QC 991 .E3 D3 1952 (Jan-June)

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MAR 28 1952 WEATHER BUREAU

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

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

Form 7F.

DAILY WEATHER REPORT

Jan-June 1952

Date: Tuesday 1st January 1951

At 1200 on Monday 31st Dec 1951 / At 1800 on Monday 31st Dec. 1951

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	200	13	35	00	0	0	—	9.4	19	37	4	250	13	15	00	0	0	—	12.2	14	55	5	0
	303	SÎDI BARÂNI	240	12	18	00	0	0	—	9.9	19	43	6	240	5	18	00	0	0	—	13.0	12	59	4	0
	306	MATRÛH	210	14	14	01	0	2	cs	11.3	18	39	4	180	10	10	00	0	0	—	13.8	10	71	5	0
	309	EL DABʻA	200	7	35	00	0	0	—		21	26	1												
		ALEXANDRIA	180	11	35	04	0	0	—	13.0	20	41	6	90	8	35	00	0	0	—	13.6	16	59	8	0
	318	FOUAD (Airport)																							
	330	DAMIETTA	140	2	35	02	0	0	—	14.0	18	73	13	140	2		02	0	0	—	14.3	14	94	13	0
	333	PORT SAʻÎD	170	9	30	01	0	1	ci	13.8	20	60	12	130	3	8	05	0	0	—	14.9	15	88	13	0
	336	EL ʻARISH																							
Lower Egypt	339	DAMANHÛR	260	9	7	02	1	0	—	13.1	22	36	6	260	9	7	02	0	0	—	13.4	16	68	10	0
	342	MANSÛRA	220	3	35	00	0	0	—	13.6	22	44	9	320	3		00	0	0	—	14.3	13	67	7	0
	348	TANTA	00	0	35	02	1	0	—	13.6	21	41	7	00	0	35	02	0	0	—	13.8	15	59	7	0
	354	ZAGAZIG	220	2	50	02	1	0	—	13.1	22	36	6	220	2	35	02	0	0	—	13.6	11	77	7	0
	441	ISMAʻILÎA	180	2	35	03	1	4	ac	13.6	21	50	10												
Cairo Area	366	FAROUK (Airport)	230	16	12	01	1	1	ci	13.7	22	29	3	160	7	12	00	0	0	—	15.6	15	68	9	0
	372	ALMÂZA	250	15	18	02	0	2	ci	13.3	21	26	1	180	8	12	00	0	0	—	15.0	15	68	9	0
		EZBEKÎYA	180	6	18	02	1	1	ci	13.5	22	36	6	00	0	12	00	0	0	—	15.1	13	77	9	0
		GÎZA	180	6	18	02	1	1	ci	13.8	23	38	8	00	0	12	00	0	0	—	15.6	14	67	8	0
	378	HELWÂN	200	11	15	01	1	1	ci	12.4	21	33	4	140	7	7	02	0	0	—	14.6	17	52	7	0
Upper Egypt	381	FAIYÛM	360	2	35	01	1	4	st	13.5	23	38	8	00	0	35	01	1	0	—	15.4	14	67	8	0
	387	MINYA	200	9	8	00	1	4	ci	13.3	21	44	8	00	0	8	00	1	0	—	15.3	13	55	4	0
	393	ASYÛT MANQABÂD	60	3	14	02	2	7	cs	15.5	22	41	8	180	3	8	01	2	2	ci	15.8	16	45	4	0
	399	NAGʻ HAMMÂDI	140	1	7	02	1	4	sc,ac	14.7	25	47	13	00	0		00	1	0	—	15.9	14	77	10	0
	402	QENA	130	2	35	01	1	7	ci	14.2	22	50	11												
	405	LUXOR																							
	414	ASWÂN	00	0	50	03	2	4	as	13.1	27	27	6												
Oases	417	SÎWA	270	8	14	00	0	0	—	13.2	17	32	0	260	3	8	00	0	0	—	15.6	12	55	3	0
	420	BAHARÎYA	220	2	35	01	1	0	—	13.9	23	44	10	180	2	15	01	0	0	—	15.6	13	35	4	0
	423	FARAFRA	220	2	35	02	2	2	ac	13.9	22	29	3	290	5	15	02	0	0	—	16.4	16	32	-1	0
	432	DAKHLA	20	8	50	01	2	4	ci	14.0	21	26	1	320	8	35	00	0	0	—	16.3	15	30	-3	0
	435	KHARGA	00	0	15	03	1	7	ci	15.0	21	50	10	00	0	15	00	0	0	—	17.0	14	36	-1	0
Red Sea	450	SUEZ	180	1	50	01	0	3	sc	13.1	20	56	11												
	459	TÔR												00	0		03	1	3	ci	15.4	16	68	10	0
	462	HURGHADA	00	0	30	03	2	7	cs	13.8	23	50	12	00	0	12	02	1	7	cs	14.5	17	60	9	0
	465	QUSEIR			15	03	2	6	as	13.4	23	53	13	360	9	15	01	1	3	as	15.5	20	64	13	0
	641	PORT SÛDÂN	50	11	30	02	2	8	cs	13.2	27	70	21	30	8	30	02	2	8	sc,ci	14.6	25	79	21	0
North Sûdân	600	WÂDI HALFA	20	5	15	02	2	8	cs	12.8	25	30	6	350	5	15	01	2	2	cs	14.7	19	30	1	0
	640	ABU HAMAD	40	2	30	02	2	8	cs		31	33	13	310	3	30	02	0	0	—		24	36	8	0
	660	KAREIMA	40	5	50	01	1	4	cs	10.3	30	33	12	310	7		02	0	0	—	13.7	24	50	13	0
	680	ʻATBARA	30	4	30	02	2	8	cs	8.3	32	26	10	340	9	30	02	2	0	—	13.3	26	35	9	0
	721	KHARTÛM	340	1	30	03	1	3	ci	8.3	31	33	13	340	3	30	01	1	0	—	10.4	27	40	12	0
	780	KASSALA	270	2	30	01	1	3	cs	4.9	36	27	14	20	4	30	02	0	0	—	9.1	25	47	13	0
Central Sûdân	751	WÂD MEDANI	360	2	35	02	0	0	—	5.7	35	22	10												
	801	RENK																							
	802	ROSEIRES	310	5	35	02	0	0	—	7.0			14												
	771	EL OBEID	60	5	30	02	0	2	ci	7.9	31	19	5	40	3	30	01	0	0	—	10.3	25	26	4	0
	750	EL FÂSHER	20	3	30	01	1	1	ci		31	17	3	90	3	30	01	0	0	—		23	27	3	0
	770	GENEINA	140	1	30	02	2	8	cs		31	15	1	300	2	30	01	2	2	cs		23	18	-3	0
S. Sûdân	840	MALAKÂL	340	4	30	02	0	0	—	6.4	35	20	9	50	2	30	02	0	0	—	8.3	27	42	13	0
	880	WÂU	250	2	10	04	0	0	—	5.9	35	20	9	310	1	10	04	0	0	—	7.9	27	33	9	0
	941	JUBA	40	5	10	04	2	1	ac,ci	9.7	35	18	7	00	0	10	04	1	2	ac,ci	7.6	25	42	11	0

At 0600 on Tuesday 1st January, 1952

Wind 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	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
										19	-1								SALUM
220	9	18	00	1	0	—	15.0		8	19		7		71	3	0	59		SÎDI BARÂNI
200	15	14	01	1	4	ac	16.2	-2.4	9	18		7		62	2	0	Rain		MATRÛH
																			EL DABʻA
220	5	35	04	1	2	cu	16.4	-2.6	13	22	+3	10	-1	55	4	0	80	97	ALEXANDRIA
220	9	18	02	0	0	—	15.9	-2.1	11			9	-1	82	8	0	Rain	70	FOUAD (Airport)
220	2	15	02	0	0	—	16.6	-1.4	9	19	0	8	-1	97	9	0	93	40	DAMIETTA
										22	+4								PORT SAʻÎD
180	3	30	03	1	3	—	15.9	-2.7	12			7		63	5	0	37		EL ʻARISH
270	9		02	0	0	—	16.8	-1.8	10	23	+3	7	-1	76	6	0	53	37	DAMANHÛR
220	3	35	00	0	0	—	16.8	-1.8	8	23	+3	4	-2	88	6	0	12	16	MANSÛRA
00	0	35	01	1	3	cu	17.1	-2.0	9	22	+2	6	-1	71	4	0	26	14	TANTA
220	2	35	02	0	0	—	17.0	-2.2	9	23	+3	7	0	71	4	0	12	10	ZAGAZIG
250	2	35	03	1	3	as	17.1		12			9		36	3	0	22		ISMAʻILÎA
200	10	12	03	0	1	ac	18.2		12	22		10		63	5	0	Rain		FAROUK (Airport)
210	8	18	03	0	2	ac	17.8	-1.2	12	22	+3	10	+1	55	3	0	Rain		ALMÂZA
00	0	12	02	1	7	cs	18.2	-1.2	11	23	+3	9	+1	63	4	0	49	9	EZBEKÎYA
00	0	12	02	1	7	cs	18.0	-1.5	10	24	+5	6	0	76	6	0	45	10	GÎZA
110	3	15	03	1	2	ci	18.8	-0.8	10	22	+3	10	+1	62	3	0	51	9	HELWÂN
		15	03	2		st	20.0	+0.6	9	24	+3	6	-1	62	2	0	18	3	FAIYÛM
										22	+2								MINYA
280	3	8	10	0	7	cs	19.0	-1.2	11	24	+3	9	+2	44	-1	0	dr.		ASYÛT MANQABÂD
00	0		03	0	7	sc	18.3	-1.4	11	25	+3	5	-1	63	4	0	c.1		NAGʻ HAMMÂDI
320	2	15	01	1	3	ci	17.8	-1.2	13			9	+2	55	4	0	dr.		QENA
00	0	30	03	2	4	ci	17.3	-1.9	10			6		58	2	0	dr.		LUXOR
00	0	50	00	0	0	—	17.5	-1.5	15			11	0	48	4	0	dr.		ASWÂN
00	0	11	03	0	3	ac	18.0	-2.7	6	20	0	5	+1	71	1	0	dr.	5	SÎWA
00	0	35	03	2	5	ci	19.5	-0.7	8	23	+3	4	-1	58	0	0	dr.	4	BAHARÎYA
180	2	35	02	2	7	ac	20.0		7	23		4		57	-1	0	dr.		FARAFRA
340	8	50	03	1	4	ci	19.5	-1.1	8	23	+1	5	0	71	-3	0	dr.		DAKHLA
00	0	15	03	1	1	ci	18.7	-0.7	11	22	-1			63	4	0	dr.		KHARGA
60	2	50	00	0	3	ci	17.5	-1.3	11			7	-3	77	7	0	17	9	SUEZ
20	2	35	00	1	4	ci	16.7	-1.3	13			10	+1	77	9	0	1	7	TÔR
350	10	30	03	0	6	cs	15.1	-2.3	16	23	+2	11	0	52	6	0	0		HURGHADA
330	9	15	00	0	2	cb,cs	14.8	-2.8	16	25	+2	15	0	59	8	0	dr.	4	QUSEIR
360	8	30	03	1	7	sc	14.9		25	27		22		84	22	0	Rain	84	PORT SÛDÂN
340	3	30	03	0	2	cs	17.3		11	27		7		44	-1	0	dr.		WÂDI HALFA
360	10	30	02	0	0	—			19	31		15		37	4	0			ABU HAMAD
20	5	30	02	0	0	—	14.7		18	32		14		34	2	0	dr.	1	KAREIMA
20	5	30	02	2	7	cs	13.0		21	33		16		50	10	0	0	2	ʻATBARA
340	6	30	02	0	5	cs	12.3		21	33		18		69	15	0	0.6	4	KHARTÛM
180	3	30	03	0	2	cs	11.2		23	37		16		69	17	0	49	8	KASSALA
																		12	WÂD MEDANI
																		49	RENK
																		36	ROSEIRES
20	9	30	02	0	0	—	12.6		20	32		14		33	3	0	18	16	EL OBEID
320	2	30	02	0	0	—			14	33		10		39	0	0	13	6	EL FÂSHER
60	10	30	02	0	0	—			15	33		10		30	-3	0		4	GENEINA
50	6	30	02	0	0	—	10.4		25	36		18		32	7	0	94	88	MALAKÂL
00	0	7	04	0	0	—	10.9		19	37		16		60	11	0	152	143	WÂU
										35								144	JUBA

Humidity % Mean of day

Station	on 31st	Diff. from normal
Alexandria	80	+14
Ezbakiya	77	+8
Giza	77	+3
Helwan	55	-3

GIZA
GRASS MINIMUM TEMP. on 1st Jan. 5.0 °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 31st At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	112	19	43	220	9
950					
900					
850	1485	8	37	200	22
800					
700	3065	2		220	32
600					
500	5739	-13		220	75
400	7405	-24		230	78
300	9455	-37		230	87

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

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

UPPER WIND OBSERVATIONS on 31st Dec. 1951

Station	Fuad A.P.		Port Said		Almaza		Minya		Asyut		Siwa		Kharga		S.Barani								Port Said		Almaza	
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	200	14	160	11	220	29	170	8	200	8	260	21	90	10	230	28							220	14	230	5
600	200	18	190	10	220	16	190	16	200	3	260	24	110	14	220	38							220	5	220	19
1000	200	18	210	16	210	17	190	13	200	8	260	23	130	16	220	23							220	9	240	18
1500	190	16	230	21	200	43	200	23	190	16	260	28			230	29							200	16	230	24
2000			190	17	200	42	230	35	220	26	260	32			220	24									210	22
3000									220	40	230	24			230	33										
4000									210	43	240	27			240	25										
5000											240	25														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st. Jan. 1952

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArish		Helwan		Minya		Asyût Manqabâd		Luxor		Aswan		Hurghada		Almaza	
Time					2		4						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					280	16	270	21					350	19									280	13
600					290	16	260	16					340	16									300	17
1000							240	13					310	9									320	9
1500							210	21					310	18									250	18
2000																							250	22
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time									5		4				5		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									10	11														
600									20	21	30	16					40	8						
1000									360	11	60	12			30	29	20	20	40	23	10	10		
1500									270	5	70	7			340	9	60	6	50	15	80	7		
2000									270	7					360	9	100	4	40	13	50	2		
3000											220	7			270	6	100	7	350	5	290	4		
4000											210	5			160	9			230	3				
5000															170	6			150	11	290	4		
6000																			170	7	230	4		
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)

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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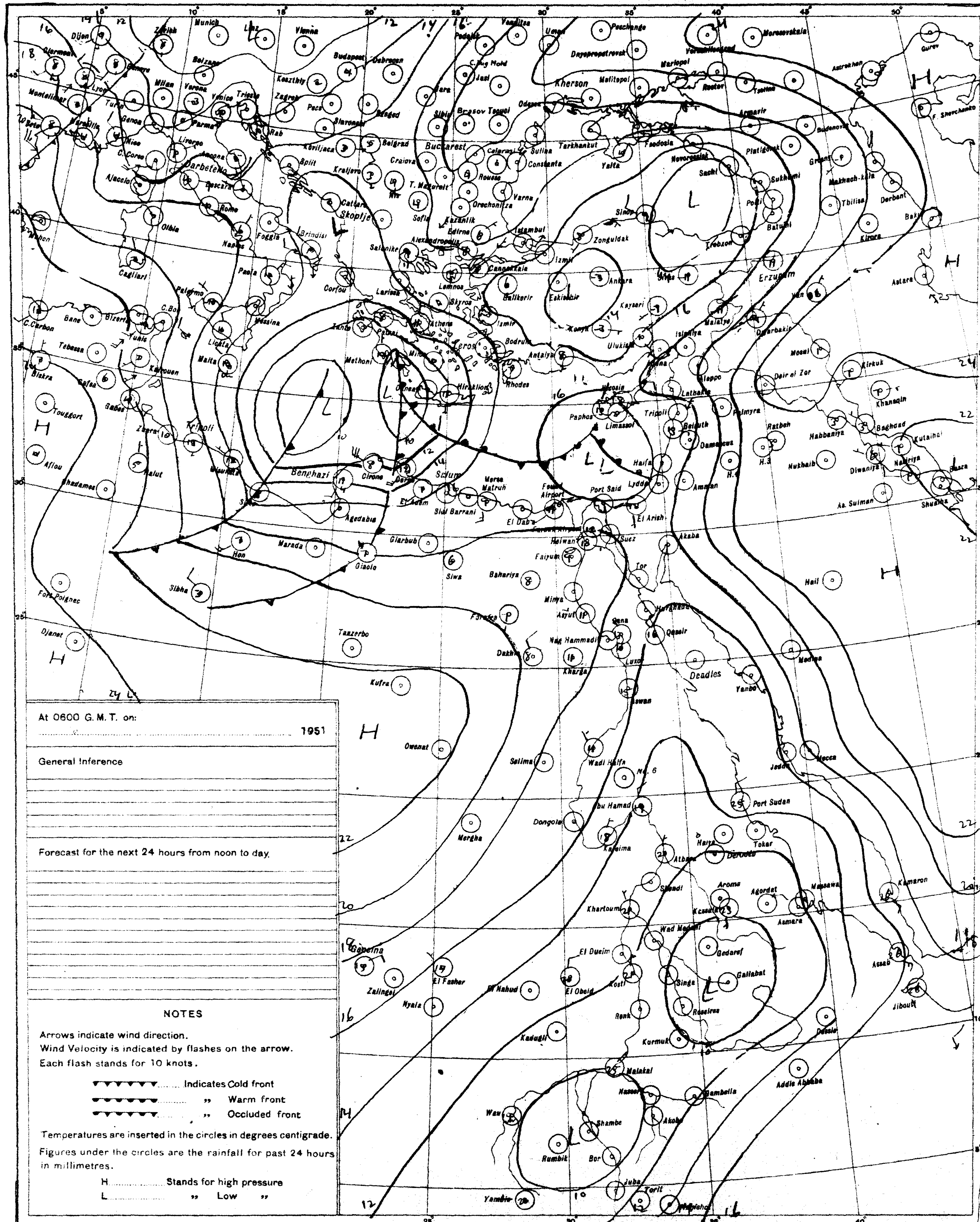
Rocket Center, West Virginia
September 14, 1999

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 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)

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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 51 G.M.T.

" " Sunset 15 06 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 1st January, 1951

At 1200 on Tuesday 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	13	35	00	0	0	—	14.3	17	42	4
	303	SÎDI BARÂNI	250	13	30	00	0	0	—	14.2	17	56	8
	306	MATRÛH	220	15	12	00	0	0	—	15.2	18	46	6
	309	EL DABA	200	6	35	01	1	2	Cu		18	46	6
		ALEXANDRIA	220	14	50	03	2	3	ac	15.9	17	52	7
	318	FOUAD (Airport)	220	13	18	02	0	0	—	16.0	18	46	6
	330	DAMIETTA	270	2	35	02	0	0	—	15.6	18	43	5
	333	PORT SA'ID	270	8	14	02	0	1	Ci	15.8	19	60	11
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	270	9	15	02	0	0	—	16.8	19	37	4
	342	MANSURA	220	5	35	02	1	2	Cs	16.2	19	52	9
	348	TANTA	220	2	35	01	1	4	Ci	16.8	19	46	7
	354	ZAGAZIG	220	1	50	03	1	4	Ci		17	43	6
	441	ISMA'ILIA	270	2	35	03	2	8	As	15.4	19	46	7
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMAZA	240	10	15	02	2	5	Cs	16.2	19	30	1
		EZBEKIYA	200	5	35	02	1	6	Cs	17.0	19	35	3
		GÎZA	200	5	35	02	1	6	Cs	17.6	20	33	3
	378	HELWÂN	290	4	15	03	2	8	As	16.6	18	46	6
UPPER EGYPT	381	FAIYÛM	00	0	35	01	1	2	St	17.6	20	33	3
	387	MINYA	320	5	10	01	1	3	Ci	17.2	19	24	2
	393	ASYÛT MANQABÂD	310	5	14	01	1	4	Cs	16.7	20	30	2
	399	NAG' HAMMÂDI	00	0	15	03	2	6	ac.c	16.2	23	44	10
	402	QENA	320	2	50	03	1	4	Ci		22	36	6
	405	LUXOR	10	5	30	02	1	4	Ci	14.9	23	27	3
	414	ASWÂN	340	3	50	00	0	0	—	14.0	24	21	0
OASES	417	SÎWA	160	9	14	00	0	0	—	17.9	17	37	2
	420	BAHARÎYA	260	2	35	02	2	6	ac	17.8	20	46	8
	423	FARAFRA	270	2	15	06	1	0	—	18.7	20	33	3
	432	DAKHLA	340	11	50	01	2	2	Ci	17.6	19	26	-1
	435	KHARGA	00	0	15	02	1	1	Ci	16.8	21	33	4
RED SEA	450	SUEZ	180	3	50	03	0	5	Ci	15.2	20	46	8
	459	TÛR	40	2	50	02	0	0	—	15.6			
	462	HURGHADA	10	14	30	03	1	6	Cs	13.6	21	65	14
	465	QUSEIR	360	13	15	02	1	2	Cc	13.8	22	74	17
	641	PORT SÛDÂN	70	12	30	61	6	8	Cu.Sc	12.2	26	89	24
NORTH SÛDÂN	600	WÂDI HALFA	20	12	30	02	0	1	Cs	13.9	25	14	-5
	640	ABU HAMAD	360	3	30	03	2	8	Cs		31	18	4
	660	KAREIMA	50	6	30	02	0	0	—	10.7	30	27	9
	680	'ATBARA	10	14	10	07	2	8	Cs	8.1	32	24	9
	721	KHARTÛM	340	8	30	03	0	3	Ci	8.3	33	26	11
	730	KASSALA	360	5	30	01	0	0	—	4.7	35	30	15
CENTRAL SÛDÂN	751	WÂD MEDANI	360	5	35	02	0	0	—	6.8	35	22	10
	801	RENK											
	802	ROSEIRES	310	5	35	02	0	0	—	4.0	36	27	14
	771	EL OBEID	20	9	30	02	0	0	—	7.2	32	17	4
	760	EL FÂSHER	50	4	50	02	0	0	—		32	8	-6
	770	GENEINA	00	0	30	02	0	0	—		33	11	-1
S. SÛDÂN	840	MALAKÂL	20	16	30	02	0	0	—	5.3	35	19	8
	880	WÂU	360	8	10	04	0	0	—	4.8	37	13	4
	941	JUBA	50	9	10	04	0	0	—	3.7	36	19	9

At 1800 on Tuesday 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	200	13	15	00	0	0	—	15.2	13	55	4	0
SÎDI BARÂNI	240	5	18	00	0	0	—	15.1	10	67	4	0
MATRÛH												
EL DABA	250	4	7	00	0	0	—		9	71	4	0
ALEXANDRIA												
FOUAD (Airport)	200	9	12	02	0	0	—	16.2	12	77	8	0
DAMIETTA	220	2	7	02	0	0	—	16.7	13	88	11	0
PORT SA'ID	260	10	12	02	0	0	—	17.1	15	68	9	0
EL 'ARISH												
DAMANHUR	270	9	7	02	0	0	—	17.1	13	67	7	0
MANSURA	180	3		00	1	0	—	17.2	12	63	5	0
TANTA	00	0	35	02	0	0	—	17.2	9	88	7	0
ZAGAZIG	00	0	35	02	0	0	—	17.5	11	88	9	0
ISMA'ILIA												
FAROUK (Airport)	200	7	12	00	0	0	—	18.2	13	67	7	0
ALMAZA	200	5	12	01	2	0	—	17.4	14	48	3	0
EZBEKIYA	00	0	15	00	0	0	—	17.8	12	59	4	0
GÎZA	00	0	15	00	0	0	—	18.6	10	76	6	0
HELWÂN	90	3	7	01	1	2	Ci	18.2	13	55	4	0
FAIYÛM												
MINYA	00	6	8	00	1	0	—	18.5	12	44	0	0
ASYÛT MANQABÂD	240	3	10	00	0	0	—	18.7	14	34	-2	0
NAG' HAMMÂDI	00	0	3	03	2	5	Cu.ac	17.7	13	77	9	0
QENA	270	2	7	00	0	0	—		17	42	4	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	16.0	21	14	-8	0
SÎWA	00	0	8	00	0	0	—	18.3	12	55	3	0
BAHARÎYA	270	3	15	02	2	3	Ac	19.1	14	67	8	0
FARAFRA	270	1	15	02	0	0	—	19.5	12	55	3	0
DAKHLA	320	8	35	00	0	0	—	18.8	14	27	-5	0
KHARGA	00	0	15	00	0	0	—	17.5	13	24	-7	0
SUEZ	310	2	35	01	0	0	—	17.1	13	55	4	0
TÛR	360	2		02	0	0	—	15.5	14	55	5	0
HURGHADA	280	12	12	00	1	0	—	14.8	17	37	2	0
QUSEIR	20	9	15	02	1	2	—	14.6	20	64	13	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA	360	7	30	01	2	0	—	9.9	25	32	7	0
KHARTÛM	340	5	30	02	1	0	—	9.8	25	30	6	0
KASSALA	20	5	30	02	0	0	—	8.1	25	42	11	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	90	3	30	02	0	0	—		22	29	3	0
GENEINA	00	0	30	02	0	0	—		25	24	3	0
MALAKÂL												
WÂU												
JUBA	00	0	7	04	0	0	—	5.9	25	51	14	0

At 0600 on Wednesday 2nd January, 1952

STATION	WIND 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											18	-2							
SÎDI BARÂNI	210	5	18	00	0	0	—	17.5		7	18		5		71	2	0	59	
MATRÛH	210	12	14	00	0	0	—	17.6	1.0	7			6		71	2	0	Rain	
EL DABA	280	5	15	00	0	0	—			9	18		6		62	2	0	93	
ALEXANDRIA	270	16	50	03	1	4	Cu	16.8	-2.2	15			12	+1	68	9	0	80	99
FOUAD (Airport)											18	-1							72
DAMIETTA	200	2	7	03	1	1	Ci	17.1	-0.9	10	18	-1	7	-2	76	6	0	93	41
PORT SA'ID	250	16	12	02	0	3	Sc	17.2	-0.8	12	19	+1	11	-1	67	6	0	41	
EL 'ARISH																			
DAMANHUR	270	9	7	02	0	0	—	16.4	-2.2	9	20	0	7	-1	71	4	0	53	37
MANSURA	270	3	35	00	0	0	—	17.2	-1.4	8	20	0	7	-1	88	6	0	12	16
TANTA	220	2	35	02	0	0	—	17.4	-1.7	8	20	0	6	-1	88	6	0	27	14
ZAGAZIG	220	1	35	02	0	0	—	17.5	-1.7	8			6	-1	88	6	0	12	10
ISMA'ILIA	270	9	35	01	0	0	—	18.0		10			8		67	4	0	22	
FAROUK (Airport)	200	10	15	00	0	0	—	19.4		11	19		9		71	6	0	Rain	
ALMAZA	240	9	15	00	0	0	—	18.5	-0.5	11	20	+1	8	-1	63	4	0	Rain	
EZBEKIYA	00	0	15	00	0	0	—	19.4	0.0	9	20	0	8	0	67	3	0	49	9
GÎZA	00	0	15	00	0	0	—	19.6	0.0	9	22	+3	7	+1	71	4	0	45	10
HELWÂN	00	0	7	02	0	0	—	19.8	+0.2	10	19	0	9	0	62	3	0	51	9
FAIYÛM	00	0	35	02	0	0	—	20.1	+0.[illegible]	9			6	-1	62	2	0	18	3
MINYA	00	0	8	00	0	0	—	19.7	-0.4	6	20	0	3	-2	66	0	0	dr.	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	20.8	+0.6	10	20	-1	7	0	62	3	0	dr.	
NAG' HAMMÂDI	00	0	3	03	1	5	Sc	20.7	+1.0	11	25	+3	5	-1	63	4	0	0.1	
QENA	290	3	15	00	0	0	—	20.2	-1.2	12	22	-1	8	+1	44	0	0	dr.	
LUXOR																			
ASWÂN	360	4	50	00	0	0	—	19.2	+0.2	13	25	+1	10	-1	67	7	0	dr.	
SÎWA	00	0	12	03	0	5	Cu.Sc	18.8	-1.9	8	18	-2	6	+2	76	4	0	dr.	5
BAHARÎYA			35	02	0	0	—	20.6	+0.4	9	20	0	3	-2	71	4	0	dr.	4
FARAFRA	220	1	35	02	0	0	—	21.5		8	21		2		71	3	0	dr.	
DAKHLA	340	11	50	00	0	0	—	22.0	+1.4	8	20	-2	4	-1	58	0	0	dr.	
KHARGA	00	0	15	00	0	0	—	20.4	+1.0	10	22	-1	5	-2	62	3	0	dr.	
SUEZ	00	0	50	00	0	2	Cu	18.7	-0.2	12	22	+2	6	-4	63	5	0	18	9
TÛR	310	5	35	02	0	0	—	17.5	-0.5	12			11	+2	42	3	0	1	7
HURGHADA	300	13	12	00	0	0	—	16.5	-0.9	16	22	+1	12	+1	32	-1	0	0	
QUSEIR	310	13	15	02	0	0	—	16.2	-1.4	15	23	0	14	-1	68	9	0	dr.	4
PORT SÛDÂN	360	8	30	03	2	3	Cu	13.5		25	28		22		89	23	4	Rain	84
WÂDI HALFA	340	9	15	02	0	0	—	19.5		11	26		7		44	-1	0	dr.	
ABU HAMAD	360	7	30	02	0	0	—			18	32		16		22	-4	0		
KAREIMA	340	10	30	02	0	0	—	16.2		16	31		14		28	-3	0	dr.	1
'ATBARA	360	7	30	02	0	0	—	12.2		20	33		18		43	7	0	0	2
KHARTÛM	350	10	30	02	0	0	—	12.0		20	33		16		43	7	0	0.6	4
KASSALA	20	2	30	02	0	0	—	10.0		23	36		18		69	17	0	49	8
WÂD MEDANI	360	5	35	02	0	0	—	11.7		19	36		15		32	2	0	20	12
RENK	360	5	35	02	0	0	—	12.1		21	36		15		44	8	0		49
ROSEIRES	310	2	35	02	0	0	—	10.2		24	37				11	-9	0	92	36
EL OBEID	360	7	30	02	0	0	—	13.7		17	34		14		28	-2	0	18	16
EL FÂSHER	40	3	30	02	0	0	—			14	34		10		36	-1	0	13	6
GENEINA	40	7	30	02	0	0	—			16	34		13		19	-8	0		4
MALAKÂL	20	13	30	03	0	0	—	9.3		25	36		19		26	4	0	94	88
WÂU	00	0	4	04	0	7	—	9.5		24	37		18		44	11	0	152	143
JUBA	110	3	10	04	2	6	ac.c	8.4		24	36		14		50	13	0	215	144

HUMIDITY

Mean of day

STATION	on 1st	Diff. from normal
Alexandria	56	-10
Ezbekiya	53	-16
Giza	67	-7
Helwan	54	-4

GIZA

GRASS MINIMUM TEMP.

ON 2nd 55 °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	146	16	30	270	7
950					
900					
850	1499	7		230	16
800					
700	3070	-1		240	30
600					
500	5693	-14		240	78
400	7366	-23		240	104
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 1st

STATION	Fouad A.P.		Port Said		Almaza		Minya		Asyut		Sura		Kharga		Hurghada		Matruh		Luxor		S. Barani		Minya		Port Said	
TIME	14		14		15 30		14		14		14		14		14		14		14		12		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	15	280	9	250	12	300	10	310	9	260	19	10	18	350	11	250	20	360	5	240	22	290	16	270	13
600			260	10	240	13	290	9	300	10	250	19	10	23	330	18	250	25	340	5			290	17	270	16
1000	250	18	260	14	230	17	260	11	300	11	250	17	360	23	300	15	240	24	340	15			280	18	280	1
1500	250	16	250	12	220	12	260	15	310	16	260	27			290	8	250	29	310	10			260	16	270	9
2000	270	18			280	11			280	17	270	36			310	13	240	22	70	14	250	20	240	24		
3000	270	19									270	27									260	16				
4000											260	20									230	17				
5000																					240	22				
6000																					250	35				
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Almaza	
TIME	8		4		8		2						2		8		8 30		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	270	13	290	15	280	19	260	12					300	13	300	7	340	7	360	9	330	13	230	19
600	310	8	290	13	290	19	260	17					300	13	310	15	360	10	360	20	300	11	280	22
1000	320	7	280	20	300	18	270	13					290	15	310	15	340	19	340	17	270	11	280	24
1500	310	8	300	19	310	16	280	8					280	12	320	22	360	7			300	10	200	20
2000	320	11			300	17									320	23	350	6			290	10		
3000	330	14																			270	13		
4000	350	21																						
5000																								
6000																								
7000																								
8000																								

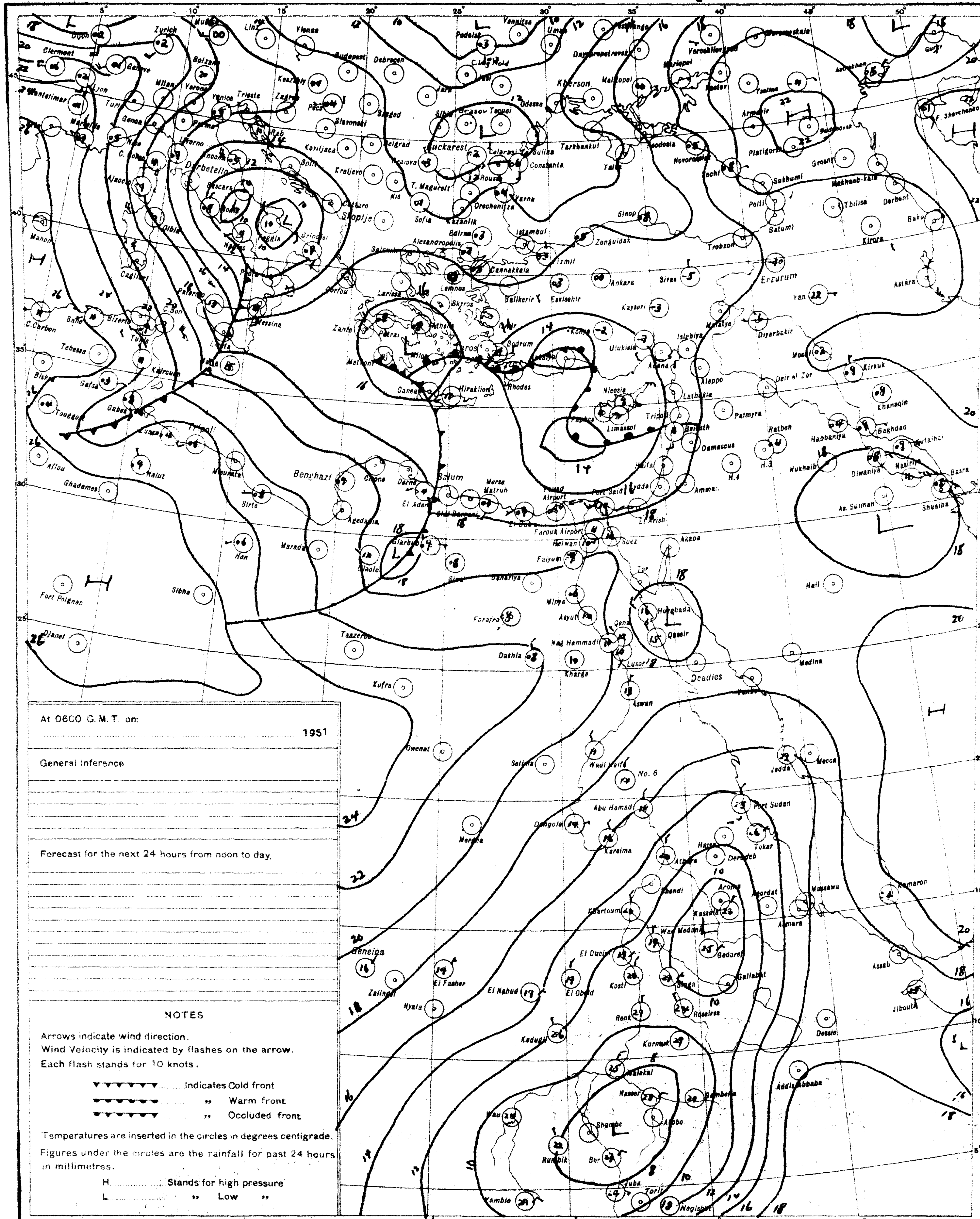
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	8		8				8		4		4		5		4		4		4				4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	270	3	170	16			350	8	10	17														
600	280	16	170	13			350	16	10	25	40	16	50	15	10	25	130	2					10	34
1000			180	12			350	21	10	34	50	13	50	15	20	38	40	8	30	31			10	58
1500			180	23			330	26	20	28	340	12	40	15	30	9	60	11	40	22			40	23
2000			180	23									60	11	50	11								
3000											300	2	330	10	270	3	160	9	30	9			30	11
4000																							140	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.

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

Note: All times are G.M.T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 2/1 1952



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 ....
Cirrostratus ....
Cirrocumulus ....
Altocumulus ....
Altostratus ....
Stratocumulus ....
Nimbostratus ....
Cumulus or Fractocumulus ....
Cumulonimbus ....
Stratus or Fractostratus ....

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 07 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 3rd January, 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	SALUM	70	5	35	00	0	0	—	17.6	18	60	10
	303	SÎDI BARÂNI											
	306	MATRÛH	300	8	30	00	0	0	—	18.1	16	52	6
	309	EL DABA	290	6	35	00	0	0	—		17	42	4
		ALEXANDRIA	270	15	50	02	2	5	Cu	17.6	17	60	9
	318	FOUAD (Airport)	280	17	18	02	1	4	Ac	17.2	17	64	10
	330	DAMIETTA	290	9	35	03	1	3	Ac	16.7	17	77	13
	333	PORT SA'ID	270	17	14	16	0	5	Cb	16.2	16	68	10
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	9	15	02	1	3	Cu	17.3	18	60	10
	342	MANSURA	320	5	35	03	6	6	Cb	17.0	17	68	11
	348	TANTA	310	5	35	01	1	2	Cu	17.2	18	52	8
	354	ZAGAZIG	220	2	50	02	0	0	—	17.2	18	52	8
	441	ISMAÎLIA	270	5	35	03	1	2	Ac	17.4	18	64	11
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	310	13	18	00	0	0	—	17.5	17	42	4
		EZBEKÎYA	270	6	18	00	0	0	—	18.3	17	32	0
		GÎZA	270	6	18	00	0	0	—	17.6	19	30	1
	378	HELWÂN	270	11	35	02	0	0	—	18.6	17	26	-3
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	18.6	20	33	3
	387	MINYA	320	8	8	00	0	0	—	18.3	19	23	-3
	390	ASYÛT MANQABÂO	350	8	18	00	0	0	—	19.1	17	34	1
	399	NAG' HAMMÂDI	00	0	15	01	0	3	Ac	18.2	23	44	10
	402	QENA	290	2	50	00	0	0	—	17.4	20	33	3
	405	LUXOR											
	414	ASWÂN	360	8	50	00	0	0	—	17.6	20	24	-1
Oases	417	SÎWA	320	3	14	02	2	2	Sc	19.4	15	68	9
	420	BAHARÎYA	270	3	35	02	0	0	—	19.1	19	52	9
	423	FARAFRA	320	3	35	02	1	3	Cu	20.2	19	52	9
	432	DAKHLA	340	11	50	00	0	0	—	19.8	18	28	-1
	435	KHARGA	00	0	15	00	0	0	—	19.2	20	53	10
Red Sea	450	SUEZ	310	5	50	01	0	0	—	16.6	19	23	-3
	459	TOR											
	462	HURGHADA	340	22	18	00	0	0	—	15.4	19	46	7
	465	QUSEIR	360	13	15	02	0	0	—	15.6	18	52	8
	641	PORT SUDAN											
North Sudan	620	WÂDI HALFA											
	640	ABU HAMAD	360	6	30	02	0	0	—		28	23	5
	660	KAREIMA	20	14	30	02	0	0	—	11.8	29	14	-1
	680	'ATBARA	340	13	10	07	0	0	—	7.8	31	31	12
	721	KHARTUM	350	13	30	02	0	0	—	7.5	32	29	12
	730	KASSALA	340	4	30	02	0	0	—	3.7	35	35	17
Central Sudan	751	WÂD MEDANI	360	5	35	02	0	0	—	5.6	34	16	5
	801	RENK	310	13	35	02	0	0	—	6.1	34	25	11
	802	ROSEIRES											
	771	EL OBEID	20	13	30	03	0	1	Ci	7.4	31	12	-1
	760	EL FASHER	20	12	30	02	0	0	—		28	19	2
	770	GENEINA	40	10	30	02	0	0	—		28	8	-9
S. Sudan	840	MALAKÂL	50	11	30	02	0	0	—	3.5	36	18	8
	880	WÂU	310	4	10	04	0	0	—	3.0	37	13	4
	941	JUBA	70	5	30	04	1	4	Cu, Ac	2.5	36	19	9

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.
SALUM												
SÎDI BARÂNI												
MATRÛH	240	7	18	00	0	0	—	21.4	10	88	8	0
EL DABA												
ALEXANDRIA	310	13	35	02	2	5	Cu	20.7	16	68	10	1
FOUAD (Airport)												
DAMIETTA	270	5	7	01	1	1	Cu	19.4	14	88	12	0
PORT SA'ID	270	10	18	02	8	3	Cu, Sc	19.4	14	88	12	1
EL 'ARISH	250	6	14	01	5	2	Sc	18.8	13	77	9	dr.
DAMANHUR	270	9	7	02	1	2	Cu	17.8	13	77	9	0
MANSURA	320	5		02	1	3	Sc, Cu	18.1	14	77	10	dr.
TANTA												
ZAGAZIG	220	1	35	02	0	0	—	17.6	13	77	9	0
ISMAÎLIA												
FAROUK (Airport)	220	5	12	00	0	0	—	21.6	13	55	4	0
ALMÂZA	270	5	12	00	0	0	—	21.1	13	67	7	0
EZBEKÎYA	00	0	12	00	0	0	—	21.4	12	59	4	0
GÎZA	00	0	12	00	0	0	—	20.8	9	71	4	0
HELWÂN	00	0	15	02	0	0	—	21.5	13	44	1	0
FAIYÛM	00	0	35	02	0	0	—	21.6	11	63	4	0
MINYA	00	0	8	00	1	0	—	20.9	12	44	0	0
ASYÛT MANQABÂO	00	0	10	00	0	0	—	21.5	13	41	0	0
NAG' HAMMÂDI	00	0		02	0	4	Ac	20.8	13	77	9	0
QENA	320	2	7	00	0	0	—	20.0	15	39	1	0
LUXOR												
ASWÂN	360	5	15	00	0	0	—	20.0	16	32	-1	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—	22.3	10	76	6	0
FARAFRA	270	2	15	02	2	1	Ac	22.3	12	77	8	0
DAKHLA	320	8	35	00	0	0	—	21.8	13	55	4	0
KHARGA												
SUEZ	00	0	35	02	0	0	—	20.4	14	36	-1	0
TOR												
HURGHADA	330	22	12	00	0	0	—	18.6	14	59	6	0
QUSEIR	310	13	15	02	0	0	—	18.2	18	32	1	0
PORT SUDAN	50	10	30	02	2	7	Sc, Cu	13.7	25	84	22	0
WÂDI HALFA												
ABU HAMAD												
KAREIMA	340	15			0	0	—				-9	0
'ATBARA	350	19	7	07	0	0	—	10.9	25	17	-2	0
KHARTUM	350	10	30	02	0	0	—	10.1			9	0
KASSALA	20	3	30	02	0	0	—	7.4	25	42	11	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	10	30	02	0	0	—	10.9	23	20	-1	0
EL FASHER	40	9	30	02	0	0	—		22	25	1	0
GENEINA	40	10	30	02	0	0	—		21	17	-5	0
MALAKÂL	20	9	30	02	0	0	—	6.0	27	30	8	0
WÂU												
JUBA	00	0	30	02	0	0	—	4.5	25	47	13	0

At 0600 on Thursday 3rd 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.	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	250	13	15	03	1	4	Ac	22.4	+4.7	12			8	-1	88	10	0	Rain	
SÎDI BARÂNI																			
MATRÛH	210	12	18	03	0	2	Ac	22.8	+4.2	9	17		7		76	5	0	Rain	
EL DABA																			
ALEXANDRIA	220	8	35	04	2	5	Cb	23.1	+4.1	14	18	-1	12	+1	77	10	0	80.	101
FOUAD (Airport)	260	6	18	02	1	4	Cu	22.8	+4.8	13			10	0	82	10	0	85	73
DAMIETTA	200	2	7	11	6	1	Cu	23.3	+5.3	10	17	-2	9	0	97	10	1	94	42
PORT SA'ID	270	5	10	01	8	1	Sc	23.2	+5.2	13	18	0	12	0	94	12	1	42.	
EL 'ARISH											18								
DAMANHUR	270	5	7	02	1	1	Cu	22.7	+4.1	10	19	-1	8	0	88	8	0	53	38
MANSURA	320	3	35	00	0	0	—	23.8	+5.2	9	20	0	8	0	97	9	dr.	12	16
TANTA																			14
ZAGAZIG	00	0	35	02	0	0	—	23.8	+4.7	9			6	-1	71	4	0	12	10
ISMAÎLIA										9									
FAROUK (Airport)	250	4	10	03	2	6	Sc	24.0		13	18		10		67	7	0	Rain	
ALMÂZA	220	3	12	02	1	4	Sc	23.6	+4.6	10	18	-1	9	0	88	8	0	Rain	
EZBEKÎYA	00	0	12	02	1	7	Sc	24.3	+4.9	10	19	-1	9	+1	71	5	0	49	9
GÎZA	00	0	12	02	1	7	Sc	23.5	+3.9	10	20	+1	7	+1	76	6	0	45	10
HELWÂN	00	0	7	03	2	7	Cu	24.8	+5.2	10	17	-2	8	-1	76	6	0	51	9
FAIYÛM	00	0	35	02	0	0	—	24.9	+5.5	8	21	0	5	-2	58	0	0	18	3
MINYA	00	0	6	00	0	0	—	24.5	+4.3	5	20	0	2	-3	70	0	0	dr.	
ASYÛT MANQABÂO	00	0	10	00	0	0	—	24.9	+4.7	8	18	-3	6	-1	66	2	0	dr.	
NAG' HAMMÂDI	00	0	7	01	0	0	—	24.4	+4.6	10	23	+1	3	-3	62	3	0	0.1	
QENA	270	2	15	00	0	0	—	23.9	+4.9	10	20	-3	6	-1	62	3	0	dr.	
LUXOR	110	2	30	00	0	0	—	22.7	+3.4	9			3		47	2	0	dr.	
ASWÂN											21	-3							
SÎWA																			5
BAHARÎYA	00	0	35	02	0	0	—	25.9	+5.6	7	19	-1	2	-3	71	2	0	dr.	4
FARAFRA	00	0	35	02	2	6	Cb	25.8		9	20		3		71	4	0	dr.	
DAKHLA	340	8	50	00	0	0	—	23.4	+2.8	10	19	-3	6	+1	62	3	0	dr.	
KHARGA																			
SUEZ	360	3	50	00	0	3	Cu	24.2	+5.3	11	21	+1	7	-3	77	7	0	18	9
TOR																			7
HURGHADA	280	13	14	00	0	1	Cu	21.5	+4.0	13	19	-2	10	-1	36	-2	0	0	
QUSEIR	360	13	15	00	0	0	—	21.1	+3.5	15	21	-2	13	-1	45	3	0	dr.	4
PORT SUDAN	360	16	30	25	8	8	Sc, Ac	17.6		22	28		21		69	16	dr.		84
WÂDI HALFA	360	6	30	02	0	0	—	22.7		9	23		7		50	-1	0		
ABU HAMAD	360	10		03	0	2	Ac			14	29		12		32	-3	0		
KAREIMA	360	10	30	02	0	0	—	19.2		13	29		11		36	-2	0		1
'ATBARA	350	15	10	07	0	0	—	15.6		18	32		16		26	-2	0		2
KHARTUM	350	12	30	02	0	0	—	15.6		17	33		15		28	-2	0		4
KASSALA	40	10	30	02	0	0	—	11.5		20	35		16		73	15	0		8
WÂD MEDANI	310	9	15	02	0	0	—	13.5		19	34		15		28	0	0		12
RENK	310	5	35	02	0	1	Cu			21	36		17		41	7	0		49
ROSEIRES																			36
EL OBEID	10	12	30	03	0	2		16.5		15	32		13		25	-5	0		16
EL FASHER	20	5	30	02	0	0	—			11	29		9		41	-2	0		6
GENEINA	50	14	10	05	0	0	—			14	30		13		32	-3	0		4
MALAKÂL	20	22	10	05	0	0		11.5		23	37		20		27	3	0		88
WÂU	290	6	10	04	2	7	Ac, Ci	11.3		22	38		18		23	0	0		143
JUBA											36								144

UPPER AIR OBSERVATIONS

Humidity % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	69	+3
Ezbekiya	54	-15
Giza	67	-7
Helwan	48	-10

GIZA

GRASS MINIMUM TEMP. ON 3rd 5.0 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 2nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	162	15	34	280	3
950					
900					
850	1507	2	51	290	19
800					
700	3059	4		320	21
600					
500	5632	-21		300	19
400	7279	-22		270	69
300	9341	-34		270	108

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.	Almaza Dir.	Almaza 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.	Hurghada Dir.	Hurghada Vel.	S. Bauns Dir.	S. Bauns Vel.	[illegible] Dir.	[illegible] Vel.	[illegible] Dir.	[illegible] Vel.	Almaza Dir.	Almaza Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		14						21		20	
300	270	14	330	10	270	20	320	5	320	7			360	14	340	29	290	8					300	8	260	9
600	280	16	350	10	280	29	340	7	310	9	300	3	350	24	320	34	300	11					320	10	270	9
1000	280	15	10	7	270	23	300	7	330	12	360	3	360	29	340	42	290	9					330	10	270	9
1500	280	19	340	4	290	30	300	11	330	15	10	6					290	10					330	10	260	8
2000	300	29	330	13	330	18			320	28	360	8					270	9					340	16	260	5
3000					50	16			290	23	20	14					340	14							320	7
4000									280	48	360	8					320	17								
5000											340	21					300	23								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Height m.	Sîdi Barani Dir.	Sîdi 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.	Almaza Dir.	Almaza Vel.
Time			5				2				7 45		2										5	
300			260	18			320	5			340	3	30	10									240	4
600			320	5			320	6			360	6	20	15									340	5
1000			280	13			330	4			340	9	350	15									350	8
1500			290	12			340	4					10	18									350	9
2000			230	14																			320	9
3000																							300	13
4000																							290	15
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									
300									30	15														
600									40	35	30	19			360	21								
1000									40	37	60	18			20	34								
1500									30	24					30	28								
2000																								
3000									10	11					40	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.

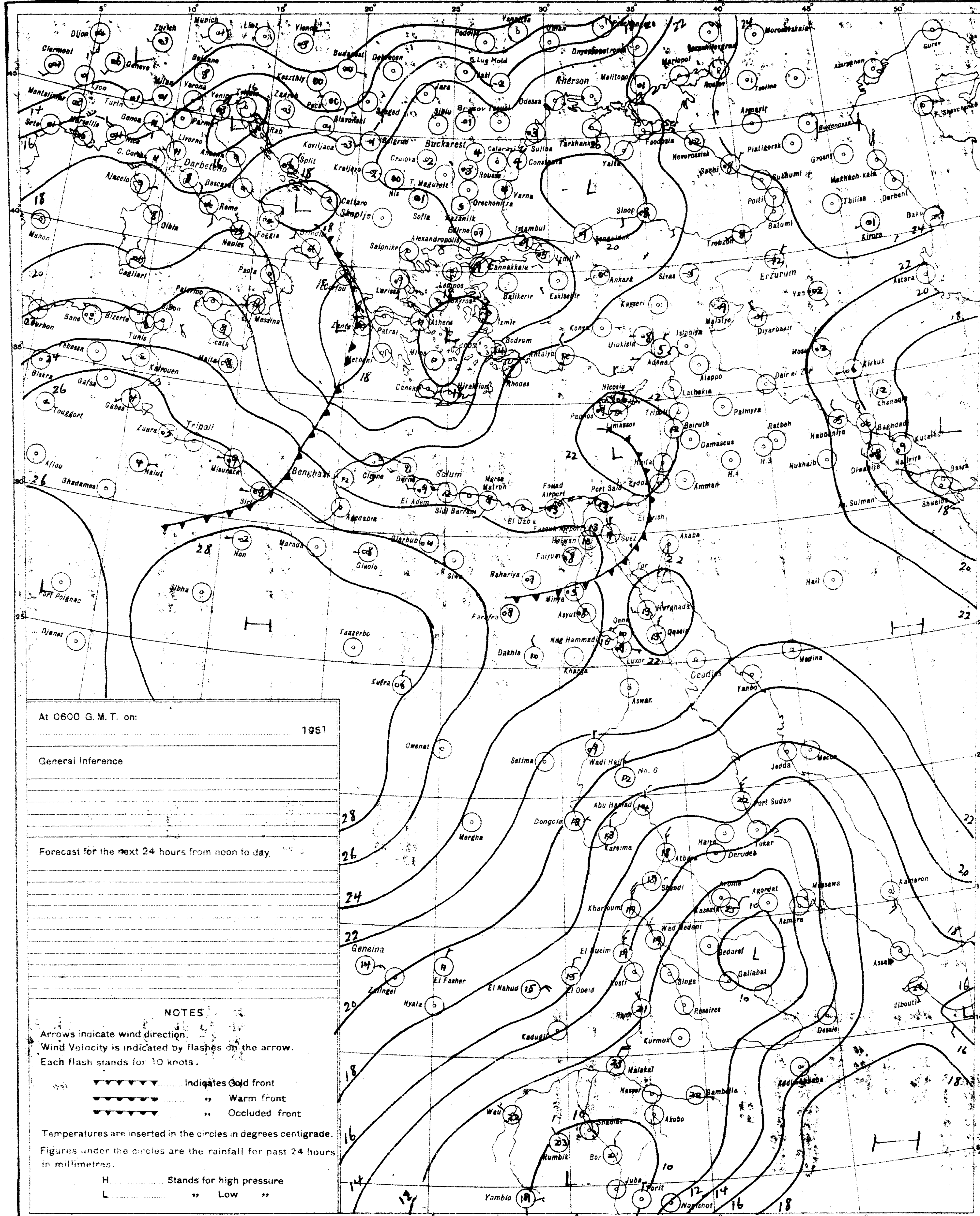
Note: All times are G.M.T.

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

Annual Subscription P.T. 50

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 3.1.* 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		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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 52 G.M.T.
" " Sunset 15 08 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 4th January, 1952

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.
Mediterranean	62300	SALUM			15	03	1		Cu	21.0	19	46	7
	303	SIDI BARANI	270	12	30	03	1	3	Cu, Ac	20.9	18	68	12
	306	MATRUH	250	14	18	03	0	2	Cb	21.5	19	46	7
	309	EL DABA	270	8	35	01	1	3	Cu		19	46	7
		ALEXANDRIA	220	15	50	01	2	2	Cu	22.4	17	52	7
	318	FOUAD (Airport)	260	13	18	02	0	1	Cu	22.2	18	49	7
	330	DAMIETTA	290	2	15	03	1	6	Cu	22.0			8
	333	PORT SAID	270	4	18	02	1	1	Cu	22.3	19	73	14
	336	EL ARISH											
Lower Egypt	339	DAMANHUR	270	9	15	02	1	1	Cu	22.0	20	56	11
	342	MANSURA	270	5	35	02	1	2	Cu	22.4	20	56	11
	348	TANTA	220	5	35	03	2	6	Cu	21.2	20	56	11
	354	ZAGAZIG	220	7	50	03	1	3	Cu	22.3	20	64	13
	441	ISMAILIA	270	2	35	03	1	6	Cu	22.3	18	52	8
Cairo Area	366	FAROUK (Airport)	300	9	10	03	1	4	Sc	22.8	18	60	10
	372	ALMAZA	290	5	15	01	1	2	Sc	22.8	17	68	11
		EZBEKIYA	00	0	18	02	1	4	Cu	22.6	19	56	10
		GIZA	00	0	18	02	1	4	Cu	22.0	21	57	12
	378	HELWAN	00	0	35	01	2	3	Cu	23.0	17	68	11
Upper Egypt	381	FAIYUM											
	387	MINYA	320	7	10	00	0	0	—	22.2	18	40	4
	393	ASYUT MANQABAD	310	6	30	00	0	0	—	22.4	18	37	3
	399	NAG HAMMADI	270	2	15	00	0	0	—	20.3	21	41	7
	402	QENA	220	2	50	00	0	0	—	20.8	19	37	4
	405	LUXOR											
	414	ASWAN	340	5	50	00	0	0	—	19.4	20	17	-6
Oases	417	SIWA	260	7	14	00	0	0	—	23.8	18	60	10
	420	BAHARIYA											
	423	FARAFRA	340	3	35	02	2	0	—	24.3	18	52	8
	432	DAKHLA	360	11	50	00	0	0	—	22.7	18	46	6
	435	KHARGA	360		15	00	0	0	—	21.8	19	37	4
Red Sea	450	SUEZ	360	4	50	03	0	4	Cu	21.2	18	60	10
	459	TOR											
	462	HURGHADA	10	13	30	00	0	0	—	19.9	19	52	9
	465	QUSEIR	360	13	15	00	0	4	Ac	19.0	20	56	11
	641	PORT SUDAN											
North Sudan	600	WADI HALFA	20	18	30	02	0	0	—	18.2	21	23	-1
	640	ABU HAMAD	360	5	30	02	0	0	—		25	26	4
	660	KAREIMA	20	13	30	02	0	0	—	14.3	25	24	3
	680	ATBARA	350	13	10	07	0	0	—	10.3	29		
	721	KHARTUM	10	7	30	02	0	0	—	9.8	30	31	11
	730	KASSALA	40	5	30	02	0	0	—	6.4	33	34	15
Central Sudan	751	WAD MEDANI	360	5	35	02	0	1	Ci	5.4	34	25	11
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—	6.6	35	30	15
	771	EL OBEID	350	17	30	01	1	2	Ci	10.2	27	15	-2
	760	EL FASHER	20	6	15	02	0	0	—		23	27	3
	770	GENEINA	50	15	10	05	0	0	—		25	14	-5
S. Sudan	840	MALAKAL	20	17	10	05	1	8	Cs	5.6	33	20	7
	880	WAU	310	8	10	04	0	0	—	6.4	32	17	4
	841	JUBA	50	5	30	04	2	6	Ac, Cs	3.0	31		

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.
SALUM	270	5	15	00	0	0	—	23.5	14	67	8	0
SIDI BARANI	300	14	18	02	1	5	Sc	23.2	15	59	7	0
MATRUH	270	7	12	02	0	2	Sc	23.8	13	77	9	0
EL DABA	250	5	7	03	2	8	St		12	88	10	0
ALEXANDRIA												
FOUAD (Airport)												
DAMIETTA	320	2	7	02	1	5	Sc	22.3	15	88	13	0
PORT SAID	230	5	14	03	0	3	Sc	23.4	16	77	12	0
EL ARISH												
DAMANHUR												
MANSURA	40	3		00	1	0	—	23.6	13	77	9	0
TANTA	00	0	35	02	1	0	—	23.0	10	77	6	0
ZAGAZIG	00	0	35	02	1	0	—	23.3	13	88	11	0
ISMAILIA												
FAROUK (Airport)	250	7	12	00	0	0	—	24.2	15	72	10	0
ALMAZA	300	4	12	00	1	0	—	24.2	15	68	9	0
EZBEKIYA	00	0	12	00	0	0	—	24.3	14	72	9	0
GIZA	00	0	12	00	0	0	—	23.6	11	88	9	0
HELWAN	00	0	7	01	0	0	—	25.0	14	67	8	0
FAIYUM	00	0	35	02	0	0	—	24.6	12	77	8	0
MINYA	00	0	8	00	0	0	—	23.9	10	62	3	0
ASYUT MANQABAD	260	3	10	00	0	0	—	24.5	12	55	3	0
NAG HAMMADI												
QENA	320	2	7	00	0	0	—	21.8	14	55	5	0
LUXOR												
ASWAN												
SIWA	260	3	8	03	0	3	Sc	25.0	14	72	9	0
BAHARIYA	00	0	15	02	0	0	—	24.8	10	62	3	0
FARAFRA	320	1	15	02	0	0	—	25.4	11	77	7	0
DAKHLA	320	8	35	00	0	0	—	24.4	12	63	5	0
KHARGA	00	0	15	00	0	0	—	23.3	14	36	-1	0
SUEZ												
TOR												
HURGHADA	340	16	12	00	0	0	—	21.3	14	67	8	0
QUSEIR	330	13	15	01	1	0	—	21.5	17	60	9	0

At 0600 on Friday 4th January, 1952

Wind 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
290	9	15	03	1	4	Sc, Cu	25.8	+8.1	11	19	0	8	-1	88	9	0	Rain		SALUM
230	7	18	02	2	7	Sc			11	18		10		71	6	0	59		SIDI BARANI
240	9	14	03	1	7	Ns	25.2	+6.6	11	19		11		77	7	0	Rain		MATRUH
270	5	15	01	1	3	Cu			11	20		6		88	9	0	90		EL DABA
310	10	50	03	2	3	Cu	24.7	+5.7	16			13	+2	68	10	dr.	80	103	ALEXANDRIA
320	7	14	02	1	3	Ac	24.7	+6.8	16			12	+2	68	10	0	85	74	FOUAD (Airport)
220	2	7	11	1	4	Cu	23.8	+5.8	9	19	0	7	-2	88	7	0	94	43	DAMIETTA
260	8	12	03	8	6	Cu, Sc	24.8	+6.8	12	20	+2	12	0	88	10	0.1	42		PORT SAID
																			EL ARISH
270	5	3	02	0	0	—	24.0	+5.4	9			7	-1	71	4	0	53	39	DAMANHUR
320	3	35	00	0	0	—	23.8	+5.3	8	21	+1	7	-1	88	6	0	12	17	MANSURA
00	0	35	02	0	0	—	23.8	+4.7	8	21	+1	7	0	97	8	0	27	14	TANTA
00	0	35	02	0	0	—			9	21	+1	6	-1	88	7	0	12	10	ZAGAZIG
180	2	35	01	1	5	Ac	24.7		11			8		77	7	0	22		ISMAILIA
220	6	14	03	0	3	Sc	25.4		12	19		10		77	8	0	Rain		FAROUK (Airport)
220	8	12	01	0	3	Sc	25.3	+6.3	12	19	0	10	+1	67	6	0	Rain		ALMAZA
00	0	12	02	1	6	Cu, Ac	25.6	+6.2	11	20	0	9	+1	67	5	0	49	9	EZBEKIYA
00	0	12	02	1	6	Cu, Ac	24.7	+5.1	10	22	+3	7	+1	77	6	0	45	10	GIZA
00	0	7	01	2	7	Sc	26.2	+6.6	11	18	-1	10	+1	77	7	0	51	9	HELWAN
00	0	35	02	0	0	—	26.6	+7.2		21	0	5	-1		0	0	18	3	FAIYUM
00	0	8	02	0	1	Ci	25.1	+4.9	8	19	-1	2	-3	58	0	0	dr.		MINYA
310	6	8	10	0	1	Ci	25.8	+5.6	9	18	-3	6	-1	67	3	0	dr.		ASYUT MANQABAD
																			NAG HAMMADI
320	2	15	03	1	4	Cu	24.2	+5.2	10	20	-3	7	0	77	6	0	dr.		QENA
																			LUXOR
320	4	50	01	1	2	Ci	23.1	+4.0	11			9	-2	63	4	0	dr.		ASWAN
00	0	12	00	0	0	—	26.3	+5.6	9	19	-1	6	+2	71	4	0	dr.	5	SIWA
00	0	35	02	1	4	Ac	26.0	+5.7	11	20	0	3	-2	77	7	0	dr.	4	BAHARIYA
200	2	35	02	2	3	Ac	27.0		6	20		2		71	1	0	dr.		FARAFRA
00	0	50	03	0	2	Cu	25.4	+4.8	8	19	-3	5	0	71	3	0	dr.		DAKHLA
00	0	15	03	1	3	Ci	24.7	+5.3	10	20	-2	7	0	62	3	0	dr.		KHARGA
360	3	50	00	0		Cu	23.0	+4.1	11			8	-2	77	7	0	18	9	SUEZ
																		7	TOR
290	13	30	02	0	1	Cs	21.8	+4.3	13	19	-2	10	0	72	8	0	0		HURGHADA
360	19	15	02	0	0	—	21.6	+3.9	16	20	-3	14	0	59	8	0	dr.	4	QUSEIR
360	13	30	03	2	7	Ac	17.9		21	24		19		53	11	0	Rain	84	PORT SUDAN
360	8	30	03	0	1	Cs	21.9		9	22		5		44	-3	0	dr.		WADI HALFA
20	4	30	02	0	0	—			13	26		11		34	-3	0			ABU HAMAD
																		1	KAREIMA
350	15	10	07	0	0	—	16.1		17	30		14		60	9	0	0	2	ATBARA
350	11	30	02	0	0	—	15.1		17	31		15		37	2	0	0.6	4	KHARTUM
100	3	30	02	0	0	—	12.2		22	33		16		74	17	0	49	8	KASSALA
360	5	35	02	0	2	As	14.9		19	34		15		32	2	0	20	12	WAD MEDANI
310	12	35	02	1	7	Ci	14.2		19	31		16		49	8	0		49	RENK
310	2	35	02	1	3	Ci	13.5		22	35				61	14	0	92	36	ROSEIRES
350	13	30	03	0	1	Ci	17.9		14	28		12		23	-7	0	18	16	EL OBEID
50	4	30	03	0	2	Cs			11	25		9		44	-1	0	13	6	EL FASHER
40	13	30	03	0	2	Ci			14	27		12		34	-2	0		4	GENEINA
20	15	30	03	1	5	Ac	11.8		21	34		18		35	5	0	94	88	MALAKAL
310	9	10	04	0	1	—	12.2		20	33		16		24	-1	0	152	143	WAU
50	5	35	01	1	1	Cs	11.1		20	34		16		33	3	0	215	144	JUBA

HUMIDITY % Mean of day

Station	On 3rd	Diff. from normal
Alexandria	69	+3
Ezbekiya	65	-4
Giza	76	+2
Helwan	68	+10

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 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	197	16	56	270	4
950					
900					
850	1546	5	45	270	4
800					
700	3110	-1		290	19
600					
500	5728	-15		290	32
400	7388	-25		280	66
300					

AIRPORT On At — (blank)

AIRPORT On At — (blank)

UPPER WIND OBSERVATIONS on 3rd

Station	Port Said		Minya		Siwa		Hurghada		Asyut		Matruh		Kharga		Almaza		S. Barani	
Time	14		14		14		14		14		14		14		14	30	14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	4	340	8	280	11	340	35	320	14	290	12	120	19	280	8	310	22
600	240	8	330	9	290	11	340		300	19	280	19	30	24	280	10	300	23
1000	250	11	330	10	300	11			340	16	240	15	30	23	280	11	290	20
1500	260	10	350	9	320	18			40	16	270	23	10	18	300	6	280	22
2000	310	14	350	12	310	14			360	15	270	27			310	10	270	30
3000	280	16			300	25			310	13							260	
4000					300	23												
5000					310	29												
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		Almaza	
Time			8		2								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			310	12	330	9							360	13	300	7							270	10
600			300	13	330	14							10	14	10	22							340	12
1000			90	12	330	15							10	20	20	25							340	15
1500			300	11									10	27	10	28							330	16
2000																							360	17
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				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	8	300	4			20	15																
600	200	9	300	4			20	31			40	25			20	13								
1000	350	6	290	10			20	39			40	22			30	34								
1500	330	4	290	10							300	9			10	13								
2000	340	9	300	8											350	7								
3000	330	18									280	19			60	12								
4000	340	14									240	20			130	6								
5000	310	14													100	8								
6000	320	16																						
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.

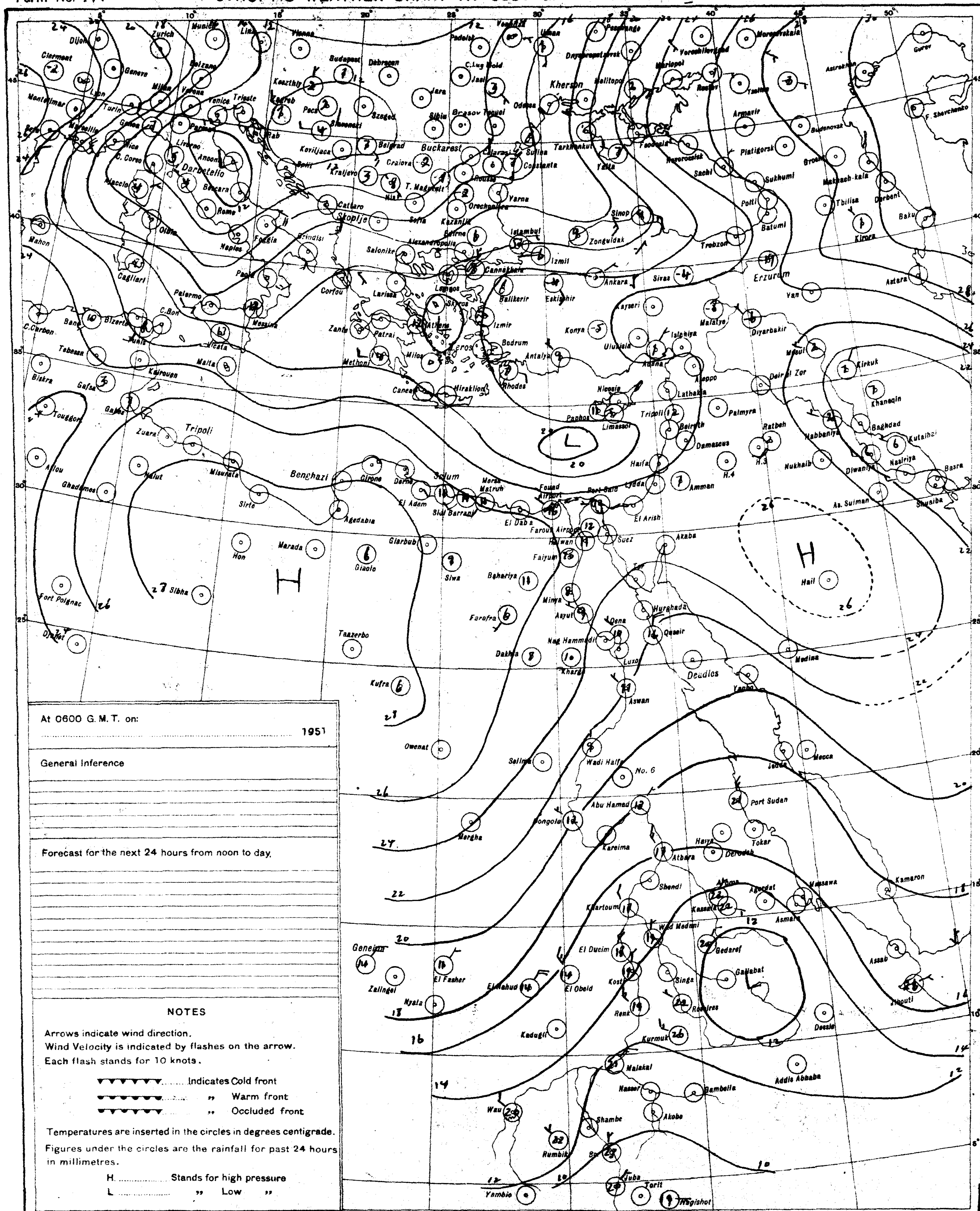
Note: All times are G.M.T.

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

Annual Subscription P.T. 60

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 4-1-1952*



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

		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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 09 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date : Saturday 5th January, 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	SALÛM	270	5	15	03	1	5	Sc,Cu	24.8	17	52	7
	303	SÎDI BARÂNI	320	12	30	02	2	6	Cu,Ac	24.2	17	46	5
	306	MATRÛH	300	9	14	02	1	4	Sc	24.6	18	49	7
	309	EL DAB'A	320	8	35	02	1	4	Cu		17	52	7
		ALEXANDRIA	310	11	50	03	2	7	Ac	23.8	18	60	10
	318	FOUAD (Airport)	320	12	18	02	2	7	Cu,Sc	23.7	18	60	10
	330	DAMIETTA	320	2	35	01	1	2	Cu	23.5	18	60	10
	333	PORT SA'ÎD											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	9	15	02	1	2	Cu	22.7	20	46	8
	342	MANSÛRA	340	3	35	02	1	2	Cu	23.4	20	56	11
	348	TANTA	220	5	35	01	1	4	Cu	22.6	19	64	12
	354	ZAGAZIG	00	0	50	03	1	3	Cu	23.0	19	64	12
	441	ISMAILIA	360	2	35	03	2	7	Cu	23.6	20		
Cairo Area	366	FAROUK (Airport)	300	9	10	03	1	4	Sc	22.8	18	60	10
	372	ALMÂZA	20	5	30	03	1	5	Cu	23.5	18	68	12
		EZBEKIYA	320	4	18	02	1	5	Cu	23.5	20	46	8
		GÎZA	320	4	18	02	1	5	Cu	23.0	19	46	7
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	00	0	35	03	1	3	St	23.6	20	46	8
	387	MINYA	360	10	10	03	1	5	Cu,Ci	23.0	19	46	7
	393	ASYÛT MANQABÂD	360	10	30	03	1	3	Ci	22.8	19	40	5
	399	NAG' HAMMÂDI	320	2	15	03	1	5	Sc		19?		
	402	QENA	320	2	35	01	1	7	Ci	21.1	19	46	7
	405	LUXOR	360	4	30	02	1	3	Cs	20.2	20	35	4
	414	ASWÂN	320	4	50	00	0	0	—	19.6	20	33	3
Oases	417	SÎWA	00	0	14	03	0	3	—	25.4	19	40	5
	420	BAHARÎYA	360	2	35	02	1	4	Ac	23.9	19	52	9
	423	FARAFRA	360	3	35	02	2	5	Ac	24.8	19	46	7
	432	DAKHLA	360	11	50	01	1	2	Cu	23.5	18	37	3
	435	KHARGA	360	10	15	02	2	4	Ci	22.3	19	46	7
Red Sea	450	SUEZ	40	5	50	03	0	5	Cu	22.9	18	40	4
	459	TÔR	340	5	50	02	0	0	—	22.6	18	60	10
	462	HURGHADA	10	14	30	03	1	5	Cs	20.3	19	52	9
	465	QUSEIR	360	19	35	02	0	0	—	19.7	20	64	13
	641	PORT SÛDÂN	50	19	10	05	2	6	Ac	14.2	26	58	17
North Sûdân	600	WÂDI HALFA	360	17	30	03	0	2	Ci	18.2	23	26	2
	640	ABU HAMAD	360	5	30	02	0	0	—		25	26	4
	660	KAREIMA	360	12	30	02	0	0	—	14.7	25	21	1
	680	'ATBARA	360	5	30	02	0	0	—	10.9	28	29	8
	721	KHARTUM	20	10	30	02	2	6	Cs	10.8	29	31	10
	730	KASSALA	30	7	30	03	0	2	Cs	7.1	31	29	11
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID			30	03	0	3	Ci				1
	760	EL FÂSHER	50	9	30	03	0	6	Ci		25	22	2
	770	GENEINA			30	03	0	3	Ci				-2
S. Sûdân	840	MALAKÂL	20	18	10	05	1	4	Ci	6.2	32	22	8
	880	WÂU		13	10	04	0		Ci	6.3	33	17	5
	941	JUBA	50	5	15	04	2	7	Cs	5.1	34	25	11

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.
SALÛM	270	2	15	03	2	6	Sc,Cu	25.1	15	59	7	0
SÎDI BARÂNI	250	4	15	02	2	7	Sc,Ac	25.1	14	67	8	0
MATRÛH	240	5	10	01	1	1	Sc	25.9	11	82	8	0
EL DAB'A	00	0	7	00	0	0	—		12	88	10	0
ALEXANDRIA	40	5	35	03	2	7	Ac	25.4	16	68	10	0
FOUAD (Airport)	00	0	12	02	8	7	Ac	25.2	15	82	12	dr
DAMIETTA	320	2	7	01	0	1	Cu	25.2	13	88	11	0
PORT SA'ÎD	300	3	12	01	0	0	—	25.1	15	95	14	0
EL 'ARISH												
DAMANHÛR												
MANSÛRA	360	3		00	1	0	—	25.5	14	77	10	0
TANTA	00	0	35	01	1	3	Cu	23.9	12	63	5	0
ZAGAZIG			35	02	1	0	—	24.6	13	88	11	0
ISMAILIA												
FAROUK (Airport)	90	6	10	01	1	1	Sc	25.4	13	77	9	0
ALMÂZA	60	1	12	00	0	0	—	25.0	15	77	11	0
EZBEKIYA	00	0	12	00	0	0	—	25.2	13	82	10	0
GÎZA	00	0	12	00	0	0	—	24.7	11	88	9	0
HELWÂN												
FAIYÛM	00	0	35	01	1	0	—	25.8	13	77	9	0
MINYA	360	4	8	00	1	0	—	24.5	10	71	5	0
ASYÛT MANQABÂD	270	4	10	02	4	1	Ci	24.5	12	77	8	0
NAG' HAMMÂDI												
QENA	270	2	7	02	1	1	—	22.1	14	67	8	0
LUXOR												
ASWÂN	320	5	15	00	0	0	—	21.0	15	48	4	0
SÎWA	00	0	10	00	0	0	—	25.1	12	63	5	0
BAHARÎYA	360	2	15	02	1	0	—	24.6	12	77	8	0
FARAFRA	320	2	15	02	2	3	Ci	25.4	13	55	4	0
DAKHLA	340	8	35	00	2	0	—	24.4	13	44	1	0
KHARGA	00	0	15	00	0	0	—	24.0	13	55	4	0
SUEZ	00	0	35	01	0	0	—	22.8	14	67	8	0
TÔR	310	2		02	0	0	—	22.0	17	52	7	0
HURGHADA	320	16	14	02	1	2	Cs	21.1	17	52	7	0
QUSEIR	330	13	15	02	0	0	—	19.8	17	52	7	0
PORT SÛDÂN	340	9	30	01	2	1	Sc	16.9	22			0
WÂDI HALFA	360	20	30	01	0	0	—	20.2	15	32	-2	0
ABU HAMAD	360	6	30	02	0	0	—		19	28	0	0
KAREIMA	360	13	30	02	0	0	—	17.8	21	17	-5	0
'ATBARA	350	13	10		1	0	—	18.8	22	36	6	0
KHARTUM	360	12	30	01	2	2	—	13.2	23	38	8	0
KASSALA	360	4	30	01	0	0	—	10.6	24	50	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	8	30	01	1	0	—	13.3	19	24	-2	0
EL FÂSHER	40	6	30	01	2	4	Ci		19	24	-2	0
GENEINA												
MALAKÂL	300	5	30	01	1	0	—	9.1	25	39	10	0
WÂU	310	2	10	04	0	0	—	8.6	25	39	10	0
JUBA	50	2	30	04	2	6	Cs	6.5	25	48	13	0

At 0600 on Saturday 5th January, 1952

Station	Wind 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	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	270	9	15	03	2	7	Sc,Cu	23.4	+5.7	12	19	0	9	0	63	5	0	Rain	
SÎDI BARÂNI	220	3	15	02	2	7	Ac	23.4		12	18				63	5	0	59	
MATRÛH	290	8	18	02	2	7	Sc	23.9	+5.3	12	18		10		72	7	0	Rain	
EL DAB'A	00	0	15	01	1	3	Cu			10	18		7		88	8	0	93	
ALEXANDRIA	130	5	35	04	2	7	Ac	23.8	+4.8	14	20	+1	13	+2	77	10	0	80	105
FOUAD (Airport)											19	+1							75
DAMIETTA	290	2	7	11	1	1	Cu	24.0	+6.0	10	18	-1	9	0	88	8	0	94	44
PORT SA'ÎD											18	0							
EL 'ARISH																			
DAMANHÛR	270	5		02	1	1	Ac	24.0	+5.4	10			8	0	76	6	0	53	40
MANSÛRA	270	3	35	00	4	0	—	23.9	+5.4	7	21	+1	6	-2	88	5	0	12	17
TANTA	00	0		03	2	8	As	23.3	+4.2	6	20	0	3	-4	97	6	0	27	15
ZAGAZIG	00	0	35	02	0	0	—	23.4	+4.3	5			3	-4	81	2	0	12	10
ISMAILIA	290	2	35	01	0	0	—	24.2		10			8		88	8	0	22	
FAROUK (Airport)																			
ALMÂZA											20	+1							
EZBEKIYA	00	0	0.7	44	4	9	—	24.4	+5.0	9	20	0	8	0	94	8	0	49	9
GÎZA	00	0	0.7	44	4	9	—	23.1	+3.5	8	20	+1	6	0	88	6	0	45	10
HELWÂN																			9
FAIYÛM	00	0	15	02	0	0	—	23.3?	+4.3	10	21	0	6	0	88	8	0	18	3
MINYA	340	3	6	00	0	0	—	22.4	+2.2	7	20	0	4	-1	88	5	0	dr.	
ASYÛT MANQABÂD											20	-1							
NAG' HAMMÂDI	00	0		03	2	5	Cu,Ac	22.2	+2.4	10							0	0.1	
QENA	320	2	15	02	1	7	Ci	22.1	+3.1	10	20	-3	5	-2	76	6	0	dr.	
LUXOR																			
ASWÂN	320	4	50	01	1	2	Ci	24.9	+5.8	11	21	-2	7	-4	63	4	0	dr.	
SÎWA	00	0	13	03	0	3	Ci	24.6	+3.9	5	20	0	4	0	75	1	0	5	5
BAHARÎYA	360	2	35	02	0	0	—	24.7	+4.4	10	19	-1	3	-2	76	6	0	dr.	4
FARAFRA	180	1	35	02	2	1	Ac	24.8		9	19		4		71	4	0	dr.	
DAKHLA	340	11	50	00	0	0	—	25.0	+4.4	8	19	-3	6	+1	71	3	0	dr.	
KHARGA	40	1	15	03	1	2	Ci	21.9	+2.5	11	20	-2	5	-2	51	1	0	dr.	
SUEZ	00	0	50	00	0	0	—	22.7	+3.8	11	20	0	7	-3	77	7	0	18	9
TÔR	20	2	50	02	0	0	—	21.8	+3.8	11			7	-2	63	4	0	1	7
HURGHADA	290	11	30	02	0	1	Ci	21.1	+3.6	13	19	-2	9	-1	63	6	0	0	
QUSEIR	330	13	15	00	0	2	Ci	19.9	+2.2	14	21	-2	13	-1	77	10	0	dr.	4
PORT SÛDÂN	360	19	30	01	2	6	Sc	16.4		21	27		21		61	13	0	Rain	85
WÂDI HALFA	10	8	30	03	0	1	—	20.1		9	23		10		50	-1	0	dr.	
ABU HAMAD	360	7	30	02	0	0	—			13	26		11		51	3	0		
KAREIMA	320	7	30	02	0	0	—	16.4		14	25		11		39	0	0	dr.	1
'ATBARA	10	13	10	07	0	1	Cs	15.1		16	29		13		59	8	0	0	2
KHARTÛM	360	12	30	03	0	2	Ci	14.3		17	30		14		46	5	0	0.6	4
KASSALA	20	3	30	03	1	3	Cs	11.9		17	32		15		49	6	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID											27								16
EL FÂSHER	00	0	30	03	1	7	Cs			8	27		4		58	0	0	13	6
GENEINA	40	9	30	03	0	2	Cs			13	28		10		24	-7	0		4
MALAKÂL	360	18	30	03	1	7	Cs	11.8		21	33		16		38	6	0	94	88
WÂU											33								143
JUBA	20	2	10	04	0	8	Ac	10.2		25	35		18		45	12	0	215	144

HUMIDITY Mean of day

Station	On 4th	Diff. from normal
Alexandria	64	-2
Ezbekiya	70	+1
Giza	77	+3
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 5th 5.0 °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 4th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	205	16	52	360	2
950					
900					
850	1552	4	70	10	11
800					
700	3137	4		340	18
600					
500	5774	-16		320	23
400	7420	-28		300	51
300	9445	-39		300	74

AIRPORT On ______ At ______ (1000–300 mbs.: no entries)

AIRPORT On ______ At ______ (1000–300 mbs.: no entries)

UPPER WIND OBSERVATIONS on 4th

Station	Matruh		Port Said		Almaza		Minya		Siwa		Kharga		S.Barani		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.
300	320	12	340	9	350	9	350	16	30	10	20	24	290	16	340	17	10	20	10	4
600	320	12	340	9	350	11	360	12	40	8	20	33	290	10	340	16	10	22	360	5
1000	310	11	330	11	360	11	350	14	10	8	20	30	310	12	320	13	10	17	10	5
1500	280	8	310	15			20	11	10	9					280	17	40	12	280	4
2000			290	9			10	16	10	10									280	5
3000			340	17					320	9										
4000									350	10										
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada	
Time	8		8										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.
300																						
600	220	15	220	10									20	8	300	4			20	3	300	25
1000	240	14	190	6									30	12	290	6			70	19	320	10
1500	250	16	160	3									30	10	90	3			80	30	310	13
2000	220	5	60	3									170	6	150	7			60	6	20	6
3000	220	10											160	14	130	10			70	11	40	6
4000	240	17											200	11	190	10						
5000															290	8						
6000															300	23						
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						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			340	3			20	21	20	14														
1000			320	3			30	24	50	18	360	17					120	6						
1500			200	5			30	27	50	21	10	25					90	7	30	28				
2000	160	10	110	2			360	32	40	15	40	9					20	3	60	15				
3000	200	10	10	3																				
4000	250	19							70	18	280	3					360	9	210	15				
5000	260	20									320	8												
6000	270	21																						
7000	240	38																						
8000	250	43																						

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.

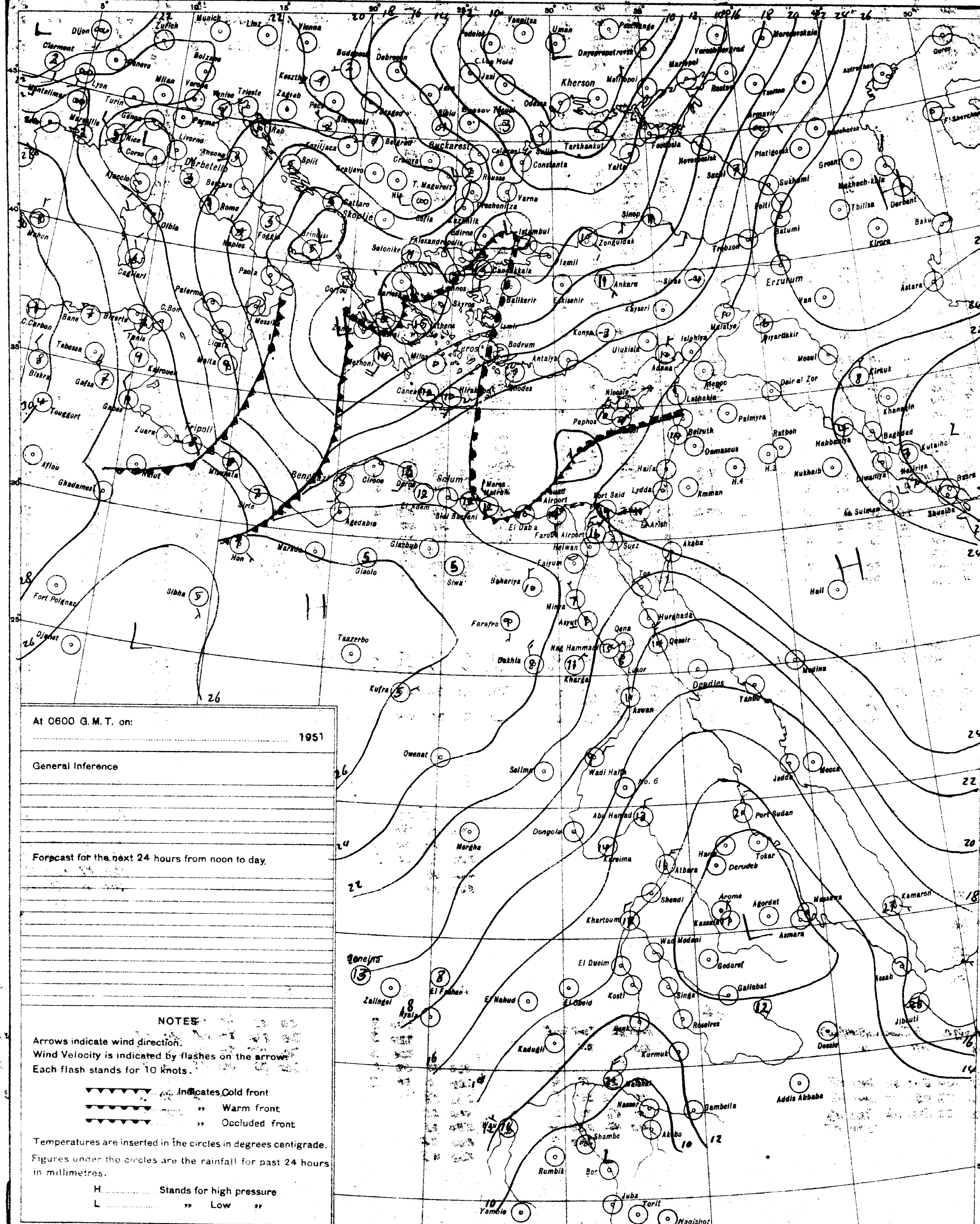
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/551)-(50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Saturday 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 ,,

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.
" " Sunset 15 09 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 6th January, 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	SALÛM	270	9	35	03	2	8	As	20.4	18	46	6
	303	SÎDI BARÂNI											
	306	MATRÛH	265	5	18	02	2	7	Sc, Cu	20.9	17	42	4
	309	EL DABʻA											
		ALEXANDRIA	270	11	50	03	2	7	Cu, SC	21.0	16	68	10
	318	FOUAD (Airport)											
	330	DAMIETTA	140	2	15	03	1	4	SC	20.8	14	72	9
	333	PORT SAʻÎD											
	336	EL ʻARISH											
LOWER EGYPT	339	DAMANHÛR	270	5	15	02	1	6	cu	21.1	19	52	9
	342	MANSÛRA	90	3	35	03	2	4	as	20.6	20	56	11
	348	TANTA	00	0	35	01	1	4	Cu	20.0	19	46	7
	354	ZAGAZIG	40	1	50	03	1	3	Cu	19.9	19	64	12
	441	ISMAʻÎLÎA	40	2	35	01	1	3	Ci	20.6	19	46	7
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMÂZA											
		EZBEKÎYA	360	4	18	02	1	3	Cu, ac	20.3	20	46	8
		GÎZA	360	4	18	02	1	3	Cu, ac	19.6	19	52	9
	378	HELWÂN	20	2	35	02	1	1	Cu	19.5	18	46	6
UPPER EGYPT	381	FAIYÛM	360	6	35	03	1	2	Ci	21.2	20	41	6
	387	MINYA	360	7	8	00	0	0	—	18.9	20	41	6
	393	ASYÛT MANQABÂD	00	0	30	00	0	0	—	19.4	20	46	8
	399	NAGʻ HAMMÂDI	00	0	7	00	1	0	—	18.2	19	52	9
	402	QENA	240	2	50	00	0	0	—	18.8	20	46	8
	405	LUXOR											
	414	ASWÂN	290	6	50	00	0	0	—	17.1	22	29	3
OASES	417	SÎWA	220	5	14	02	1	3	Ci	22.7	18	37	3
	420	BAHARÎYA	320	2	35	02	1	2	Ac	21.2	18	60	10
	423	FARAFRA											
	432	DAKHLA	360	5	50	00	0	0	—	20.4	19	52	9
	435	KHARGA	360	1	35	00	0	0	—	18.6	20	41	6
RED SEA	450	SUEZ	310	5	50	03	0	1	Cu	19.1	19	49	8
	459	TÔR	340	5	50	02	0	0	—				
	462	HURGHÂDA	360	3	30	02	1	1	Cu	18.8	20	53	10
	465	QUSEIR	20	13	15	02	1	2	Ci	17.4	22	65	15
	641	PORT SÛDÂN	40	21	7	05	1	2	Cu, ac	13.0	27	62	19
NORTH SÛDAN	600	WÂDI HALFA	350	7	50	02	0	1	CS	16.7	21	28	2
	640	ABU HAMAD	90	4	30	03	0	3	CS		27	30	8
	660	KAREIMA	70	4	30	02	0	0	—	13.9	25	30	6
	680	ʻATBARA	40	7	30	02	0	0	—	10.0	28	31	9
	721	KHARTÛM	360	10	30	02	1	4	CS	9.7	27	37	11
	730	KASSALA	20	5	30	02	1	3	CS	6.1	33	24	10
CENTRAL SÛDAN	751	WÂD MEDANI	360	9	35	02	2	8	Ci	7.2	33	26	10
	801	RENK	310	13	35	02	1	4	Ci	7.9	31	29	11
	802	ROSEIRES	310	5	35	02	0	2	Ci	7.2	35	30	15
	[illegible]	EL OBEID	30	5	30	03	2	2	CS	9.0			-3
	760	EL FÂSHER	50	9	30	02	2	7	CS		25	19	0
	770	GENEINA	80	7	30	03	1	3	Ci		28	10	-6
S. SÛDAN	840	MALAKÂL	40	10	30	03	2	7	CS	5.8	33	19	6
	880	WÂU	290	8	10	04	0	1	Ci	6.6	32	18	5
	941	JUBA	50	2	15	04	2	3	Ci	3.7	35	22	10

At 1800 on Saturday 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.
SALÛM												
SÎDI BARÂNI												
MATRÛH												
EL DABʻA												
ALEXANDRIA	270	10	35	03	2	6	ac	20.4	15	68	9	0
FOUAD (Airport)												
DAMIETTA	220	2	7	02	1	5	NS	20.7	12	97	12	0
PORT SAʻÎD												
EL ʻARISH												
DAMANHÛR	270	5	15	02	1	6	cu	20.6	14	77	10	0
MANSÛRA	20	3		03	2	6	ac	20.6	14	77	10	0
TANTA	00	0	35	01	1	3	Cu	20.2	12	63	5	0
ZAGAZIG												
ISMAʻÎLÎA												
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	00	0	12	00	0	0	—	20.6	14	72	9	0
GÎZA	00	0	12	00	0	0	—	20.3	12	77	8	0
HELWÂN	360	5	15	01	2	4	ac	20.3	15	59	7	0
FAIYÛM	00	0	35	02	1	2	Ci	20.2	12	77	8	0
MINYA	320	3	8	00	0	0	—	19.5	10	67	4	0
ASYÛT MANQABÂD	230	3	10	00	0	0	—	20.0	14	52	4	0
NAGʻ HAMMÂDI	00	0		00	0	0	—	21.1	11	77	7	0
QENA	240	2	7	00	0	0	—	20.6	15	68	9	0
LUXOR												
ASWÂN	320	4	15	00	0	0	—	18.8	18	28	-1	0
SÎWA												
BAHARÎYA												
FARAFRA												
DAKHLA	340	11	35	00	0	0	—	21.8	12	65	3	0
KHARGA	10	1	35	00	1	0	—	20.3	14	63	7	0
SUEZ	310	7	35	03	0	3	Cu	19.0	15	68	9	0
TÔR	360	9		02	0	0	—	18.4	17	52	7	0
HURGHÂDA												
QUSEIR	360	9	15	01	1	0	—	17.5	18	37	3	0
PORT SÛDÂN	350	10	30	01	2	4	ac	15.9	23	61	15	0
WÂDI HALFA	340	5	30	01	0	0	—	18.4	16	42	3	0
ABU HAMAD	310	2	30	02	0	0	—		21	41	7	0
KAREIMA	310	9	30	02	0	0	—	14.5	19	32	2	0
ʻATBARA	340	5	30	02	0	0	—	11.5	24	34	7	0
KHARTÛM	350	9	30	01	0	0	—	11.6	23	41	9	0
KASSALA	360	8	30	01	0	0	—	9.3	25	39	10	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	7	30	02	2	7	CS	12.5	19	30	1	0
EL FÂSHER	70	2	50	02	2	7	Ci		18	30	0	0
GENEINA	10	4	30	02	2	0	—		22			0
MALAKÂL	30	6	30	02	2	8	CS	8.0	25	39	10	0
WÂU	290	2	10	04	0	0	—	7.7	27	30	8	0
JUBA	00	0	30	04	1	1	Ci	5.8	27	40	12	0

At 0600 on Sunday 6th January, 1952

Station	Wind 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	290	19	15	00	0	1	Cu	21.1	+3.4	11			8	-1	63	4	0	Rain	
SÎDI BARÂNI																			
MATRÛH	240	11	30	02	1	4	Cb, ac	20.3	+1.7	10			8	-1	77	6	0	Rain	
EL DABʻA																			
ALEXANDRIA	220	15	50	03	2	4	Cu	19.6	+0.6	15	18	-1	12	+1	68	9	0	80	107
FOUAD (Airport)																			77
DAMIETTA											18	-1							45
PORT SAʻÎD																			
EL ʻARISH																			
DAMANHÛR											20	0							40
MANSÛRA	320	3	35	00	0	0	—	20.0	+1.5	10	22	+2	8	0	76	6	0	12	18
TANTA	220	2	35	02	0	0	—	19.8	+0.6	9	21	+1	6	-1	88	7	0	27	15
ZAGAZIG	220	1	35	02	0	0	—	19.9	+0.8	8			3	-4	88	6	0	12	10
ISMAʻÎLÎA																			
FAROUK (Airport)																			
ALMÂZA																			
EZBEKÎYA	90	4	12	00	0	0	—	21.0	+1.6	10	20	0	8	0	82	7	0	49	9
GÎZA	90	4	12	00	0	0	—	20.6	+1.0	10	20	+1	5	-1	88	8	0	45	11
HELWÂN	00	0	3	05	0	0	—	21.4	+1.8	10	19	0	9	0	88	8	0	51	10
FAIYÛM	00	0	15	02	1	2	Ci	21.6	+2.0	8	20	-1	6	0	88	6	0	18	3
MINYA	340	2	8	00	0	1	ac, Ci	20.9	+0.7	6	20	0	3	-2	88	4	0	dr.	
ASYÛT MANQABÂD	260	3	8	10	0	2	Ci	22.2	+2.0	9	21	0	6	-1	82	6	0	dr	
NAGʻ HAMMÂDI	00	0	7	00	0	0	—	21.4	+1.6	10	20	-2	5	-1	88	8	0	0.1	
QENA	220	2	15	00	0	0	—	20.7	+1.6	10	20	-3	8	+1	77	6	0	dr.	
LUXOR	00	0	30	00	0	0	—	19.8	+0.5	10			5		58	2	0	dr.	
ASWÂN											23	0							
SÎWA	00	0	13	00	0	0	—	22.8	+2.1	6			4	0	76	2	0	5	5
BAHARÎYA			35	02	0	0	—	22.4	+2.1	13			6	+1	67	7	0	dr.	4
FARAFRA	00	0	35	02	2	2	ac	23.4		8			5		71	3	0	dr.	
DAKHLA	270	8	50	00	0	0	—	22.8	+2.2	9	20	-2	7	+2	71	4	0	dr.	
KHARGA	00	0	15	00	0	0	—	21.2	+1.8	11			6	0	88	9	0	dr.	
SUEZ	60	3	50	00	0	2	Ci	21.1	+2.2	11	21	+1	7	-3	88	9	0	18	9
TÔR	20	5	15	02	0	0	—	18.8	+0.8	13	23	+2	8	-1	67	7	0	1	7
HURGHADA	290	14	30	02	0	1	Cu	18.0	+0.5	13			9	-1	72	8	0	0	
QUSEIR	310	9	15	02	0	0	—	17.9	+0.2	14	22	-1	13	-1	77	10	0	dr.	4
PORT SÛDÂN	340	12	30	03	1	3	Sc, ac	15.2		23	28		20		65	16	0	Rain	85
WÂDI HALFA	340	3	30	02	0	0	—	19.2		10	23		7		47	-1	0	dr.	
ABU HAMAD	360	3	30	02	0	0	—			17	28		13		52	7	0		
KAREIMA	20	8	30	02	0	0	—	16.8		15	27		11		52	5	0	dr.	1
ʻATBARA	360	7	30	02	0	0	—	13.8		19	29		15		60	11	0	0	2
KHARTÛM	350	10	30	02	0	0	—	13.8		18	30		16		46	6	0	0.6	4
KASSALA	360	12	35	02	0	0	—	12.9		19	34		16		46	7	0	49	8
WÂD MEDANI	360	9	35	02	0	0	—	12.2		19	33		11		40	5	0	20	12
RENK	310	5	35	02	0	2	Ci	13.2		19	33		13		49	8	0		49
ROSEIRES	310	2	35	02	0	2		12.3		20	35		16		56	11	0		36
EL OBEID	340	11	30	02	0	0	—	14.6		15	28		11		34	-1	0	18	16
EL FÂSHER	50	1	30	03	0	2	Ci			9	27		5		44	-3	0	13	6
GENEINA	50	4	30	03	0	2	Ci			12	30		10		26	-7	0		4
MALAKÂL	20	14	30	03	1	5	Cs	11.5		22	35		17		33	5	0	94	88
WÂU	310	2	10	04	0	1	Ci	11.7		20	34		17		38	5	0	152	143
JUBA	00	0	30	04	0	2	ac	9.5		26	36		19		45	13	0	215	144

HUMIDITY
Mean of day

Station	On 5th	Diff. from normal
Alexandria	75	+9
Ezbekiya	77	+8
Giza	80	+6
Helwan	67	+9

GIZA
GRASS MINIMUM TEMP.
On 6th 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 5th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	172	17	46	00	0
950					
900					
850	1530	9	44	270	11
800					
700	3137	7		220	22
600					
500	5818	-13		270	42
400	7471	-27		270	57
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	Kharga		El Arish		Minya		Asyut		Siwa		Hurghada	
Time	14		14		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	12	10	8	40	11	300	3	250	15	50	5
600	10	17	40	10	350	9	240	3	260	15	90	5
1000	20	19	50	6	360	8	220	4	260	13	40	5
1500			160	4	320	8	180	3	240	13	220	2
2000			190	11			210	13	290	10		
3000			200	20			220	15	270	23		
4000			210	23			230	13	270	27		
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArish		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada	
Time	8		5								6	30	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.
300	300	26	250	16							180	2	10	11							320	22
600	310	16	270	20							290	17	350	19							330	30
1000	310	17	270	21							300	15	340	16							330	17
1500	290	12									320	11	310	20							320	16
2000																					320	11
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		5		4		5		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			240	19			20	18	360	11														
600			240	19			30	24	20	12	80	21	50	13	10	21	70	5						
1000			240	40			10	22	30	16	90	16	50	11	30	22	50	9			10	13		
1500			240	32					30	13	360	15	50	20	90	5	10	11			20	7		
2000																	310	13						
3000									350	4	10	10	320	10	300	6	230	5			50	16		
4000													270	1							30	27		
5000															10	8					60	11		
6000																								
7000																								
8000																								

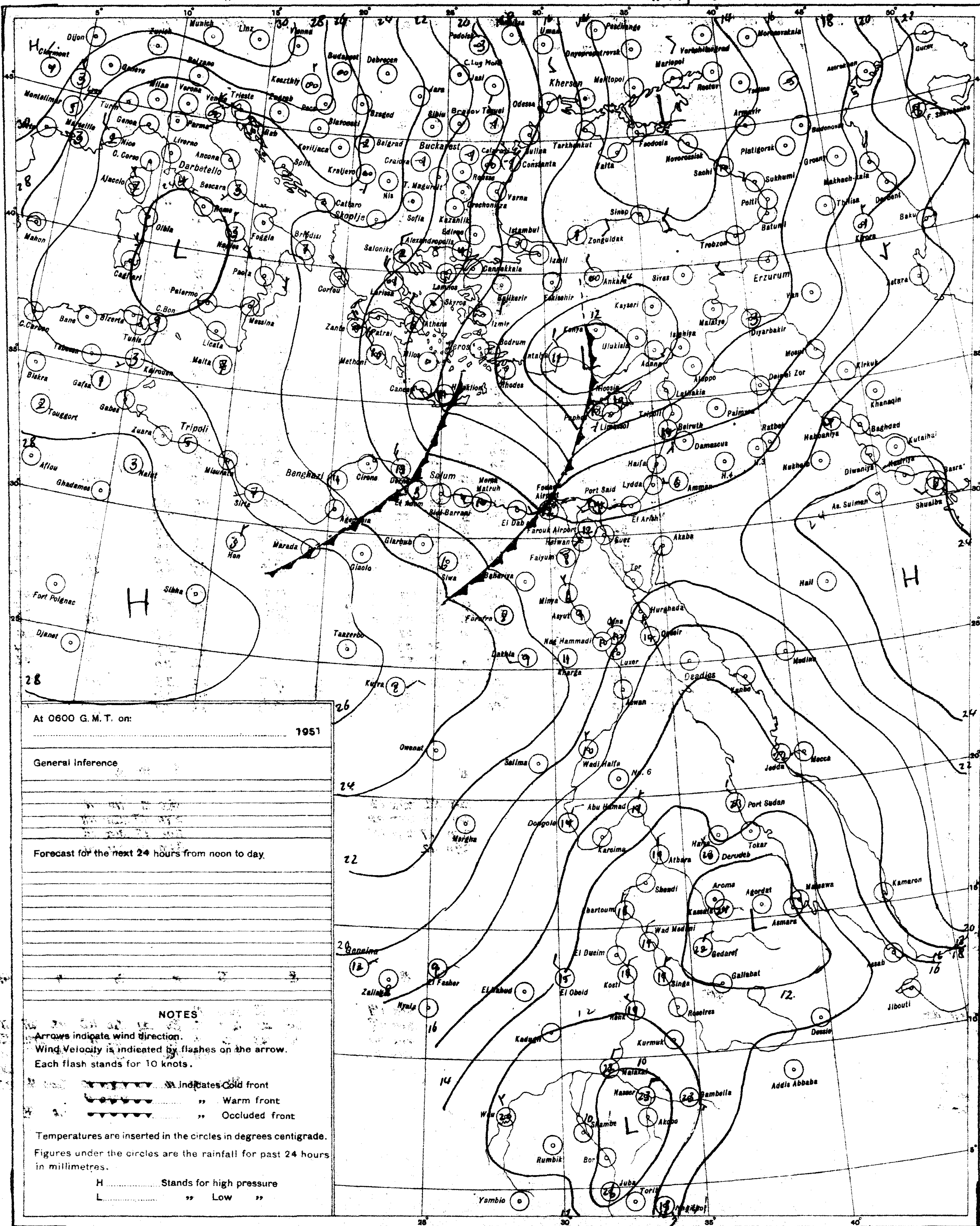
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Sunday 6-1-1952



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 / 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.
" " Sunset 15 10 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 7th January 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	200	13	15	03	2	7	Sc,Cu	20.3	15	59	7
	303	SÎDI BARÂNI	300	16	18	02	6	8	Cu,Sc	19.6	16	52	6
	306	MATRÛH	270	13	14	50	5	8	Ns,Ac	19.9	14	67	8
	309	EL DABʻA	270	11	35	02	1	4	Ns		17	52	7
		ALEXANDRIA	270	12	50	03	5	8	Cu,Sc	18.8	16	59	8
	318	FOUAD (Airport)	340	12	14	02	8	7	Cu,Sc	18.8	16	64	9
	330	DAMIETTA	250	5	7	03	1	7	Sc,Cu	18.6	16	68	10
	333	PORT SAʻÎD	270	11	10	03	0	5	Sc	18.2	18	60	10
	336	EL ʻARISH											
Lower Egypt	339	DAMANHÛR	310	9	15	02	1	2	Cu	18.7	20	46	8
	342	MANSÛRA	[illegible]	5	35	03	2	6	Sc,Cu	19.2	17	68	11
	348	TANTA	270	2	35	01	1	4	Cu	18.4	17	60	9
	354	ZAGAZIG	220	1	50	02	0	0	—	18.2	20	46	8
	441	ISMAÎLIA	290	5	35	01	1	2	Ci	18.6	19	37	4
Cairo Area	366	FAROUK (Airport)	290	10	30	03	0	1	Cu	19.3	18	56	9
	372	ALMÂZA	320	9	50	00	0	0	—	18.7	18	46	6
		EZBEKÎYA	270	4	18	00	0	0	—	19.2	19	40	5
		GÎZA	270	4	18	00	0	0	—	18.4	20	41	6
	378	HELWÂN	320	2	35	02	0	0	—	18.8	18	46	6
Upper Egypt	381	FAIYÛM	360	4	35	01	0	0	—	17.8	19	46	7
	387	MINYA	340	10	8	00	0	0	—	18.9	19	30	1
	393	ASYÛT MANQABÂD	340	10	30	00	0	0	—	19.1	18	46	6
	399	NAGʻ HAMMÂDI	260	2	15	00	0	0	—	17.9	21	50	10
	402	QENA	270	2	50	00	0	0	—	17.2	20	28	1
	405	LUXOR	320	4	30	00	0	0	—	16.6	21	33	4
	414	ASWÂN	340	6	50	00	0	0	—	15.6	23	24	1
Oases	417	SÎWA	270	9	14	00	0	0	—	22.0	18	40	4
	420	BAHARÎYA	220	3	35	02	0	0	—	20.6	18	52	8
	423	FARAFRA	[illegible]	4	35	02	0	0	—	21.4	17	[illegible]	7
	432	DAKHLA	[illegible]	11	[illegible]	00	0	0	—	20.4	17	42	4
	435	KHARGA	[illegible]	10	[illegible]	00	0	0	—	19.8	19	[illegible]	9
Red Sea	450	SUEZ	310	4	50	01	0	0	—	18.0	19	37	4
	459	TÔR	310	9	50	02	0	0	—	16.9	17	42	4
	462	HURGHADA	340	18	30	01	1	1	—	15.8	19	64	12
	465	QUSEIR	[illegible]	7	15	02				[illegible]	21	57	12
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA	350	12	50	02	0	0	—	14.7	24	30	5
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʻATBARA	50	6	30	02	0	0	—	8.5	29	27	8
	721	KHARTÛM	360	5	30	02	0	0	—	8.7	31	29	11
	730	KASSALA	320	2	30	02	0	0	—	5.1	33	30	13
Central Sûdân	751	WÂD MEDANI	310	9	35	02	0	0	—	6.8	32	15	2
	801	RENK	310	9	50	02	0	2	Ci	7.9	32	21	7
	802	ROSEIRES	310	2	35	02	0	0	—	5.0	34	25	11
	771	EL OBEID	20	10	30	02	0	0	—	9.4	27	17	0
	760	EL FÂSHER	20	6	30	02	0	0	—		25	24	3
	[illegible]	GENEINA	70	6	30	02	0	1	Ci		29	11	-5
S. Sûdân	840	MALAKÂL											
	880	WÂU	250	7	30	02	0	0	—	6.2	33	14	2
	941	JUBA											

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	320	9	15	02	0	8	Sc,Cu	21.6	13	67	7	0
SÎDI BARÂNI											8	6
MATRÛH												
EL DABʻA	290	18	7	03	2	8	St		14	77	10	0
ALEXANDRIA	310	10	35	03	5	6	Cu,Sc	19.9	15	59	7	dr.
FOUAD (Airport)	350	7	12	01	6	6	Sc	19.8	15	59	7	dr.
DAMIETTA	220	2		02	1	7	Sc	20.0	14	77	10	0
PORT SAʻÎD	310	8	14	02	2	7	Sc	20.0	15	77	11	0
EL ʻARISH	250	2	18	03	2	5	Cu,Ac	18.9	13	88	11	0
DAMANHÛR	230	5		02	1	6	Ac	19.9	14	77	10	0
MANSÛRA	360	3		03	2	8	Sc,Cu	20.0	14	63	7	0
TANTA	00	0	35	01	1	3	Cu	19.9	13	77	9	0
ZAGAZIG	00	0	35	03	1	6	Cu	20.0	14	77	10	0
ISMAÎLIA												
FAROUK (Airport)	360	8	12	01	2	7	Sc	20.6	14	82	11	0
ALMÂZA	20	10	12	03	2	7	Sc	20.3	14	88	12	0
EZBEKÎYA	360	4	12	02	1	6	Cu,Ac	20.8	14	77	10	0
GÎZA	360	4	12	02	1	6	Cu,Ac	20.3	13	77	9	0
HELWÂN	320	8	7	01	0	5	Ac	20.6	14	67	8	0
FAIYÛM	00	0	35	02	0	0	—	20.5	13	67	7	0
MINYA	00	0	8	00	0	0	—	19.9	10	62	3	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	20.4	12	55	3	0
NAGʻ HAMMÂDI	270	1	7	00	0	0	—	20.6	12	63	5	0
QENA												
LUXOR												
ASWÂN	00	0	15	00	0	0	—	16.5	19	30	1	0
SÎWA	250	4	10	00	0	0	—	22.6	12	51	2	0
BAHARÎYA	00	0	15	02	0	0	—	21.6	10	77	6	0
FARAFRA	360	1	10	02	0	0	—	22.2	11	63	4	0
DAKHLA	320	8	35	00	0	0	—	23.1	12	55	3	0
KHARGA	00	0	15	00	0	0	—	20.8	13	44	1	0
SUEZ												
TÔR	20	2	7	02	0	0	—	18.0	13	67	7	0
HURGHADA	340	9	12	00	0	0	—	17.0	14	67	8	0
QUSEIR	330	13	15	02	0	0	—	17.5	19	64	12	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʻATBARA												
KHARTÛM	360	7	30	02	0	0	—	11.7	25	45	12	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA	20	3	30	01	[illegible]	0	—				-7	0
MALAKÂL												
WÂU	290	2	30	02	0	0	—	7.6	28	27	7	0
JUBA	00	0	30	04	2	8	Ac,Cs	6.4	26	74	21	0

At 0600 on Monday 7th 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.
SALUM	320	9	15	03	2	6	Cb	22.0	+4.3
SÎDI BARÂNI	200	5	14	02	8	8	Cu,Sc	20.9	
MATRÛH	240	11	15	01	2	2	Cb	21.4	+2.8
EL DABʻA	250	3	15	03	2	8	St		
ALEXANDRIA	180	3	35	04	5	8	Cu,Sc	20.4	+1.4
FOUAD (Airport)	200	2	18	02	2	7	Cu,Sc	20.0	+2.1
DAMIETTA	220	2		01	2	7	Sc	20.7	+2.7
PORT SAʻÎD	260	10	14	02	2	7	Ac	20.0	+2.0
EL ʻARISH									
DAMANHÛR	230	5	15	02	1	3	Ac	20.0	+1.4
MANSÛRA	270	3	35	03	2	5	Sc,Cu	20.7	+2.2
TANTA	00	0	15	03	2	7	Sc,Cu	19.6	+0.4
ZAGAZIG	220	1	35	03	1	5	Cu	20.3	+1.2
ISMAÎLIA	320	2	35	03	2	8	Ac	20.2	
FAROUK (Airport)	270	5	10	02	2	7	Sc	21.3	
ALMÂZA	290	5	12	02	2	8	Sc	20.7	+1.7
EZBEKÎYA	00	0	12	02	1	8	Ci	21.2	+1.8
GÎZA	00	0	12	02	1	8	Ci	20.3	+0.7
HELWÂN	00	0	7	00	2	8	Sc	21.2	+1.6
FAIYÛM	00	0	35	01	0	0	—	21.1	[illegible]
MINYA	00	0	8	00	1	0	—	20.8	+0.5
ASYÛT MANQABÂD	250	4	6	10	0	0	—	22.0	+1.7
NAGʻ HAMMÂDI	00	0	7	00	0	0	—	21.0	+1.2
QENA	320	2	15	00	0	0	—	20.6	+1.5
LUXOR	00	0	30	00	0	0	—	19.3	0.0
ASWÂN	340	5	50	00	0	0	—	19.2	+0.1
SÎWA	00	0	13	03	0	2	Ac	22.8	+2.1
BAHARÎYA	320	2	35	02	0	0	—	23.0	+2.7
FARAFRA	00	0	15	02	0	0	—	23.3	
DAKHLA	340	11	35	00	0	0	—	22.3	+1.7
KHARGA	00	0	15	00	0	0	—	21.5	+2.0
SUEZ	40	4	50	00	2	8	Cs	20.8	+1.9
TÔR	20	5	35	02	0	0	—	18.3	+0.3
HURGHADA	290	13	30	02	1	1	Cu	17.5	-0.1
QUSEIR	330	12	15	02	0	0	—	17.9	+0.2
PORT SÛDÂN	360	12	50	02	0	8	Cb	16.0	
WÂDI HALFA	340	9	30	02	0	0	—	19.5	
ABU HAMAD	360	10	30	02	0	0	—		
KAREIMA	30	7	30	02	0	0	—	16.7	
ʻATBARA	350	9	30	02	0	0	—	14.4	
KHARTÛM	340	9	30	02	0	0	—	13.7	
KASSALA	100	4	30	02	0	0	—	10.7	
WÂD MEDANI									
RENK	310	9	35	02	0	0	—	14.1	
ROSEIRES	310	2	35	02	0	0	—	14.5	
EL OBEID	360	10	30	02	0	0	—	15.7	
EL FÂSHER									
GENEINA	50	6	30	03	0	2	Ci		
MALAKÂL	360	10	30	02	0	1	Ci	12.3	
WÂU	310	5	10	04	2	8	[illegible]	11.0	
JUBA	180	5	30	04	0	8	Sc,Ac	11.5	

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	12	17	-2	10	+1	77	8	0	Rain	
SÎDI BARÂNI	10	16		10		94	9	6	65	
MATRÛH	9			9		74	8	1	Rain	
EL DABʻA	11					88	9	0	90	
ALEXANDRIA	14	19	0	13	+2	71	10	dr.	80	109
FOUAD (Airport)	13	18	0	13	+3	88	11	1	86	78
DAMIETTA	13	18	-1	10	+1	82	10	0	94	46
PORT SAʻÎD	14	19	+1	14	+2	77	10	0	42	
EL ʻARISH		18								
DAMANHÛR	11	21	+1	10	+2	83	7	0	53	41
MANSÛRA	12	20	0	11	+3	88	10	0	12	18
TANTA	12	20	0	9	+2	88	10	0	27	15
ZAGAZIG	12	21	+1	8	+1	88	10	0	12	11
ISMAÎLIA	13			11		77	9	0	22	
FAROUK (Airport)	13	18		12		77	9	0	Rain	
ALMÂZA	13	19				77	9	0	Rain	
EZBEKÎYA	13	20	0	12	+4	77	9	0	49	10
GÎZA	12	21	+2	9	+3	88	10	0	45	11
HELWÂN	12	18	-1	11	+2	77	8	0	51	10
FAIYÛM	12	26	-1	8	+2	55	3	0	18	[illegible]
MINYA	5	19	-1	3	-2	97	5	0	dr.	
ASYÛT MANQABÂD	9	18	-3	6	-1	82	6	0	dr.	
NAGʻ HAMMÂDI	10	21	-1	4	-2	94	9	0	0.1	
QENA	9			6	-1	71	4	0	dr.	
LUXOR	9			5		62	2	0	dr.	
ASWÂN	13	23	0	10	0	55	4	0	dr.	
SÎWA	9	[illegible]	[illegible]	7	+3	62	2	0		5
BAHARÎYA	7	19	-1	2	-3	87	5	0	dr.	4
FARAFRA	9	18		3		71	4	0	dr	
DAKHLA	7	18	-4	5	0	71	2	0	dr.	
KHARGA	9	19	-3	5	-1	71	4	0	dr.	
SUEZ	14			10	0	67	8	0	18	9
TÔR	12	20	-1	7	-2	55	3	0	1	7
HURGHADA	12	19	-2	9	-1	51	2	0	0	
QUSEIR	15	21	-2	13	-1	48	4	0	dr.	4
PORT SÛDÂN	23	27				69	17	0	Rain	85
WÂDI HALFA	9	25				67	3	0	dr.	
ABU HAMAD	18					37	3	0		
KAREIMA	16					42	3	0	dr.	1
ʻATBARA	19	31		17		49	8	0	0	2
KHARTÛM	18	31		16		52	8	0	0.6	4
KASSALA	24					57	15	0	49	8
WÂD MEDANI										12
RENK	19	33		14		49	8	0		49
ROSEIRES	20	35		15		56	11	0	92	36
EL OBEID	[illegible]	30		11		[illegible]	3	0	18	16
EL FÂSHER										6
GENEINA	11	31				24	-9	0		4
MALAKÂL	22	35		17		44	9	0	94	88
WÂU	20	35		17		[illegible]	4		152	143
JUBA	[illegible]	36				47	13	0	215	144

Humidity Mean of day

Station	6th	Diff. from normal
Alexandria	56	-10
Ezbekiya	72	+3
Giza	18	+4
Helwan	71	+13

GIZA
GRASS MINIMUM TEMP. ON 7th 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 6th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	163	17	42	310	6
950					
900					
850	1567	4	75	300	12
800					
700	3091	0		280	18
600					
500	5689	-18		260	65
400	7316	-30			
300	9241	-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 6th

Station	Fouad A.P.		Port Said		Almaza		Minya		Asyut		Siwa		Kharga		Hurghada										Port Said	
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	300	13	270	14	310	5	10	11	320	16	300	12	10	20	350	22									310	15
600	300	13	270	19	320	11	350	13	320	16	320	8	10	23	320	32									310	12
1000	310	14	280	14	310	16	350	14	350	12	330	10	10	20	320	40									300	12
1500			270	16	320	11	340	24	350	16	320	16													270	8
2000			280	14	310	12			310	19	320	13														
3000					280	25			290	23	270	30														
4000									270	40	270	30														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matruh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			5		2		2				7	15	2		8		4	30	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	16	350	6	310	16			180	2	10	14	350	9	350	5	350	18	340	20		
600			310	13	350	10	270	15			320	5	360	25	10	22	340	3	30	16	320	[illegible]		
1000			310	11	330	9	280	13			300	8	340	17	360	17	340	17	360	8	290	20		
1500			310	19			300	16					350	7	340	17	280	4			270	28		
2000			290	14											280	17	280	8			260	33		
3000															290	24								
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																	
Height m.	Dir.	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	7			20	14																
600			240	10			30	16																
1000			240	10			20	15																
1500			250	11			360	12																
2000			250	21																				
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.

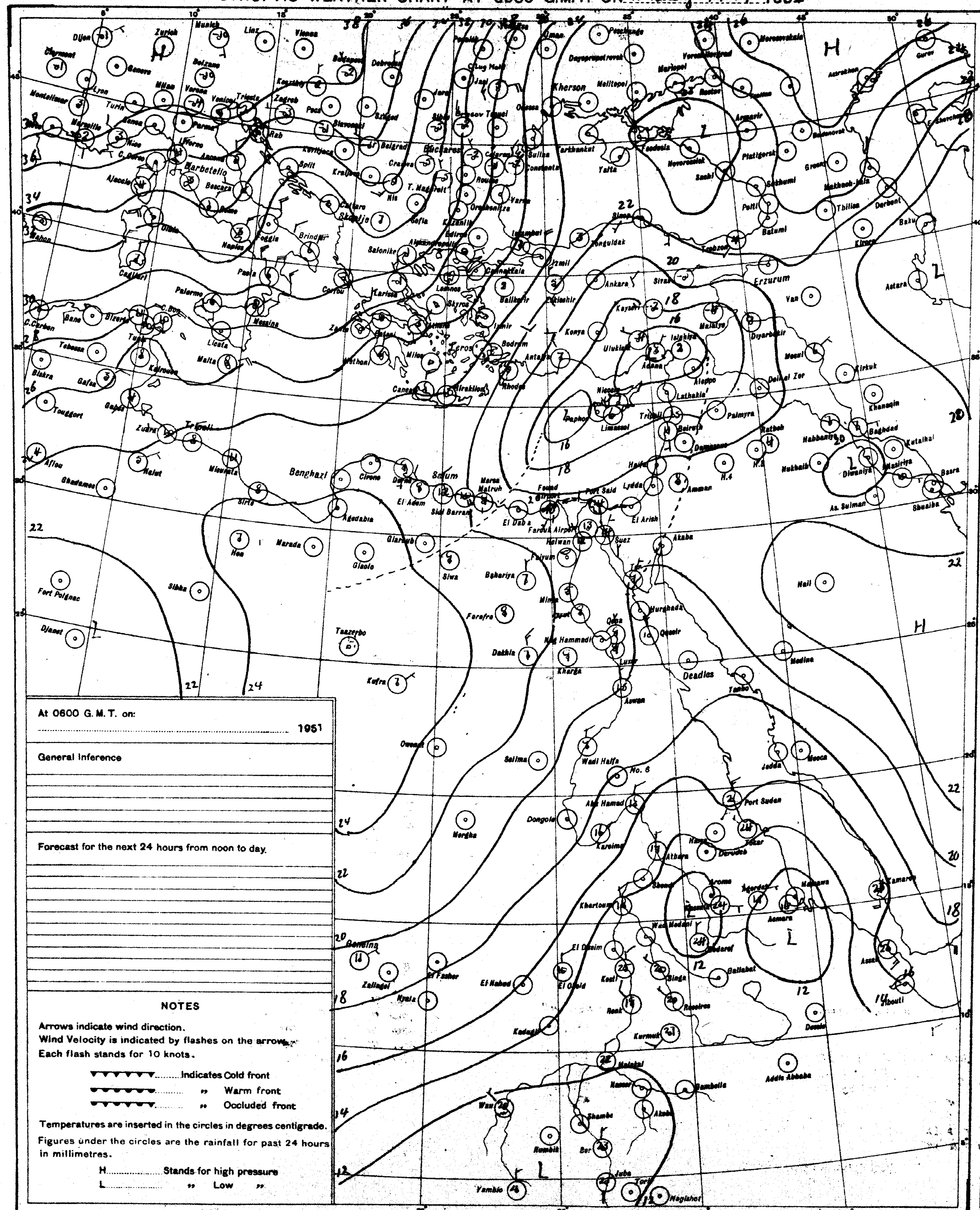
Note: All times are G.M.T.

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 Monday 7/1/1952



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(49/557) (50/531)

SCALE 1:15,000,000

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

Cloudless
Cirrus
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.
" " Sunset 15 11 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 8th January, 1951

At 1200 on Monday 7th

Area	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.
Mediterranean	62300	SALŪM	320	9	35	02	2	6	Sc,Cu	20.4	15	52	5
	303	SĪDI BARĀNI	210	6	14	25	2	8	Cb	20.7	13	82	10
	306	MATRŪH	280	4	13	25	8	7	Cu,Sc	20.5	13	67	7
	309	EL DABʻA	340	5	35	03	2	6	Sc		15	68	9
		ALEXANDRIA	00	0	50	03	6	8	Sc,Cu	20.3	12	88	10
	318	FOUAD (Airport)	70	2	14	21	6	8	Cb	20.0	13	82	10
	330	DAMIETTA											
	333	PORT SAʻĪD	10	14	18	80	8	7	Cu,Sc	19.0	15	77	11
	336	EL ʻARISH	300	10	30	01	2	6	Cu,Ac	18.6	16	68	10
Lower Egypt	339	DAMANHUR	310	5	15	01	5	8	Ac	19.4	18	56	9
	342	MANSURA	40	5	35	03	2	6	Sc,Cu	19.2	17	60	9
	348	TANTA								19.9			
	354	ZAGAZIG	220	1	50	03	1	5	Cu	19.1	16	68	10
	441	ISMAʻILIA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMĀZA	320	8	30	01	2	5	Sc	18.8	17	60	9
		EZBEKIYA	360	4	18	02	1	7	Cu	19.4	16	59	8
		GĪZA	360	4	18	02	1	7	Cu	18.7	16	59	8
	378	HELWĀN	290	11	15	03	2	7	Cb	18.8	15	59	7
Upper Egypt	381	FAIYŪM	00	0	35	03	2	6	Cu,Sc	19.9	17	52	7
	387	MINYA	320	8	8	02	1	1	Cu	18.8	19	23	-3
	393	ASYŪT MANQABĀD	320	12	30	00	0	0	—	19.1	18	40	4
	399	NAGʻ HAMMADI	270	2	15	00	0	0	—	17.8	17	56	8
	402	QENA	270	2	50	00	0	0	—	17.0	19	37	4
	405	LUXOR	320	4	30	00	0	0	—	16.6	21	33	4
	414	ASWĀN	360	3	50	00	0	0	—	15.6	22	38	7
Oases	417	SĪWA	270	9	14	03	1	4	Cu	21.8	17	32	0
	420	BAHARIYA	320	3	35	03	1	3	Ac	20.7	16	59	8
	423	FARAFRA	320	7	35	02	0	0	—	20.8	17	42	4
	432	DAKHLA	00	0	50	00	0	0	—	19.9	17	42	4
	435	KHARGA	360	6	15	00	0	0	—	15.4	18	52	8
Red Sea	450	SUEZ	360	5	50	01	1	7	Cu	18.2	18	37	3
	459	TŌR											
	462	HURGHADA	350	19	30	00	1	0	—	15.6	19	56	10
	465	QUSEIR	360	13	15	02	0	0	—	16.6	19	52	9
	641	PORT SŪDĀN	50	15	30	02	2	6	Cu,Sc	12.7	27	70	21
North Sūdān	600	WĀDI HALFA	340	10	50	02	0	0	—	15.6	21	26	1
	640	ABU HAMAD	50	2	30	02	0	0	—		29	33	11
	660	KAREIMA	20	2	30	02	0	0	—	11.5	30	18	3
	680	ʻATBARA	350	7	30	02	0	0	—	9.3	30	33	12
	721	KHARTŪM	60	7	30	03	0	1	Ci	9.4	30	35	13
	730	KASSALA	310	3	30	02	0	0	—	6.3	34	25	11
Central Sūdān	751	WĀD MEDANI	50	9	35	01	1	3	Ci	7.2	32	26	10
	801	RENK	310	9	35	02	0	2	Ci	8.6	32	26	10
	802	ROSEIRES	310	2	35	02	0	0	—	5.8	35	30	15
	771	EL OBEID	20	7	30	03	0	1	Cs	9.4	28	19	2
	760	EL FĀSHER	60	4	30	03	2	7	Cs		26	23	3
	770	GENEINA	50	5	30	01	1	1	Cs		29	8	-9
S. Sūdān	840	MALAKĀL	50	10	30	02	0	1	Ci	5.9	34	19	7
	880	WĀU	340	5	10	04	2	8	Cs	5.8	34	20	8
	941	JUBA	90	3	10	04	2	6	Cs	5.3	35	23	11

At 1800 on Monday 7th

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.
SALŪM												
SĪDI BARĀNI												
MATRŪH												
EL DABʻA	00	0	7	03	2	8	Cb		12	94	11	Rain
ALEXANDRIA												
FOUAD (Airport)	40	6	12	02	8	8	Cu,Sc	20.8	11	94	10	4
DAMIETTA												
PORT SAʻĪD	20	9	18	02	8	8	Cu,Sc	20.1	15	63	8	1
EL ʻARISH												
DAMANHUR												
MANSURA	320	3		03	6	8	Cb	20.6	13	77	9	3
TANTA	00	0	35	03	2	8	Cb	19.9	12	88	10	0
ZAGAZIG												
ISMAʻILIA												
FAROUK (Airport)	70	10	12	01	2	5	Ac	21.0	12	88	10	0
ALMĀZA	70	5	12	02	2	6	Sc	20.7	13	88	11	0
EZBEKIYA	360	4	12	02	1	8	Ci	21.0	13	82	10	0
GĪZA	360	4	12	02	1	8	Ci	20.6	13	77	9	0
HELWĀN	320	4	15	03	2	8	Ac	20.4	13	77	9	0
FAIYŪM												
MINYA												
ASYŪT MANQABĀD												
NAGʻ HAMMADI												
QENA												
LUXOR												
ASWĀN												
SĪWA	00	0	10	01	2	5	Sc	21.2	12	51	2	0
BAHARIYA	320	2	15	02	1	0	—	21.2	12	63	5	0
FARAFRA	230	1	15	02	0	0	—	21.9	11	63	4	0
DAKHLA	320	8	35	00	0	0	—	21.5	11	63	4	0
KHARGA	00	0	15	00	0	0	—	21.1	12	55	3	0
SUEZ												
TŌR												
HURGHADA												
QUSEIR												
PORT SŪDĀN	30	12	30	03	2	8	Sc,Ac	14.6	25	79	21	0
WĀDI HALFA	360	7	30	02	0	0	—	17.4	15	42	2	0
ABU HAMAD	360	4	30	02	0	0	—		23	41	9	0
KAREIMA	320	9	30	02	0	0	—	13.9	23	38	8	0
ʻATBARA	310	6	30	02	0	0	—	11.1	26	35	9	0
KHARTŪM	340	7	30	01	2	4	Ci	11.2	27	37	11	0
KASSALA	350	2	30	02	0	0	—	10.1	23	53	13	0
WĀD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	6	30	01	2	5	Cs	12.7	20	35	4	0
EL FĀSHER	70	4	30	01	2	5	Ci		19	35	3	0
GENEINA	40	7	30	02	1	4	Cs		22	13	-8	0
MALAKĀL												
WĀU	290	2	10	04	0	0	—	7.9	28	29	8	0
JUBA	00	0	10	04	2	1	Ci	7.1	27	42	13	0

At 0600 on Tuesday 8th January, 1952

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.	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
200	4	14	02	2	7	Cu,Sc	20.5		7			6		87	5	3	68		SĪDI BARĀNI
40	3	15	01	8	6	Cu,Sc	20.8	+2.2	9			8		94	8	18	72		MATRŪH
290	4	15	03	2	8	St			10	15		8		97	10	7	98		EL DABʻA
90	3	35	04	8	8	Cu,Sc	20.6	+1.6	12			12	+1	77	8	7	87	110	ALEXANDRIA
20	3	12	02	2	8	Cu,Sc	20.0	+2.1	11	14	-4	10	0	94	10	4	90	79	FOUAD (Airport)
220	2	7	11	1	5	Sc	20.6	+2.6	11			10	+2	88	9	2	96	47	DAMIETTA
20	5	18	02	2	5	Ac,Ci	19.9	+1.9	15	17	-1	12		63	8	1	43		PORT SAʻĪD
																			EL ʻARISH
270	5	7	02	1	4	Ac	20.0	+1.4	10			9	+1	76	6	2	55	42	DAMANHŪR
220	5	15	03	2	8	Cb	20.3	+1.8	12	18	-2	11	+3	77	8	3	15	19	MANSŪRA
00	0	35	03	6	7	Cb	19.8	+0.6	11	18	-2	10	+1	88	9	1	28	16	TANTA
220	1	35	03	1	6	Cu	20.2	+1.1	10			8	+1	88	8	1	13	11	ZAGAZIG
290	2	35	03	2	8	Ac	20.2		11			10		88	9	0	22		ISMAʻILIA
120	2	9	03	2	8	Cu,Ac	20.9		10	17		8		88	8	0	Rain		FAROUK (Airport)
160	6	12	03	2	4	Ci	20.5	+1.4	9	18	-1	8	-1	97	9	0	Rain		ALMĀZA
00	0	0.05	45	4	9	—	20.7	+1.3	9	18	-2	8	0	94	8	0	49	10	EZBEKĪYA
00	0	0.05	45	4	9	—	19.9	+0.3	8	20	+1	6	0	97	8	0	45	11	GĪZA
00	0	7	03	2	6	Cc	20.7	+1.1	9	17	-2	8	0	88	7	0	51	10	HELWĀN
00	0	3	12	0	0	—	22.7	+3.3	8			5	-1	88	6	0	18	3	FAIYŪM
340	1	8	03	1	5	Ac	20.4	+0.1	5			3	-2	81	2	0	dr.		MINYA
300	2	6	01	0	5	Ac	21.6	+1.3	9			8	+1	71	4	0	dr.		ASYŪT MANQABĀD
00	0	7	03	0	6	Sc,Ac	20.6	+0.8	10			4	-2	62	3	0	0.1		NAGʻ HAMMĀDI
320	2	15	03	1	5	Ci	20.8	+1.7	10			6	-1	62	3	0	dr.		QENA
00	0	30	02	0	2	Ac	19.7	+0.4	10			4		50	0	0	dr.		LUXOR
360	6	50	00	0	0	—	20.0	+0.9	13			8	-2	55	4	0	dr.		ASWĀN
00	0	14	02	1	3	Ac	22.0	+1.3	7	20	0	6	+2	71	2	0	dr.	5	SĪWA
320	1	35	02	2	8	As	22.3	+2.0	7	18	-2	2	-3	71	2	0	dr.	4	BAHARĪYA
220	2	35	02	2	7	Cb	22.6		7	19		4		57	-1	0	dr.		FARAFRA
00	0	50	01	2	7	Cu	20.8	+0.2	8	18	-4	3	-2	58	0	0	dr.		DAKHLA
00	0	15	03	1	1	Ci	21.0	+1.5	9	19	-3	4	-2	71	4	0	dr		KHARGA
360	5	50	00	0	5	Cu,Ci	20.8	+1.9	11			7	-3	88	9	0	18	9	SUEZ
																		7	TŌR
																			HURGHADA
310	13	15	00	0	3	Ci	18.2	+0.5	13			12	-2	55	4	0	dr.	4	QUSEIR
360	12	30	50	5	8	Sc	15.8		23	27		21		73	19	dr	Rain	85	PORT SŪDĀN
340	5	30	02	0	0	—	19.1		9	23		6		62	2	0	dr.		WĀDI HALFA
360	4	30	02	0	0	—			17	30		15		37	2	0			ABU HAMAD
20	9	30	02	0	0	—	16.3		16	30		14		34	0	0	dr.	1	KAREIMA
360	7	30	02	0	0	—	14.5		20	31		17		46	8	0	0	2	ʻATBARA
350	11	30	02	0	0	—	14.1		19	31		17		60	11	0	0.6	4	KHARTŪM
20	1	30	02	0	0	—	12.1		20	35		15		73	15	0	49	8	KASSALA
																		12	WĀD MEDANI
																		49	RENK
																		36	ROSEIRES
350	8	30	02	0	0	—	15.7		15	29		13		42	2	0	18	16	EL OBEID
										28								6	EL FĀSHER
60	4	30	03	0	1	Cs			11	31		9		41	-2	0		4	GENEINA
																		88	MALAKĀL
00	0	10	04	0	0	—	12.0		21	36		19		38	6	0	152	143	WĀU
90	2	30	04	0	7	Ac,Cs	11.2		25	35		18		54	15	0	215	144	JUBA

Humidity — Mean of day

Station	On 7th	Diff. from normal
Alexandria	75	+9
Ezbekiya	75	+6
Giza	78	+4
Helwān	76	+18

GIZA
Grass Minimum Temp. on 8th 5.0 °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 7th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	163	15	59	350	8
950					
900					
850	1508	3	81	290	4
800					
700	3148	-4		270	35
600					
500	5737	-17		270	55
400	7377			270	104
300	9357	-42			

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

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

UPPER WIND OBSERVATIONS on 7th

Station	Port Said		El Arish		Almaza		Minya		Asyut		Siwa		Kharga		Port Said	
Time	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.
300	30	20	310	15	300	14	350	2	340	13	280	7	360	23	350	6
600	10	21	310	17	310	9	350	11	340	14	280	7	360	26	360	7
1000	10	24	300	18	310	10	340	12	350	14	320	7	360	25	360	6
1500	10	21	260	14	290	6	320	12	340	16	310	10			350	9
2000	360	15	350	10	210	3			290	23	340	12			250	7
3000	320	14			350	4										
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 8th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʻīd		El ʻArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada		Almaza	
Time							2				6 45		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							330	6			290	3	120	1									30	4
600							360	9			20	8	120	7									30	8
1000							350	10			100	2	110	9									30	9
1500							360	5			50	5	290	12									40	7
2000							240	5			90	3											30	4
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
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									20	9														
600									50	15	50	18	50	17	10	21	60	7					10	32
1000									50	15	70	17	50	20	30	43	30	13	30	23	360	8	30	38
1500									20	12	230	2	50	16	80	8	60	5	90	9	360	9	20	10
2000																					80	11		
3000									320	4	270	21			50	8	220	9	190	5	110	5	130	11
4000											250	13					130	5	90	9				
5000																	20	1						
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.

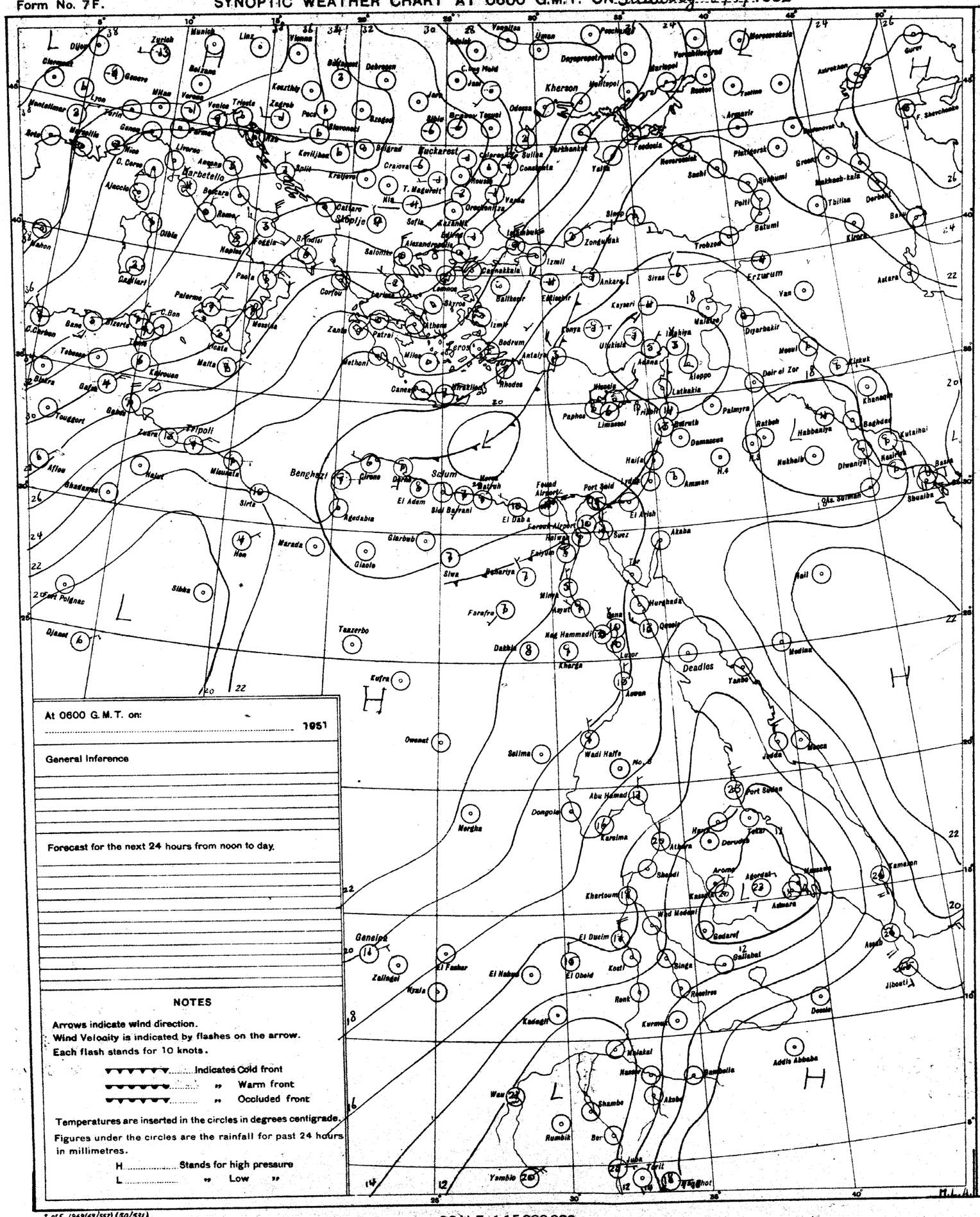
Note: All times are G.M.T.

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 2/1/1952



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 Duetstorm	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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 52 G.M.T.

" " Sunset 15 12 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 9th January, 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	290	5	35	03	1	6	cu	17.5	17	52	7
	303	SÎDI BARÂNI	330	7	18	02	1	5	cb	17.7	14	77	10
	306	MATRÛH	360	7	30	02	1	2	cb	18.3	13	82	10
	309	EL DABA	70	3	35	03	2	6	sc		13	77	9
		ALEXANDRIA	00	0	35	04	8	8	cu, sc	18.3	13	72	8
	318	FOUAD (Airport)	00	0	14	02	6	8	cu, sc	18.1	13	77	9
	330	DAMIETTA	40	2	7	03	1	7	ns	18.3	15	59	7
	333	PORT SA'ID	50	3	30	03	2	7	ns, ac	19.7	17	55	8
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	270	5	15	02	1	7	cb	18.2	14	77	10
	342	MANSURA	270	3	15	03	2	8	sc, cu	18.3	16	59	8
	348	TANTA	220	2	35	03	2	8	ns	17.6	15	68	9
	354	ZAGAZIG	00	0	50	03	1	7	cu	16.7	17	60	9
	441	ISMA'ILIA	290	2					cu		17	60	9
CAIRO AREA	366	FAROUK (Airport)	250	3	12	03	2	7	sc, ac	18.7	15	68	9
	372	ALMAZA	340	1	10	01	1	6	cu, ci	17.9	14	77	10
		EZBEKIYA	00	0	18	02	1	7	cu, ci	18.3	15	63	8
		GIZA	00	0	18	02	1	7	cu, ci	17.9	16	59	8
	378	HELWÂN	00	0	3	02	2	8	as	18.0	15	68	9
UPPER EGYPT	381	FAIYÛM	00	0	35	03	2	8	ns	19.9	14	67	8
	387	MINYA	360	2	8	02	2	6	ac	18.7	16	52	6
	393	ASYÛT MANQABÂD											
	399	NAG' HAMMÂDI	00	0	15	03	0	5	ac, ci	17.9	21	50	10
	402	QENA	180	2	35	01	1	6	ci	17.6	19	46	7
	405	LUXOR											
	414	ASWÂN	340	4	50	00	0	0	—	16.7	20	41	6
OASES	417	SÎWA	250	3	14	03	1	6	as	20.7	16	39	2
	420	BAHARÎYA	320	2	35	02	2	8	ac	19.6	16	59	8
	423	FARAFRA	00	0	35	02	2	7	cb	20.6	16	49	5
	432	DAKHLA	00	0	50	01	2	2	cu	18.4	19	30	1
	435	KHARGA	00	0	15	02	1	2	ci	17.6	19	28	0
RED SEA	450	SUEZ	360	5	50	02	0	5	sc	17.1	16	49	5
	459	TÛR	310	13	35	02	1	6	ac	16.4	17	60	9
	462	HURGHADA	360	10	30	03	2	7	ac	15.5	18	60	10
	465	QUSEIR	20	13	15	03	1	4	ci	13.5	19	46	7
	641	PORT SUDÂN	40	17	30	03	2	7	cu, ac	13.8	26	74	21
NORTH SUDAN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	20	5	30	02	0	0	—	12.3	29	33	11
	680	'ATBARA	50	8	30	02	0	0	—	9.3	31	29	11
	721	KHARTÛM	50	4	30	02	0	0	—	9.9	30	33	12
	730	KASSALA	360	1	30	02	0	0	—	5.7	36	22	11
CENTRAL SUDAN	751	WÂD MEDANI	310	9	35	02	0	0	—	7.1	33	26	11
	801	RENK	310	9	35	02	0	0	—		32	26	10
	802	ROSEIRES	50	2	35	02	0	0	—	6.2	35	35	17
	771	EL OBEID	20	7	30	02	0	0	—	9.6	30	21	5
	760	EL FÂSHER	340	1	30	02	0	4	ci		28	20	3
	770	GENEINA	00	0	30	02	0	1	ci		31	11	-3
S. SUDAN	840	MALAKÂL	10	13	30	02	0	0	—	6.8	34	20	8
	880	WÂU	20	4	10	04	0	0	—	6.5	35	16	8
	941	JUBA	50	10	10	04	0	6	cu	4.9	37	27	15

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	5		63	8	8	cb	20.0	8	97	8	6
SÎDI BARÂNI	30	3	10	25	8	8	cu	19.2	10	88	8	6
MATRÛH	40	13	30	02	8	7	ns	18.2	9	94	8	3
EL DABA	70	15	7	03	8	8	ns		12	77	8	Rain
ALEXANDRIA	360	3	35	04	8	8	cu, sc	18.2	12	82	9	6
FOUAD (Airport)	320	12	5	63	6	8	cu, sc	17.6	11	94	10	4
DAMIETTA	40	2		02	5	7	cu, sc	18.3	12	88	10	Rain
PORT SA'ID	230	3	12	02	2	7	cu, sc	17.6	14	72	9	0
EL 'ARISH												
DAMANHUR	310	9	7	02	6	8	ns	19.0	11	77	7	2
MANSURA	220	3		03	5	8	ns	18.0	12	88	10	dr.
TANTA	00	0	35	03	6	8	ns	18.2	11	88	9	0.3
ZAGAZIG	00	0	35	01	1	3	cu	19.2	12	88	10	0
ISMA'ILIA												
FAROUK (Airport)	230	8	12	02	2	6	cu, cs	18.4	12	77	8	0
ALMAZA	00	0	12	02	1	3	sc	18.6	12	72	7	0
EZBEKIYA	00	0	12	02	1	7	sc	18.8	11	88	9	0
GIZA	180	3	3	02	2	7	as	19.4	11	88	9	0
HELWÂN												
FAIYÛM	00	0	35	02	2	8	ns	19.8	12	77	8	0
MINYA	00	0	8	02	2	8	ac	19.4	13	63	6	0
ASYÛT MANQABÂD	240	3	10	02	2	7	ac	18.9	13	59	5	0
NAG' HAMMÂDI	00	0	7	03	0	6	sc, ac	18.6	15	59	7	0
QENA	270	2	7	02	1	6	ac	18.8	13	67	7	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	17.4	16	42	3	0
SÎWA	00	0	11	03	2	7	cs	20.0	12	51	2	0
BAHARÎYA	00	0	15	02	2	7	ac	20.0	12	63	5	0
FARAFRA	180	2	15	02	2	7	as	20.4	13	55	4	0
DAKHLA	340	8	35	01	2	3	cu	20.3	12	44	0	0
KHARGA	00	0	15	03	1	4	ac	19.9	15	39	1	0
SUEZ	00	0	35	01	0	5	cu	18.2	14	67	8	0
TÛR	360	5	7	02	0	6	ac	16.9	14	55	5	0
HURGHADA	360	7	12	01	2	4	ac	16.4	15	68	9	0
QUSEIR	330	18	15	03	2	6	ci	16.2	17	52	7	0
PORT SUDÂN	20	11	30	03	2	8	sc	15.7	25	74	20	dr.
WÂDI HALFA	10	8	30	02	0	0	—		19	28	0	0
ABU HAMAD	270	3	30	02	0	0	—		23	41	9	0
KAREIMA												
'ATBARA	340	3	30	02	0	0	—	11.7	27	37	11	0
KHARTÛM	350	3	30	02	0	0	—	11.7	27	42	13	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA	80	8	30	01	1	1	ci		22	29	3	0
MALAKÂL	50	5	30	02	0	0	—	8.9	27	33	9	0
WÂU	290	3	10	04	0	0	—	8.1	29	25	7	0
JUBA												

At 0600 on Wednesday 9th January, 1952

Station	Wind 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	340	13	15	03	1	4	cb	21.0	+3.2	10	18		6	-3	67	4	15	Rain	
SÎDI BARÂNI	360	19	14	02	8	6	cb			11	15		7		54	2	11	79	
MATRÛH	330	9	18	02	8	7	ns	19.7	+1.1	10	13		6		67	4	14	106	
EL DABA	320	12	15	03	2	7	ns			9	14		8		71	4	15	113	
ALEXANDRIA	360	10	50	03	6	8	cu, sc	17.6	-1.3	10	14	-5	8	-3	62	3	21	108	112
FOUAD (Airport)	300	10	12	02	6	8	cu, sc	17.6	-0.3	10	14	-4	8	-2	67	4	16	106	80
DAMIETTA	320	5		50	6	8	cu, sc	17.0	-1.0	9	16	-3	7	-1	88	7	5	101	48
PORT SA'ID	320	17	12	80	8	8	cu, sc	16.2	-1.8	10	18	0	8	-4	88	8	Rain	43	
EL 'ARISH	250	3	18	61	6	7	cb	17.5	-1.1	10			9	+2	97	10	0.1	45	
DAMANHUR	310	5		02	5	8	sc	17.6	-1.0	9	17	-3	8	0	71	4	3	58	43
MANSURA	90	5	15	50	6	8	ns	17.1	-1.4	9	18	-2	8	0	88	7	3	18	19
TANTA	00	0	7	03	6	8	ns	17.6	-1.6	8	17	-3			88	6	Rain	Rain	16
ZAGAZIG	00	0	35	02	2	8	ns	17.0	-2.1	9			7	0	88	7	0	13	11
ISMA'ILIA	290	5	35	60	6	8	ns	17.1		10					88	8	dr	22	
FAROUK (Airport)	320	13	6	61	6	8	sc	18.6		9			8		97	9	dr.	Rain	
ALMAZA	340	6	8	81	8	8	ns	18.0	-1.1	9	16	-3	7	-2	97	9	dr.	Rain	
EZBEKIYA	360	4	12	50	6	8	cb	18.7	-0.7	9	16	-4	8	0	88	7	1	50	10
GIZA	360	4	12	50	6	8	cb	18.0	-1.6	8	18	-1	7	+1	88	6	1	46	11
HELWÂN	00	0	7	03	2	8	cb	18.4	-1.3	8	16	-3	8	0	88	6	0	51	10
FAIYÛM	360	4	35	01	2	7	ns	17.9	-1.5	8	15	-6	6	0	71	3	0	18	3
MINYA	00	0	8	02	2	8	ac	17.7	-2.6	9	17	-3	8	+3	67	3	0	dr.	
ASYÛT MANQABÂD	250	3	12	00	0	3	ac, ci	18.8	-1.5	12	16	-5	10	+3	51	2	0	dr	
NAG' HAMMÂDI	00	0		03	0	5	cu, ac	18.3	-1.5	13	22	0	8	+2	67	7	0	0.1	
QENA	320	2	15	01	1	7	ac	18.3	-0.8	8	19	-4	4	-3	82	5	0	dr	
LUXOR	00	0	30	01	1	1	cs	17.5	-1.8	9			5		97	9	0	dr	
ASWÂN	00	0	50	00	0	0	—	17.5	-1.6	12	21	-2	7	-3	55	3	0	dr	
SÎWA	20	8	13	03	1	4	as, ci	20.7	0.0	8	17	-2			66	2	0	50	5
BAHARÎYA	40	5	35	02	0	8	as	19.9	-0.4	7	18	-2	6	+1	87	5	0	dr	4
FARAFRA	320	1	35	02	2	6	sc, ac	19.5		12	18		9		63	5	0	dr	
DAKHLA	340	8	50	01	2	6	as	19.2	-1.4	8	20	-2	5	0	46	-3	0	dr	
KHARGA	00	0	15	03	2	4	ac	18.7	-0.8	11	19	-3	6	0	77	7	0	dr	
SUEZ	00	0	50	00	0	3	cu	16.8	-2.1	11	16	-4	8	-2	77	7	0	18	9
TÛR	360	19	15	02	1	7	cu	16.1	-1.9	15					48	4	0	1	7
HURGHADA			30	01	2	4	sc	15.7	-1.9	15	18	-3	9	-1	42	2	0	0	
QUSEIR	310	9	15	00	0	4	ac	16.2	-1.5	14	20	-3	13	-1	55	5	0	dr	4
PORT SUDÂN											27								86
WÂDI HALFA											23								
ABU HAMAD											32								
KAREIMA																			1
'ATBARA											32								2
KHARTÛM	350	10	30	02	0	0	—	12.8		20	31		18		43	7	0	0.6	4
KASSALA	20	1	30	02	1	0	—	10.9		23	37		16		69	17	0	49	8
WÂD MEDANI																			12
RENK	310	5	35	02	0	0	—			20	34		15		49	9	0		49
ROSEIRES	00	0	35	02	0	0	—	12.2		23	36		17		30	13	0	92	36
EL OBEID	360	5	30	02	0	0	—	13.6		17	30		14		83	14	0	18	16
EL FÂSHER																			6
GENEINA																			4
MALAKÂL	360	10	30	02	0	0	—	10.7		23	36		19		38	8	0	94	88
WÂU	00	0	4	04	0	0	—	10.7		21	36		17		47	9	0	152	143
JUBA	00	0	10	04	0	6	cs	10.2		24	38		18		47	12	0	215	144

HUMIDITY %

Station	Mean of day on 8th	Diff. from normal
Alexandria	76	+10
Ezbekiya	73	+4
Giza	83	+9
Helwân	82	+24

GIZA GRASS MINIMUM TEMP. ON 9th 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 8th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	154	12	67	260	5
950					
900					
850	1475	-3		240	6
800					
700	3010	-6		260	47
600					
500	5557	-22	86	260	104
400	7173	-32	97		
300	9111	-55			

AIRPORT — On ..... At .....

Pressure 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.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Suez Dir.	Suez Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.											Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14												20 45		20	
300	80	5	140	2	320	14	250	13	340	17	340	30											310	9	210	9
600	70	5	260	4	340	15	250	14	330	17	320	22											320	12	240	14
1000	60	4	140	24	340	13	250	16	320	17	290	19											320	9	240	26
1500	310	27	200	15	320	9	260	19			270	29											290	10	220	26
2000					250	26	260	15			280	35													220	13
3000							260	24																		
4000							270																			
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

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 Manqabâd Dir.	Asyut Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.
Time							8				6 30		8		8		8		8			
300							260	17			30	6	300	7	300	7	340	3	10	11		
600							270	18			360	16	330	10	320	10	340	15	20	17		
1000							280	22					390	16	310	10	290	12	330	15		
1500							300	17					290	17	290	12	320	15	350	4		
2000													280	23	300	31	290	26				
3000													270	16			330	15				
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.	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						5					
300																								
600													40	13										
1000													50	18					50	23				
1500													50	8					120	6				
2000													80	5										
3000													310	6					270	8				
4000																								
5000																								
6000																								
7000																								
8000																								

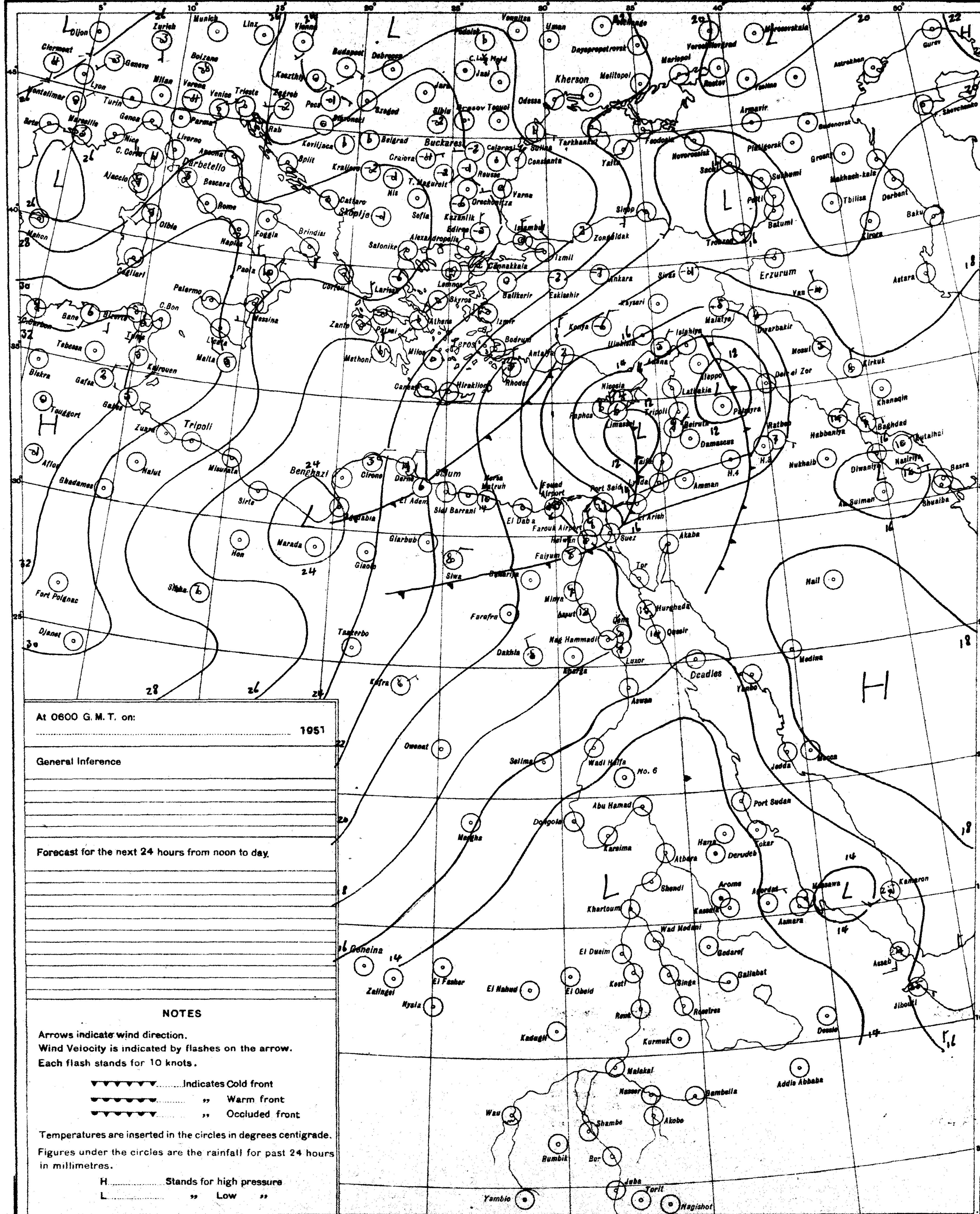
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 9/1/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.

" " Sunset 15 12 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Thursday 10th January, 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	SALUM											
	303	SÎDI BARÂNI	90	15	18	02	8	6	cu, sc	18.9	9	71	4
	306	MATRÛH	320	11	15	03	2	6	cb	18.4	11	54	2
	309	EL DABA				03	2		sc, cu		11	51	1
		ALEXANDRIA											
	318	FOUAD (Airport)	300	20	14	01	8	6	sc	15.4	12	59	4
	330	DAMIETTA											
	333	PORT SA'ID	220	19	30	02	2	6	cu, sc	13.8	13	67	7
	336	EL 'ARISH	270	12	18	20	6	8	cu, sc	13.3	11	63	4
Lower Egypt	339	DAMANHUR	310	13	15	02	1	3	cu	16.0	13	55	4
	342	MANSURA	270	5	15	60	6	8	cb	15.8	10	76	6
	348	TANTA	00	0	35	01	6	4	cu, sc	15.9	11	77	7
	354	ZAGAZIG	220	1	50	02	5	7	sc, ac	15.5	11	77	7
	441	ISMAÎLIA	270	9	35	03	2	8	ac	15.4	12	63	5
Cairo Area	366	FAROUK (Airport)	270	13	30	02	2	7	sc, ac	17.1	12	55	3
	372	ALMÂZA	220	12	18	01	2	6	sc	16.1	12	63	5
		EZBEKIYA	350	28	18	50	5	7	ns	17.6	13	55	4
		GÎZA	350	28	18	50	5	7	ns	17.1	14	48	3
	378	HELWÂN	00	0	35	01	2	7	sc, cu	16.6	12	55	3
Upper Egypt	381	FAIYÛM	360	4	35	02	2	7	sc	18.0	13	67	7
	387	MINYA	300	8	8	02	2	5	cu, ac	16.6	16	49	5
	393	ASYÛT MANQABÂD	330	8	30	03	1	4	ac, ci	16.2	16	28	3
	399	NAG' HAMMÂDI											
	402	QENA	320	2	35	02	1	7	sc, cu	15.0	19	37	4
	405	LUXOR	340	7	30	02	1	2	ci	14.3	19	37	4
	414	ASWÂN	360	4	50	00	0	0	—	12.4	20	24	1
Oases	417	SÎWA											
	420	BAHARÎYA	20	3	35	02	2	7	ac	18.7	12	77	8
	423	FARAFRA	340	5	35	02	2	2	ac	18.0	16	59	8
	432	DAKHLA	00	0	50	02	2	6	cu	16.7	17	34	1
	436	KHARGA	00	0	15	02	2	8		15.6	18	46	6
Red Sea	450	SUEZ	310	6	50	03	0	6	sc	15.6	13	55	4
	459	TÛR											
	462	HURGHADA	360	11	30	02	2	7	ac	13.2	17		
	465	QUSEIR	20	13	15	01	1	2	ac	12.6	19	52	9
	641	PORT SUDÂN	40	12	30	02	2	7	sc, ac	11.3	26	70	20
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	340	2	30	02	0	0	—		30	35	13
	660	KAREIMA	50	4	30	02	0	0	—	9.2	29	31	10
	680	'ATBARA	60	3	30	02	0	0	—	7.0	31	31	12
	721	KHARTÛM	50	4	30	02	0	0	—	7.5	31	33	13
	730	KASSALA	00	0	30	02	0	0	—	4.7	35	25	12
Central Sudan	751	WÂD MEDANI											
	801	RENK	310	13	35	02	0	0	—	6.8	34	25	11
	802	ROSEIRES	310	2	35	02	0	0	—	4.0	36	31	16
	771	EL OBEID	260	5	30	02	0	0	—	7.2	31	22	7
	760	EL FASHER	150	3	30	01	1	1	ci		29	22	5
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WAU	310	5	10	04	0	0	—	4.3	39	13	6
	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.
SALUM												
SÎDI BARÂNI												
MATRÛH	300	23	12	81	8	7	cb	18.7	11	63	4	1
EL DABA	320	12	7	03	2	7	cb		11	94	10	0
ALEXANDRIA	310	27	35	02	8	6	cb	16.2	10	82	3	dr.
FOUAD (Airport)	330	20	12	01	8	3	sc	16.5	9	71	4	0.1
DAMIETTA	220	5		01	6	3	cb	13.9	7	87	5	1
PORT SA'ID	270	19	15	02	2	5	cu, sc	14.5	10	67	4	0.2
EL 'ARISH												
DAMANHUR	310	9	7	02	1	7	cu	16.0	10	88	8	0
MANSURA	270	5		03	2	6	ns	16.4	8	71	3	2
TANTA	00	0	35	01	1	4	ac	16.7	8	71	3	1
ZAGAZIG	220	2	35	02	1	0	—	16.3	7	87	5	1
ISMAÎLIA												
FAROUK (Airport)	250	10	12	01	2	2	sc	17.9	8	71	3	0
ALMÂZA	290	11	12	01	2	2	ac	16.9	9	71	4	0
EZBEKIYA	00	0	12	50	6	1	ns	18.0	9	67	3	dr.
GÎZA	00	0	12	50	6	1	ns	18.2	7	71	2	dr.
HELWÂN	290	4	15	01	8	2	sc, cu	18.0	8	71	3	dr.
FAIYÛM	00	0	35	01	2	6	sc	19.0	9	71	4	0
MINYA	320	5	14	02	2	6	sc	18.3	10	62	3	0
ASYÛT MANQABÂD	310	7	12	03	2	6	ac	15.6	12	63	5	0
NAG' HAMMÂDI	00	0		03	0	7	as	16.6	14	67	8	0
QENA	270	2	7	02	1	7	ns	15.8	15	59	7	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	14.6	16	42	3	0
SÎWA	310	8	11	01	2	2	sc	21.6	11	41	2	0
BAHARÎYA	360	3	15	02	2	6	ac	19.6	9	71	4	0
FARAFRA	360	1	15	02	2	5	ac	19.8	9	88	7	0
DAKHLA	340	11	35	01	2	4	cu	19.0	11	47	0	0
KHARGA	00	0	15	02	2	8	cu	17.1	16	32	-1	0
SUEZ	220	3	35	01	0	1	cu	17.6	10	62	3	0
TÛR												
HURGHADA	360	10	12	01	1	3	ac	13.9	15	63	8	0
QUSEIR	330	13	15	03	1	4	ac	14.2	18	52	8	0
PORT SUDÂN	360	4	30	03	2	6	sc	11.9	24	79	20	0
WÂDI HALFA	360	9	30	02	0	0	—	12.3	16	34	0	0
ABU HAMAD	360	2	50	02	0	0	—		23	41	9	0
KAREIMA	310	7	30	02	0	0	—	10.9	22	33	5	0
'ATBARA	360	5	30	02	0	0	—	9.1	25	42	11	0
KHARTÛM	330	5	30	01	0	0	—	8.4	27	35	10	0
KASSALA	20	3	30	02	0	0	—	7.8	23	53	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	5	30	02	0	0	—	8.3	24	30	5	0
EL FASHER	80	3	30	01	0	0	—		22	33	5	0
GENEINA	160	1	30	01	0	0	—		28	12	-4	0
MALAKÂL	40	4	30	01	0	1	ac	5.7	27	35	10	0
WAU	310	2	10	05	0	0	—	5.4	29	29	9	0
JUBA	00	0	30	04	0	2	sc, ci	4.8	25	42	11	0

At 0600 on Thursday 10th 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	300	8	18	02	2	6	cu, sc	20.0		12			10		59	4	0.2	79	
MATRÛH	300	12	15	81	8	2	cu	19.8	+1.2	12	16		7		51	2	2	108	
EL DABA	320	10	15	03	2	6	cu			12	12		7		63	5	1	113	
ALEXANDRIA	310	12	50	03	5	5	cb	17.5	-1.4	12	13	-6	9	-1	63	5	dr.	108	113
FOUAD (Airport)	310	9	18	02	8	7	cu	17.4	-0.5	12	14	-4	7	-3	59	4	0.3	106	82
DAMIETTA	200	2	15	01	6	1	cu	17.4	-0.6	7	14	-4	6	-2	87	5	4	105	49
PORT SA'ID	250	18	14	01	8	1	cu, sc	17.1	-0.9	8	13	-5	7	-5	82	5	6	49	
EL 'ARISH	250	12	18	61	6	7	cu, sc	16.0	-2.6	7			6		87	5	8	45	
DAMANHUR	230	9	7	02	1	2	cu	17.2	-1.4	6	15	-5	6	-2	87	4	0	58	44
MANSURA	320	3	35	00	0	0	—	17.5	-1.0	5	13	-7	4	-4	97	5	2	20	20
TANTA	00	0	35	02	0	0	—	17.5	-1.7	5	14	-6	4	-2	97	5	1	29	16
ZAGAZIG	220	1	35	02	0	0	—	17.9	-1.2	6	15	-5	4	-3	97	6	1	14	11
ISMAÎLIA	270	4	35	01	1	4	ac	18.0		7			6		71	2	0	22	
FAROUK (Airport)	200	12	14	02	1	1	sc	19.6		7	14		5		81	4	0.1	Rain	
ALMÂZA	220	10	12	00	0	0	—	19.0	-0.1	6	14	-5	4	-5	87	4	dr.	Rain	
EZBEKIYA	00	0	12	00	0	0	—	19.5	+0.1	6	14	-6	5	-3	81	3	dr.	50	10
GÎZA	00	0	12	00	0	0	—	19.1	-0.5	6	15	-4	3	-3	87	4	0.2	46	11
HELWÂN	290	4	7	02	0	0	—	19.8	+0.1	5	12	-7	4	-4	81	2	dr.	51	11
FAIYÛM	00	0	35	02	0	0	—	20.0	+1.5	5	15	-6	2	-4	81	2	0	18	3
MINYA	360	6	8	02	2	1	ac	20.6	+0.3	5	16	-4	3	-2	75	1	0	dr.	
ASYÛT MANQABÂD	290	6	8	10	0	3	ac	21.1	+0.8	8	16	-5	5	-2	58	0	0	dr.	
NAG' HAMMÂDI	290	3	7	02	0	3	ac	20.6	+0.8	11	20	-1	6	0	63	4	0	0.1	
QENA	320	2	15	03	1	5	ac	19.4	+0.3	11	20	-3			51	1	0	dr.	
LUXOR	340	4	30	01	2	4	sc, cu	18.7	-0.6	10			5		58	2	0	dr.	
ASWÂN	320	5	50	01	1	5	ac	18.3	-0.8	11	21	-2	9	-1	63	4	0	dr	
SÎWA	270	4	13	00	0	0	—	23.6	+2.9	6	15	-4	4	0	76	2	0	dr.	5
BAHARÎYA	320	5	35	02	2	7	ac	21.8	+1.5	7	13	-7	3	-2	71	2	0	dr	4
FARAFRA	360	1	35	02	2	4	cu, ac	22.8		8	17		4		71	3	0	dr.	
DAKHLA	340	11	50	01	1	3	cu	20.3	-0.2	9	18	-4	6	+1	47	-2	0	dr.	
KHARGA	360	6	15	01	2	1	ac	20.4	+0.9	10	19	-3	8	+2	62	3	0	dr	
SUEZ	220	3	50	00	0	3	sc, cu	19.0	+0.2	10	15	-5	6	-4	62	3	0	18	9
TÛR																			7
HURGHADA	310	12	30	02	1	3	sc	16.1	-1.6	13	17	-3			48	2	0	0	
QUSEIR	330	13	15	00	0	6	ac	14.5	-3.3	13	20	-3			55	4	0	dr.	4
PORT SUDÂN	350	9	30	01	2	6	sc	13.2		24	27		22		74	19	0	Rain	86
WÂDI HALFA	360	13	50	03	0	0	—	17.3		11	24		8		54	2	0	dr.	
ABU HAMAD	20	5	30	02	0	0	—			17	31		15		28	-2	0		
KAREIMA	20	4	50	02	0	0	—	13.0		16	30		14		42	3	0	dr.	1
'ATBARA	360	7	30	02	0	0	—	11.8		19	32		15		52	9	0	0	2
KHARTÛM	360	9	30	02	0	0	—	11.4		21	33		17		35	5	0	0.6	4
KASSALA	20	1	30	02	0	0	—	10.0		23	36		18		61	15	0	49	8
WÂD MEDANI																			12
RENK	310	5	35	02	0	0	—			21	35		15		50	10	0		49
ROSEIRES																			36
EL OBEID											32								16
EL FASHER	00	0	30	03	0	5	ci			12	31		9		41	-1	0	13	6
GENEINA	60	1	30	03	0	2	cs			11	35		9		38	-3	0		4
MALAKÂL	20	11	30	03	1	5	ac, cs	9.9		24	37		19		36	8	0	94	88
WAU	00	0	10	04	1	3	ac	10.0		22	39		19		44	9	0	152	143
JUBA	90	2	30	04	1	3	st, as	10.2		27	38		17		42	13	0	215	144

HUMIDITY

Mean of day

Station	on 9th	Diff. from normal
Alexandria	56	-10
Ezbekiya	71	+2
Gîza	77	+3
Helwân	72	+14

GÎZA

GRASS MINIMUM TEMP. ON 10th 1.3 °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 9th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	136	9	71	280	9
950					
900					
850	1460	1	69	280	27
800					
700	2981	8		270	47
600					
500	5560	-19			
400	7187	-28			
300	9194	-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 9th

Height m.	Port Said Dir.	Vel.	Almaza Dir.	Vel.	Luxor Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Siwa Dir.	Vel.	Hurghada Dir.	Vel.	Kharga Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		14		14		14		14		14		20	
300	290	23	290	19	340	10	360	15	300	9	360	16	300	16	360	14	340	15
600	350	19	290	26			350	16	300	10	360	16	340	21	360	16	340	23
1000	330	21	290	29	340	10	340	20	300	7	360	19	330	27	10	16	330	22
1500	80	31			320	8	310	14	290	23	10	16	280	36	10	11	300	22
2000					300	20			290	47	350	17						
3000					260	20			250	48	340	14						
4000																		
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 10th

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.	Almaza Dir.	Vel.
Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time					2		2						2						8				2	
300					320	12	300	20					330	17					10	5			260	16
600					320	14	310	18					320	20					10	12			280	19
1000					320	11	320	9					330	15					360	13			340	10
1500					320	23	310	9					330	23									310	16
2000					310	21																	320	19
3000					320	27																		
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakâl Dir.	Vel.
Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time									5		4		5		4		4		5				4	
300									20	18														
600									30	28	30	11	50	10	20	18	50	7					20	31
1000									40	27	290	3	60	15	40	13	20	11	60	9			10	23
1500									30	23	250	13	60	13	230	4	60	1	300	5			330	16
2000															290	12			250	6				
3000									270	5	250	30			250	17	290	3	230	9			360	13
4000																			250	10				
5000																			190	12				
6000																			270	6				
7000																			340	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.

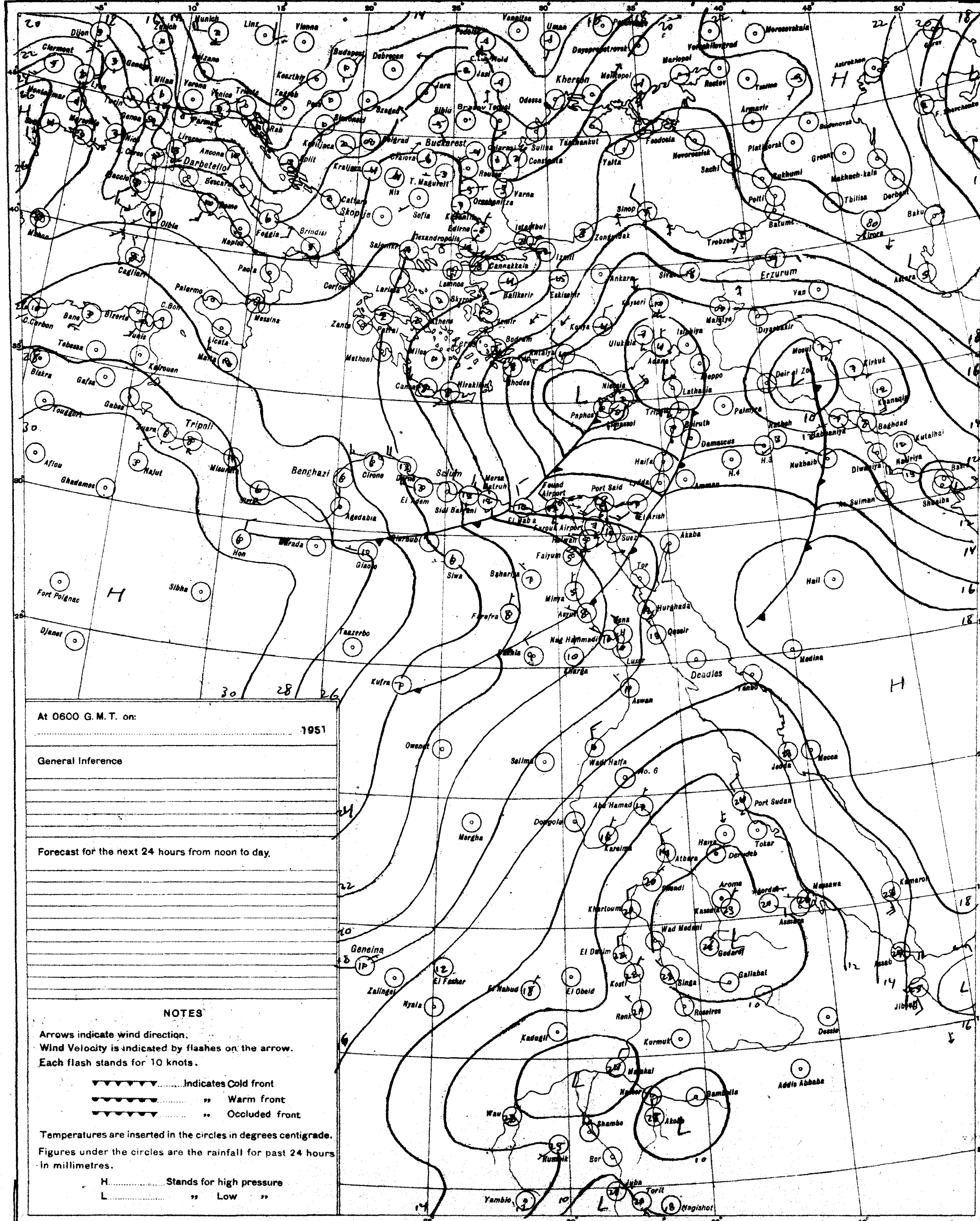
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 10-1 1952



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	
Cirrostratus	
Cirrocumulus	
Altocumulus	
Altostratus	
Stratocumulus	
Nimbostratus	---
Cumulus or Fractocumulus	
Cumulonimbus	
Stratus or Fractostratus	—

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.

" " Sunset 15 13 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 11th January 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	270	13	35	03	1	4	Sc, Cu	19.0	14	59	6
	303	SÎDI BARÂNI											
	306	MATRÛH	250	22	18		6	4	cb	19.0	12	77	8
	309	EL DABA	290	17	35	03	2	8	st		12		
		ALEXANDRIA	310	16	50	03	8	1	Cu, Sc	17.5	12	77	8
	318	FOUAD (Airport)	340	20	10	02	2	8	cb	17.6	12	77	8
	330	DAMIETTA	290	5	15	03	5	5	cb	17.6	13	67	7
	333	PORT SA'ÎD	280	11	12	80	8	7	Cu, Sc	16.0	11	77	7
	336	EL 'ARISH	270	12	18	03	1	5	Sc	15.8	14	55	5
Lower Egypt	339	DAMANHUR	270	5	15	21	6	7	Sc	17.8	10	88	8
	342	MANSURA	320	13	15	50	5	7	cb	17.2	13	67	7
	348	TANTA	270	2	35	01	6	4	Cu	17.1	14	67	8
	354	ZAGAZIG	220	1	50	03	1	3	Cu	17.5	14	67	8
	441	ISMA'ÎLIA	170	9	35	20	5	5	Cu	17.0	14	55	5
Cairo Area	366	FAROUK (Airport)	270	17	30	03	1	5	Sc, Ac		14	52	4
	372	ALMAZA	290	14	30	03	1	5	Cu	17.7	14	48	3
		EZBEKIYA	270	16	18	50	5	6	Cu	17.9	15	48	4
		GIZA	270	16	18	50	5	6	Cu	17.9	16	42	3
	378	HELWÂN	290	11	15	03	0	6	Cu	18.0	13	44	1
Upper Egypt	381	FAIYÛM	360	6	35	03	1	5	st	19.8	16	36	1
	387	MINYA	320	13	8	02	1	2	Cu	19.4	16	28	-3
	393	ASYÛT MANQABÂD	340	12	30	01	1	1	Cu	19.6	14	48	3
	399	NAG' HAMMÂDI	270	3	15	02	0	4	Ac	18.3	16	42	3
	402	QENA	290	2	35	01	1	7	Cu	17.5	16	32	-1
	405	LUXOR	330	12	30	02	1	1	Cu	17.4	16	36	1
	414	ASWÂN	40	5	50	03	2	4	as.	17.4	17	26	-3
Oases	417	SÎWA	280	11	14	01	0	0	—	23.8	14	36	-1
	420	BAHARÎYA	320	2	35	01	2	4	Ac	21.1	15	59	7
	423	FARAFRA	320	4	35	02	2	4	Cu	22.3	15	48	4
	432	DAKHLA	360	14	50	00	0	0	—	21.0	15	39	1
	435	KHARGA	360	6	15	00	0	0	—	19.9	15	48	4
Red Sea	450	SUEZ	220	7	50	03	0	4	Cu	17.2	15	45	3
	459	TÛR	310	13	50	02	1	6	cb	15.6	17	42	4
	462	HURGHADA	360	16	30	01	2	2	Sc	15.3	15	52	5
	465	QUSEIR	360	13	15	01	1	0	—	14.5	18	52	8
	641	PORT SÛDÂN	50	13	30	03	2	6	Cu, Cs	11.1	27		
North Sûdân	600	WÂDI HALFA	360	19	30	03	0	2	Cs	16.0	21	28	2
	640	ABU HAMAD	360	4	30	03	1	6	Cs		27	23	4
	660	KAREIMA	310	8	30	02	1	5	Ci	11.0	28	23	5
	680	'ATBARA	350	4	30	03	1	5	Cs	8.4	31	52	20
	721	KHARTUM	320	5	30	02	0	1	Cs	8.9	33	26	11
	730	KASSALA											
Central Sûdân	751	WÂD MEDANI	320	9	35	02	0	0	—	5.7	35	22	10
	801	RENK	310	9	50	02	0	0	—		36	22	11
	802	ROSEIRES	310	2	35	02	0	0	—	5.5	38	25	15
	771	EL OBEID	20	6	30	01	1	0	—	8.5	32	21	7
	760	EL FÂSHER	260	3	30	02	0	0	—		33	19	6
	770	GENEINA	70	1	30	03	2	8	Cs		32	9	-5
S. Sûdân	840	MALAKÂL	50	5	30	02	0	0	—	4.8	38	11	3
	880	WÂU	00	0	10	04	2	5	Ci	4.2	39	12	5
	941	JUBA	80	2	10	04	2	8	Cu, Ac	6.4	33	34	15

At 1800 on Thursday 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.
SALÛM	250	9	15	02	1	5	Sc, Cu	21.4	11	88	9	0
SÎDI BARÂNI	330	16	10	25	8	7	Cu, Sc	19.7	12	77	8	7
MATRÛH	230	17	10	25	8	7	NS	19.7	11	82	8	3
EL DABA	270	11	7	02	1	4	Cu, Sc		10	88	8	1
ALEXANDRIA	330	16	35	03	6	6	cb	18.3	13	83	10	3
FOUAD (Airport)	290	13	12	01	1	5	cb	18.1	13	55	4	4
DAMIETTA												
PORT SA'ÎD												
EL 'ARISH												
DAMANHUR												
MANSURA	180	9		50	5	8	cb	18.0	10	77	6	dr.
TANTA	00	0	7	03	6	8	NS	18.4	9	71	4	2
ZAGAZIG												
ISMA'ÎLIA												
FAROUK (Airport)	220	9	12	03	1	5	Sc	19.9	10	88	8	0
ALMAZA	270	9	12	01	8	5	Cu, Sc	19.7	9	82	6	dr.
EZBEKIYA	00	0	12	02	1	2	Cu	19.9	9	82	6	0.3
GIZA	00	0	12	02	1	2	Cu	19.9	8	88	6	0.2
HELWÂN	00	0	7	01	5	0	—	20.2	8	88	6	dr.
FAIYÛM												
MINYA												
ASYÛT MANQABÂD												
NAG' HAMMÂDI	290	3	7	01	0	2	cb	21.4	11	63	4	0
QENA	320	3	7	00	0	0	—	20.6	12	44	0	0
LUXOR												
ASWÂN												
SÎWA	270	4	11	00	0	0	—	23.9	11	54	2	0
BAHARÎYA	320	3	15	02	1	4	Ac	22.2	11	63	4	0
FARAFRA	290	2	15	02	0	1	Ac	22.7	8	58	0	0
DAKHLA	340	11	35	00	0	0	—	22.6	9	47	-2	0
KHARGA	00	0	15	00	0	0	—	22.6	10	50	0	0
SUEZ												
TÛR	360	9	7	02	1	4	Sc	17.4			4	0
HURGHADA												
QUSEIR												
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Friday 11th January 1952

Station	Wind 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	270	19	15	03	2	7	Sc, Ac	21.1	+3.3	10	15	-4	8	-1	77	6	0?	Rain	
SÎDI BARÂNI	250	6	14	02	8	7	Cu, Sc	20.4		10	13		10		97	10	12	91	
MATRÛH	280	17	14	50	5	7	NS	20.6	+2.0	11	14		9		82	8	4	112	
EL DABA	270	9	15	03							14					9	Rain	Rain	
ALEXANDRIA	290	12	50	03	2	6	Sc	20.0	+1.1	15	15	-4	10	0	59	7	2	110	115
FOUAD (Airport)	300	11	18	01	2	5	Sc	19.7	+1.3	15	15	-3	12	+2	59	7	4	110	83
DAMIETTA	200	2	7	01	6	3	cb	19.3	+1.8	8			7	-1	97	8	18	123	50
PORT SA'ÎD	260	15	12	01	8	1	cb	19.2	+1.2	10			8	-4	94	9	7	56	
EL 'ARISH	270	10	18	01	6	4	Cu, Sc	18.4	-0.2	9			8		88	7	11	56	
DAMANHUR	230	9	7	02	6	3	Cu	19.9	+1.3	9			6	-2	71	4	4	62	45
MANSURA	270	3	35	00	6	0	—	21.0	+2.6	8	14	-6	6	-1	97	8	3	23	20
TANTA	00	0	7	03	6	8	NS	20.7	+1.5	9	15	-5	5	-1	97	9	3	32	17
ZAGAZIG	220	1	35	02	0	0	—	19.6	+0.5	8			4	-3	88	6	3	17	11
ISMA'ÎLIA	290	9	35	03	1	6	Cu	21.0		9			6		71	4	3	25	
FAROUK (Airport)											15								
ALMAZA	220	12	12	03	1	5	Sc	21.3	+2.2	8	15	-4	7	-2	88	6	0	Rain	
EZBEKIYA	90	4	12	50	5	4	Sc	21.8	+2.4	8	16	-4	8	0	82	5	0.3	50	11
GIZA	90	4	12	50	5	4	Sc	21.4	+1.8	8	17	-2	6	0	88	6	0.3	46	12
HELWÂN	00	0	7	03	2	7	Ac	22.4	+2.7	7	14	-4	6	-2	87	5	dr.	51	11
FAIYÛM	00	0	35	03	2	7	st	24.2	+4.8	6					88	4	0	18	3
MINYA	150	2	10	00	0	0	—	24.4	+4.1	5			1	-4	81	2	0	dr.	
ASYÛT MANQABÂD	140	3	10	00	0	0	—	24.6	+4.3	7			5	-2	62	0	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	—	25.2	+5.4	10	17	-4	4	-2	62	3	0	0.1	
QENA	220	2	15	03	1	6	Ci	24.6	+5.5	9	17	-6	5	-2	62	2	0	dr.	
LUXOR																			
ASWÂN	320	4	50	00	0	0	—	24.0	+4.9	9			5	-5	47	-2	0	dr.	
SÎWA	270	5	12	03	1	5	Sc	24.8	+4.1	8	15	-4	5	+1	71	3	0	5	5
BAHARÎYA	270	2	35	02	0	0	—	24.2	+3.9	12	15	-5	5	0	77	8	0	dr.	4
FARAFRA	320	5	35	02	0	0	—	25.1		9	15		3		62	2	0	dr.	
DAKHLA	270	11	50	00	0	0	—	25.2	+4.7	5	15	-7	2	-3	70	0	0	dr.	
KHARGA	00	0	15	00	0	0	—	25.9	+6.3	5	16	-6	3	-3	81	2	0	dr.	
SUEZ	180	1	50	00	0	2	Sc	21.5	+2.7	15			7	-3	59	7	0	18	9
TÛR	360	5	15	02	1	2	cb	21.8	+3.8	11	20	-1	5	-4	63	4	0	1	8
HURGHADA	300	16	30	02	0	1	Cu	20.9	+3.2	12			6	-4	51	2	0	0	
QUSEIR	270	13	15	02	0	0	—	21.4	+3.6	11			10	-4	51	1	0	dr.	4
PORT SÛDÂN																			86
WÂDI HALFA	20	5	30	02	0	0	—	24.2		8	21		5		54	-1	0	dr.	
ABU HAMAD	360	14	30	02	0	0	—			12	28		9		36	-3	0		
KAREIMA																			1
'ATBARA	350	17	7	07	1	5	Cs	17.3		15	33		13		36	0	0	0	2
KHARTUM																			4
KASSALA																			8
WÂD MEDANI																			12
RENK	310	9	35	02	0	0	—	14.9		21	37		17		35	5	0		49
ROSEIRES																			36
EL OBEID	360	13	30	03	0	4	Cs	17.5		15	33		13		32	-2	0	18	16
EL FÂSHER	40	6	30	02	2	7	—			13	35		11		44	1	0	13	6
GENEINA	100	11	30	02	0	1	—			13	34		12		31	-4	0		4
MALAKÂL																			88
WÂU	00	0	7	04	0	0	—	11.7		22	40		18		47	10	0	152	143
JUBA																			144

HUMIDITY %

Mean of day

Station	On 10th	Diff. from normal
Alexandria	69	+3
Ezbekiya	74	+5
Giza	78	+4
Helwân	81	+23

GIZA GRASS MINIMUM TEMP. ON 11th 3.8 °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 10th At 15h.

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	153	10		330	13
950					
900					
850	1482	1		290	29
800					
700	3011	-10		280	24
600					
500	5530	24		280	44
400	7120	35		280	65
300	9103	41			

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.	Kharga Dir.	Kharga Vel.	Siwa Dir.	Siwa Vel.	Asyut Dir.	Asyut Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14	
300	10	24	300	23	330	17	280	34
600	10	30	320	24	330	20	280	32
1000	10	28	320	36	330	16	270	24
1500					330	21	300	22
2000					330	23	300	33
3000					300	18	310	26
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 11th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport 8 Dir.	Fouad Airport 8 Vel.	Port Sa'îd 8 Dir.	Port Sa'îd 8 Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya 8 Dir.	Minya 8 Vel.	Asyut Manqabâd 8 Dir.	Asyut Manqabâd 8 Vel.	Luxor 8 Dir.	Luxor 8 Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Almaza 4 Dir.	Almaza 4 Vel.
300					280	6	260	31					320	5	310	6	320	6					250	17
600					240	10	280	27					320	8	330	20							250	19
1000					310	13	290	27					320	12	320	18	340	17					280	20
1500													330	13	330	18	320	39						
2000															330	23	340	34						
3000															330	25	250	38						
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya 8 Dir.	Bahariya 8 Vel.	Dakhla Dir.	Dakhla Vel.	Kharga 8 Dir.	Kharga 8 Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abu Hamad Dir.	Abu Hamad 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.
Time	8		8				8								4		4							
300	290	27	180	28			340	10																
600	300	26	190	12			340	20							360	20	10	7						
1000	300	23	190	12			350	21							360	8	20	22						
1500	310	22	190	16			350	16							360	16	50	9						
2000	320	17															320	10						
3000	310	21													270	19	260	17						
4000	320	19															260	17						
5000	310	20													270	23								
6000	300	25													250	26								
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.

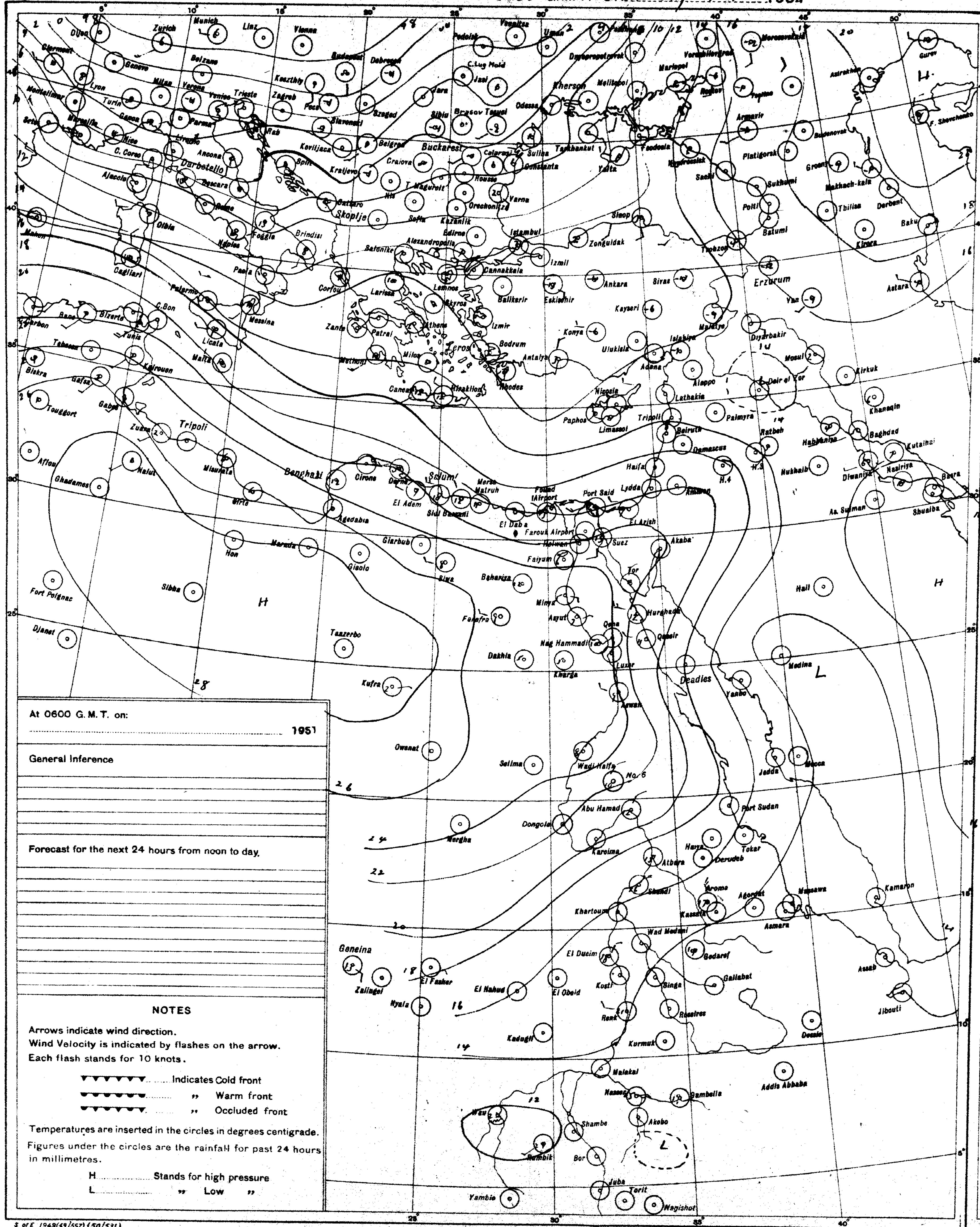
Note: All times are G.M.T.

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 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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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.
" " Sunset 15 14 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 12th January, 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	Rain past 12 hrs mms
MEDITERRANEAN	62300	SALÛM	270	13	35	02	2	7	Sc	20.3	17	52	7	
	303	SÎDI BARÂNI	330	8	18	02	2	8	Cu, Sc	20.4	16	68	10	
	306	MATRÛH	270	16	18	02	2	7	cb	20.0	14	77	10	
	309	EL DABA	290	16	35	03	2	8	st		16	68	10	
		ALEXANDRIA	270	14	50	03	6	8	Cu, Sc	20.0	17	68	11	
	318	FOUAD (Airport)	250	16	10	80	8	8	Cu, Sc	19.5	15	82	12	
	330	DAMIETTA	250	5	7	03	2	6	st	20.4	15	68	9	
	333	PORT SA'ID	290	12	30	03	0	2	Cu, Sc	19.9	15	77	11	
	336	EL 'ARISH	200	7	30	01	2	6	Cu, Sc	19.2	14	77	10	
LOWER EGYPT	339	DAMANHUR	270	9	15	02	1	3	Cu	20.3	15	59	7	
	342	MANSURA	270	9	15	03	2	7	cb	19.9	17	60	9	
	348	TANTA	00	0	7	03	6	8	NS	19.5	17	60	9	
	354	ZAGAZIG	220	1	50	03	1	3	Cu	19.7	17	68	11	
	441	ISMAÎLIA	290	5	35	01	1	3	Ac	19.8	16	49	5	
CAIRO AREA	366	FAROUK (Airport)												
	372	ALMÂZA	250	12	15	02	2	5	Sc	21.0	16	59	8	
		EZBEKÎYA	120	4	18	02	1	7	Cu, Ci	21.5	17	52	7	
		GÎZA	120	4	18	02	1	7	Cu, Ci	20.7	18	52	8	
	378	HELWÂN	00	0	7	01	2	3	As	21.2	15	48	4	
UPPER EGYPT	381	FAIYÛM	00	0	35	02	2	7	st	22.6	17	34	1	
	387	MINYA	20	6	12	03	1	3	Sc	22.7	18	40	4	
	393	ASYÛT MANQABÂD	320	3	30	03	0	1	Cu	23.0	16	49	5	
	399	NAG' HAMMÂDI	360	2	15	01	0	2	Ac	22.6	18	46	6	
	402	QENA	320	3	50	01	1	3	Ci	21.9	17	42	4	
	405	LUXOR	350	8	30	00	0	0	—	21.9	17	42	4	
	414	ASWÂN	320	6	50	00	0	0	—	21.6	16	56	7	
OASES	417	SÎWA	270	11	14	00	0	0	—	23.9	17	42	4	
	420	BAHARÎYA	270	3	35	02	1	3	Ac	22.6	18	60	10	
	423	FARAFRA	320	4	35	02	2	2	Cu	24.4	16	59	8	
	432	DAKHLA	360	11	50	00	0	0	—	24.0	16	42	3	
	435	KHARGA	360	2	15	00	0	0	—	22.4	17	42	4	
RED SEA	450	SUEZ	00	0	50	03	0	5	Sc	19.8	16	49	5	
	459	TÛR	310	5	50	02	0	0	—	19.4	17	60	9	
	462	HURGHADA	360	10	30	00	0	0	—	20.2	17	42	4	
	465	QUSEIR	360	13	15	02	0	0	—	20.1	18	46	6	
	641	PORT SUDÂN												
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												
	841	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
SALÛM	270	5	15	02	2	7	Sc	20.4	15	68	9
SÎDI BARÂNI											
MATRÛH	230	2	10	02	2	7	Ac	21.2	13	82	10
EL DABA	270	8	7	03	2	8	st		13	77	9
ALEXANDRIA	220	16	35	03	6	8	Cu, Sc	20.1	13	88	11
FOUAD (Airport)	220	15	12	02	6	7	Sc	20.7	13	82	10
DAMIETTA	220	2		02	6	6	cb	20.8	13	88	11
PORT SA'ID	260	9	18	03	1	7	Cu, Sc	21.4	13	88	11
EL 'ARISH			18	01	2			21.0			8
DAMANHUR	270	5	7	02	6	7	Cu	20.7	13	77	9
MANSURA	180	5		03	2	8	NS	21.9	13	88	11
TANTA	00	0	7	03	6	6	Cu	21.2	12	88	10
ZAGAZIG	00	0	35	03	1	4	Cu	22.0	13	88	11
ISMAÎLIA											
FAROUK (Airport)	180	14	10	03	1	5	Ac	22.7	13	72	8
ALMÂZA	200	8	12	03	2	6	Sc	22.4	13	67	7
EZBEKÎYA	00	0	12	02	1	3	Cu	22.6	13	67	7
GÎZA	00	0	12	02	1	3	Cu	22.3	12	77	8
HELWÂN	180	5	3	02	2	6	As	22.6	13	55	4
FAIYÛM	00	0	35	03	2	8	st	23.8	14	67	8
MINYA	00	0	10	02	2	7	Sc	23.5	14	52	4
ASYÛT MANQABÂD	160	2	12	02	1	1	Ac	24.0	12	55	3
NAG' HAMMÂDI	00	0	7	00	0	0	—	23.4	12	77	8
QENA	320	3	7	00	0	0	—	23.5	12	55	3
LUXOR											
ASWÂN	320	5	15	00	0	0	—	22.6	14	27	-5
SÎWA	260	3	11	00	0	0	—	23.6	12	59	4
BAHARÎYA	320	3	15	02	1	0	—	24.0	10	88	8
FARAFRA	290	1	15	02	2	1	Cu	24.8	10	76	6
DAKHLA	320	8	35	00	0	0	—	25.2	10	50	0
KHARGA	00	0	15	00	0	0	—	24.2	10	38	-4
SUEZ	180	2	35	01	0	0	—		12	77	8
TÛR	310	9	7	02	0	0	—	21.1	15	48	4
HURGHADA	320	5	14	00	0	0	—	21.6	13	44	1
QUSEIR	310	13	15	02	0	0	—	21.4	17	34	1
PORT SUDÂN	360	17	30	03	0	8	Sc	18.5	21	57	12
WÂDI HALFA	10	9	30	02	0	0	—	21.6	12	59	4
ABU HAMAD	360	7	30	02	0	2	Ci		15	21	-7
KAREIMA	360	7	30	01	1	0	—	18.9	17	22	-5
'ATBARA	350	13	30	02	2	7	—	15.6	21	21	-2
KHARTÛM	350	13	18	11	1	2	Ci	14.2	21	23	-1
KASSALA	40	7	30	02	2	5	Cs	11.7	25	51	14
WÂD MEDANI											
RENK											
ROSEIRES											
EL OBEID	360	5	30	02	0	0	—	14.5	18	26	-2
EL FÂSHER	70	7	30	01	2	5	Ci		18	32	1
GENEINA	30	5	30	02	0	0	—		22	21	-1
MALAKÂL	360	9	30	02	0	0	—		27	27	6
WÂU	340	2	10	04	0	0	—	8.0	29	29	9
JUBA	00	0	30	04	1	2	Ci	6.6	26	40	11

At 0600 on Saturday 12th January, 1952

Station	Wind 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	19	15	00	0	0	—	20.8	+3.0	10	18	-1	8	-1	88	8	0	Rain	
SÎDI BARÂNI	260	10	18	02	0	1	Sc	20.7		9			8		76	5	0	91	
MATRÛH	230	7	30	03	0	1	Cu	21.6	+3.0	9	16		8		88	7	0	108	
EL DABA	250	6	15	00	0	0	—			9	17		8		88	7	0	Rain	
ALEXANDRIA	220	17	50	01	5	5	Sc, Ac	21.0	+2.1	12	17	-2	10	0	77	8	8	118	117
FOUAD (Airport)	220	13	18	02	1	5	Ac	21.1	+3.2	11	17	-1	11	+1	82	8	3	113	84
DAMIETTA	220	5	7	01	1	2	Cu	21.2	+3.3	10	15	-3	7	-1	88	8	2	125	51
PORT SA'ID	250	14	14	01	2	2	Sc	21.3	+3.3	12	16	-2	11	-1	77	8	0.3	56	
EL 'ARISH	200	2	18	01	2	4	Ci	21.1	+2.5	12	15		10	+3	77	8	0	56	
DAMANHÛR	230	9	15	02	0	0	—	20.8	+2.2	9	17	-3	8	0	88	7	1	63	46
MANSÛRA	220	3	35	00	0	0	—	20.7	+2.3	9	18	-2	8	+1	88	7	0	23	21
TANTA	220	2	35	01	1	1	Cu	21.1	+1.9	8	18	-2	8	+2	88	6	4	36	17
ZAGAZIG	220	1	35	03	1	3	Cu	21.4	+2.3	9	18	-2	8	+1	88	7	0	17	12
ISMAÎLIA	200	2	35	01	2	7	Ac	22.2		12			9		77	8	0	25	
FAROUK (Airport)	200	12	15	02	1	3	Sc	22.9		11	16		9		77	7	0	Rain	
ALMÂZA	220	11	18	03	1	3	Sc	22.7	+3.6	10	17	-2	8	-1	67	4	0	Rain	
EZBEKÎYA	00	0	12	02	1	4	Cu, Ac	23.1	+3.8	10	18	-2	9	+1	71	5	0	50	11
GÎZA	00	0	12	02	1	4	Cu, Ac	22.4	+2.9	10	18	-1	8	+2	76	6	0	46	12
HELWÂN	00	0	7	02	1	5	Cu	23.4	+3.7	10	16	-2	10	+2	76	6	0	51	11
FAIYÛM	00	0	35	03	1	4	st	25.0	+5.6	10			6	0	67	4	0	18	3
MINYA	120	2	8	01	2	2	Ac	24.3	+3.9	9	19	-1	6	+2	71	4	0	dr.	
ASYÛT MANQABÂD	00	0	8	10	6	3	Ac	24.1	+3.9	7	16	-5	5	-2	71	2	0	dr.	
NAG' HAMMÂDI											19	-2							
QENA	360	2	15	00	0	0	—	23.9	+4.8	8	17	-6	4	-3	58	0	0	dr.	
LUXOR																			
ASWÂN	00	0	50	01	1	4	—	23.1	+4.0	9	17	-6	5	-5	62	2	0	dr.	
SÎWA	260	4	13	01	2	2	Ac	23.8	+3.1	8	17	-2	3	-1	66	2	0	5	5
BAHARÎYA	200	2	35	02	0	0	—	24.7	+4.4	11	19	-1	4	-1	63	4	0	dr.	4
FARAFRA	00	0	35	02	2	1	Cu	25.5		9	17		3		71	4	0	dr.	
DAKHLA	00	0	50	01	1	3	As	24.4	+3.9	6	16	-6	2	-3	57	-2	0	dr.	
KHARGA	00	0	15	03	1	1	Ci	24.2	+4.6	7	17	-5	2	-4	71	2	0	dr.	
SUEZ	00	0	50	00	0	3	Sc	24.6	+5.8	14			10	0	67	8	0	18	9
TÛR	20	9	35	02	0	0	—	22.6	+4.6	9	18	-3	6	-3	62	2	0	1	8
HURGHADA	290	13	30	02	1	1	Cu	21.8	+4.1	13	18	-2	7	-3	44	1	0	0	
QUSEIR	330	13	15	00	0	2	Ac	21.6	+3.8	13	18	-5	10	-4	44	1	0	dr.	4
PORT SÛDÂN											23								86
WÂDI HALFA											20								
ABU HAMAD											23								
KAREIMA											23								1
'ATBARA											27								2
KHARTÛM											27								4
KASSALA											34								8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID											27								16
EL FÂSHER											24								6
GENEINA											28								4
MALAKÂL											35								88
WÂU											36								143
JUBA											38								144

HUMIDITY

Mean of day

Station	on 11th	Diff. from normal
Alexandria	70	+4
Ezbekîya	67	-2
Gîza	73	0
Helwân	67	+9

GÎZA GRASS MINIMUM TEMP. ON 12th 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 11th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	179	14		340	9
950					
900					
850	1519	2		290	16
800					
700	3084	-4		300	20
600					
500	5632	-20		270	24
400	7253	-32		280	61
300	9222	-46		280	48

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 11th

Station	Matrah		Port Said		El Arish		Minya		Asyut		Siwa		Kharga		Almaza								Minya		Port Said	
Time	14		14		14		14		14		14		14		14								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	270	20	250	17	260	22	340	3	320	9	270	22	360	19	210	7							320	9	240	29
600	280	26	260	21	270	17	10	4	320	10	270	20	360	22	250	10							310	11	240	27
1000	290	21	280	29	270	27	330	6	340	11	280	20	10	22	260	11							310	6	250	35
1500	280	20	300	20	290	20	310	18	340	18					300	10							290	3	270	19
2000			300	29	310	11	310	16	330	20																
3000			320	29					340	16																
4000									330	14																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time			5				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			350	29			250	22					310	1									230	16
600			10	26			260	20					330	14									260	24
1000			360	26			270	16					340	20									270	35
1500			350	27			280	26					60	10										
2000			10	20			300	19																
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.

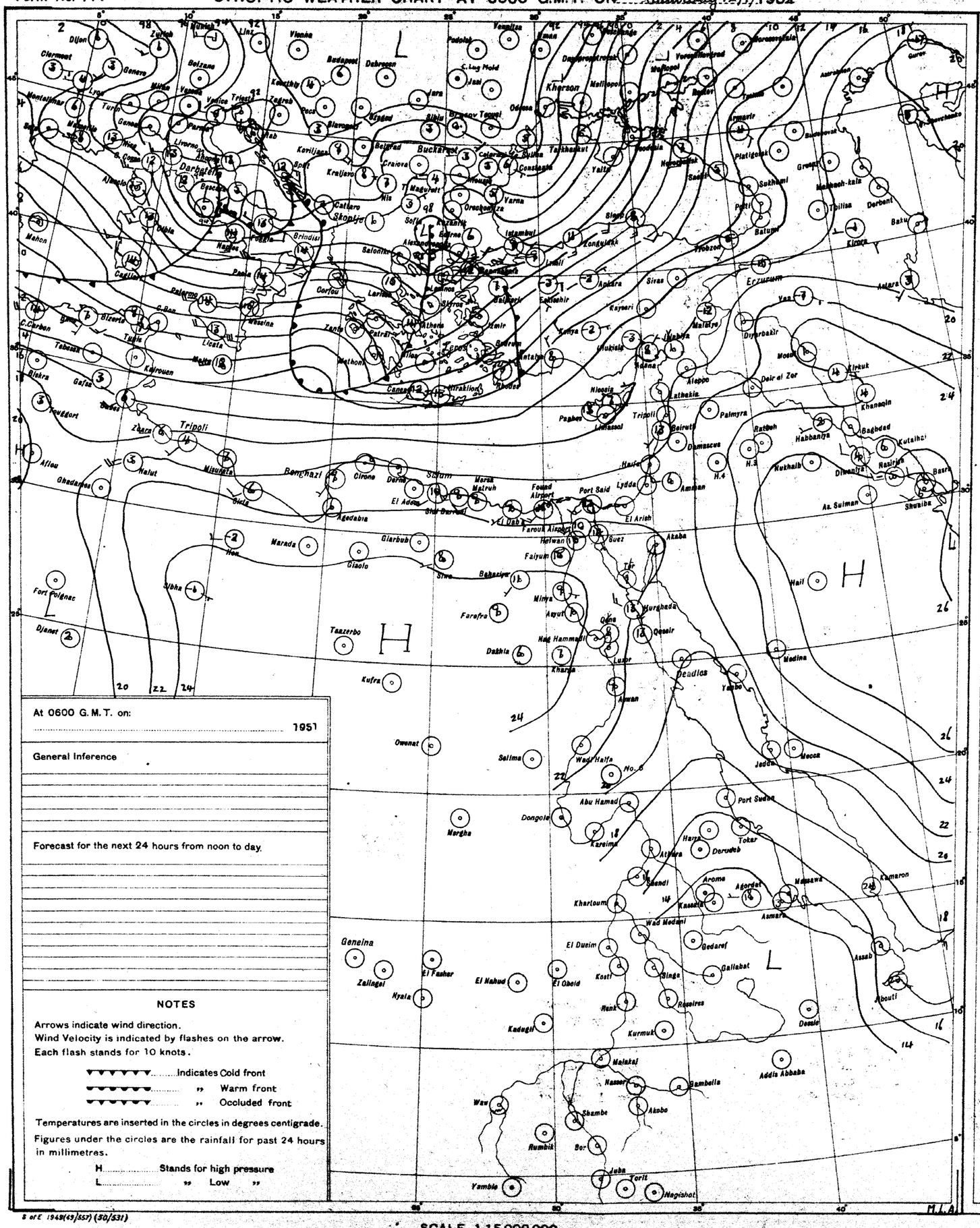
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 12/1/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 52 G. M. T.

" " Sunset 15 15 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 13th January, 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	50	19	35	00	0	0	—	19.0	17	34	1
	303	SÎDI BARÂNI			30	02	0		Cu	19.8	16	49	5
	306	MATRÛH	240	19	30	00	0	0	—	20.7	16	49	5
	309	EL DABʿA	270	10	15	00	0	0	—		16	59	8
		ALEXANDRIA	240	22	50	02	2	2	Cu	21.2	16	68	10
	318	FOUAD (Airport)	260	19	18	01	1	2	Cu	21.3	17	56	8
	330	DAMIETTA	220	5	35	02	1	2	Cu	21.2	17	68	11
	333	PORT SAʿÎD											
	336	EL ʿARISH	280	6	30	02	1	2	Ci	21.5	16	68	10
LOWER EGYPT	339	DAMANHUR	270	9	15	02	1	1	Cu	21.1	18	60	10
	342	MANSURA	270	5	35	02	1	2	Cu	21.2	19	64	12
	348	TANTA	220	2	35	01	1	1	Cu	21.0	18	60	10
	354	ZAGAZIG	220	1	50	02	1	0	—	21.2	18	60	10
	441	ISMAʿÎLÎA	240	5	35	01	1	3	Cs	21.8	19	46	7
CAIRO AREA	366	FAROUK (Airport)	250	11	30	01	2	2	Sc	22.1	18	56	9
	372	ALMÂZA	320	10	15	01	1	2	Sc	21.7	18	46	6
		EZBEKÎYA	230	4	18	02	1	5	Cu	22.2	19	49	8
		GÎZA	230	4	18	02	1	5	Cu	21.5	20	41	6
	378	HELWÂN	00	0	35	02	2	3	Cu	21.8	18	46	6
UPPER EGYPT	381	FAIYÛM	00	0	35	02	1	4	Cu	22.8	17	52	7
	387	MINYA	40	6	8	03	0	2	Cu	23.2	19	37	4
	393	ASYÛT MANQABÂD	330	5	30	02	1	1	Ac	22.2	17	46	5
	399	NAGʿ HAMMÂDI	290	4	15	01	0	3	Ac	20.2	20	41	6
	402	QENA	40	2	50	00	0	0	—	21.4	17	34	1
	405	LUXOR	340	3	30	02	2	1	Ci	20.8	18	40	4
	414	ASWÂN	320	6	50	01	1	4	Ci	19.8	17	52	7
OASES	417	SÎWA	220	7	14	00	0	0	—	23.1	18	40	4
	420	BAHARÎYA	320	3	35	03	2	4	Ac	22.6	17	60	9
	423	FARAFRA											
	432	DAKHLA	320	8	50	01	1	2	As	23.5	16	42	3
	435	KHARGA	360	1	15	01	0	1	Ci	23.0	18	46	6
RED SEA	450	SUEZ	180	2	50	03	0	4	Sc, As	21.5	17	56	8
	459	TÔR											
	462	HURGHADA	340	9	30	02	1	1	Cu	20.9	18	46	6
	465	QUSEIR	360	13	15	03	1	3	Cb, Ac	21.0	19	46	7
	641	PORT SÛDÂN											
NORTH SÛDÂN	670	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʿATBARA											
	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 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												
SÎDI BARÂNI	230	11	18	00	0	0	—	21.2	10	58	2	0
MATRÛH	230	11	30	00	0	0	—	22.4	10	76	6	0
EL DABʿA	00	0	7	00	0	0	—		10	88	8	0
ALEXANDRIA												
FOUAD (Airport)	180	7	12	01	0	1	Sc	23.4	12	88	10	0
DAMIETTA												
PORT SAʿÎD	280	3	12	02	0	1	Sc	23.6	14	88	12	0
EL ʿARISH	180	3	18	01	1	0	—	23.3	12	88	10	0
DAMANHUR												
MANSURA	310	5		02	1	3	Cu	22.4	14	88	12	0
TANTA	00	0	35	01	1	3	Cu	23.0	10	76	6	0
ZAGAZIG												
ISMAʿÎLÎA												
FAROUK (Airport)	70	2	12	00	0	0	—	24.6	13	72	8	0
ALMÂZA	220	4	12	00	1	0	—	23.7	13	77	9	0
EZBEKÎYA	00	0	12	00	0	0	—	24.3	12	77	8	0
GÎZA	00	0	12	00	0	0	—	23.8	11	77	7	0
HELWÂN	340	5	15	01	2	3	As	23.8	14	55	5	0
FAIYÛM												
MINYA	00	0	8	02	0	1	Cu	24.4	11	54	2	0
ASYÛT MANQABÂD	00	0	12	00	0	0	—	24.0	12	59	4	0
NAGʿ HAMMÂDI												
QENA												
LUXOR												
ASWÂN	320	5	7	00	0	0	—	22.6	14	55	5	0
SÎWA												
BAHARÎYA	320	2	15	02	2	7	Ac	24.6	12	63	5	0
FARAFRA	270	1	15	02	0	0	—	25.0	11	63	4	0
DAKHLA	320	8	35	01	2	2	As	25.4	11	41	-2	0
KHARGA	00	0	15	00	0	0	—	23.8	11	51	1	0
SUEZ												
TÔR												
HURGHADA	310	13	15	01	1	1	—	21.9	17	42	4	0
QUSEIR												
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʿATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 13th January, 1952

Station	Wind 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																			
SÎDI BARÂNI	220	9	18	00	0	0	—	23.8		7	17		6		57	-1	0	91	
MATRÛH	230	5	14	00	0	0	—	24.8	+6.2	7	16		5		76	3	0	112	
EL DABʿA	00	0	15	00	0					7	16		5		76	3	0	Rain	
ALEXANDRIA																			118
FOUAD (Airport)	210	7	18	02	0	0	—	25.4	+7.5	11	18	0	8	-2	77	7	0	113	85
DAMIETTA	200	2	3	12	0	0	—	25.9	+8.0	9			7	-1	88	7	0	125	52
PORT SAʿÎD	210	8	7	02	0	0	—	26.7	+8.7	12	18	0	10	-1	88	10	0	56	
EL ʿARISH	280	4	18	00	0	1	—	25.8	+7.3	11	18		7		88	9	0	56	
DAMANHUR	230	9	7	02	0	0	—	25.5	+6.9	9			7	-1	71	4	0	63	47
MANSURA	270	3	35	00	0	0	—	26.0	+7.6	7	19	-1	6	-1	97	7	0	23	21
TANTA	00	0	35	02	0	0	—	25.2	+6.0	9	19	-1	7	+1	88	7	0	36	17
ZAGAZIG	00	0	35	02	0	0	—	26.0	+6.9	9			7	0	88	7	0	17	12
ISMAʿÎLÎA	80	2	35	01	0	1	—	26.3		9			7		97	9	0	25	
FAROUK (Airport)	200	4	12	00	0	0	—	26.4		11	18		9		71	6	0	Rain	
ALMÂZA	300	2	10	05	0	0	—	26.5	+7.4	10	19	0	8	-1	76	6	0	Rain	
EZBEKÎYA	00	0	12	00	0	0	—	26.6	+7.3	8	20	0	7	-1	88	6	0	50	11
GÎZA	00	0	12	00	0	0	—	25.8	+6.3	7	21	+2	3	-3	87	5	0	46	12
HELWÂN	00	0	7	02	0	0	—	26.6	+7.0	10	19	+1	8	0	76	6	0	51	11
FAIYÛM	00	0	15	02	0	0	—	26.6	+7.2	9			5	-1	71	4	0	18	3
MINYA	330	3	8	00	0	0	—	26.1	+5.7	5	19	-1	2	-2	75	1	0	dr.	
ASYÛT MANQABÂD	270	2	10	10	0	0	—	26.2	+6.0	9	18	-3	6	-1	67	3	0	dr.	
NAGʿ HAMMÂDI	40	1	7	00	0	0	—	24.8	+5.1	9			5	0	71	4	0	0.1	
QENA	270	3	15	00	0	0	—	24.8	+5.7	8			4	-3	71	3	0	dr.	
LUXOR	00	0	30	00	0	0	—	24.3	+5.1	8			1		54	-1	0	dr.	
ASWÂN	320	5	50	00	0	0	—	24.0	+4.9	10	17	-6	6	-4	50	0	0	dr.	
SÎWA																			5
BAHARÎYA	00	0	35	02	0	0	—	26.6	+6.3	10	19	-1	2	-3	62	0	0	dr.	4
FARAFRA	220	1	35	02	0	0	—	26.7		3	19		-2		81	0	0	dr.	
DAKHLA	00	0	35	00	0	0	—	25.2	+4.7	7	18	-3	3	-2	57	0	0	dr.	
KHARGA	00	0	15	00	0	0	—	24.7	+5.1	10	18	-4	4	-2	62	3	0	dr.	
SUEZ	00	0	50	00	0	0	—	25.1	+6.3	14			10	0	67	8	0	18	9
TÔR																			8
HURGHADA																			
QUSEIR	330	13	15	02	0	0	—	21.8	+4.0	15	20	-3	12	-2	59	7	0	dr.	4
PORT SÛDÂN																			86
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
ʿATBARA																			2
KHARTÛM																			4
KASSALA																			8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID																			16
EL FÂSHER																			6
GENEINA																			4
MALAKÂL																			88
WÂU																			144
JUBA																			144

HUMIDITY % Mean of day

Station	On 12th	Diff. from normal
Alexandria		
Ezbekiya	67	-1
Giza	71	-2
Helwân	60	+2

GIZA GRASS MINIMUM TEMP. ON 13th 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 ..... At .....

Pressure 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

Height m.	Port Said Dir.	Vel.	El Arish Dir.	Vel.	Almaza Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Siwa Dir.	Vel.	Kharga Dir.	Vel.	Hurghada Dir.	Vel.	S. Baram Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	14		14		15	15	14		14		14		14		14		14									
300	260	16	280	13	360	10	60	3	330	10	240	9	10	16	10	6	260	26								
600	260	17	270	15	310	12	360	4	340	10	240	8	20	14	30	3	260	28								
1000	250	15	260	13	260	10	320	3	10	7	270	8	20	17	160	6	260	26								
1500	250	25			260	7	360	3	30	9	260	9			70	14	250	26								
2000	230	10	230	11	230	9			330	8	260	4					260	30								
3000									340	14	260	9					260	23								
4000											260	12														
5000											250	16														
6000											280	10														
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Saʿîd Dir.	Vel.	El ʿArîsh Dir.	Vel.	Helwan Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Almaza Dir.	Vel.
Time			5		2		2				8		2										3	
Height m.			280	21	280	13	210	11			360	1	30	13									40	3
300			290	24	280	13	240	12			20	11	360	13									320	9
600			300	13	290	11	260	11			30	6	340	12									330	4
1000			290	12	260	5	270	12			60	5	320	9									240	9
1500			320	10							60	19												
2000											310	12												
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.
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.

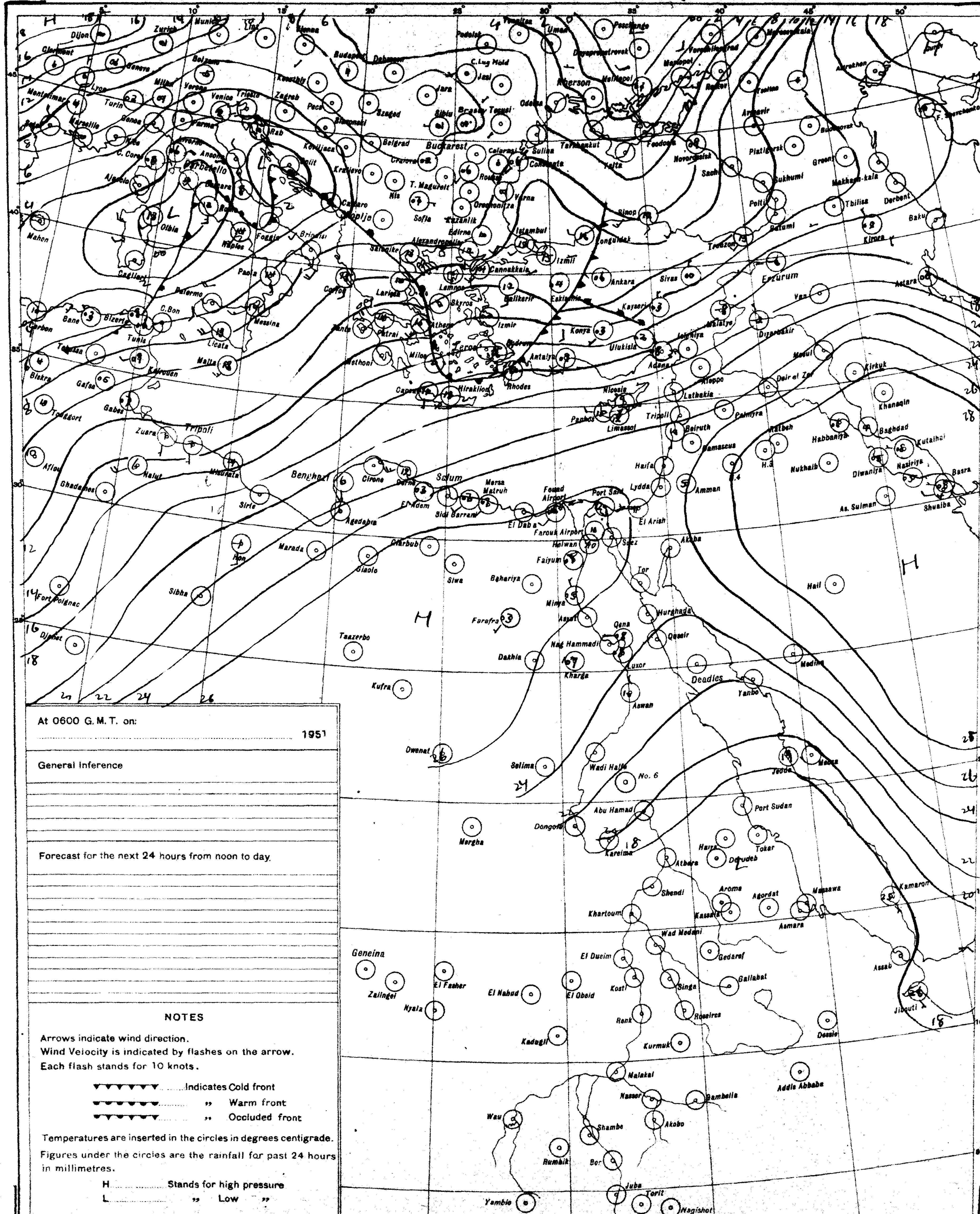
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 12/1* 1952



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 52 G. M. T.
" " Sunset 15 16 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 14th January 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	SALÛM	200	9	35	00	0	0	—	22.6	19	26	-1
	308	SÎDI BARÂNI	230	12	30	00	0	0	—	23.4	17	30	-1
	306	MATRÛH	220	5	30	00	0	0	—	25.1	17	42	4
	309	EL DABʿA	00	0	35	00	0	0	—		18	46	6
		ALEXANDRIA	310	6	50	00	0	0	—	26.3	17	52	7
	318	FOUAD (Airport)											
	330	DAMIETTA	320	2	35	03	0	1	Cu	25.8	16	68	10
	333	PORT SAʿÎD	330	4	30	02	0	0	—	26.4	16	72	11
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	25.6	18	52	8
	342	MANSURA	320	3	35	00	0	0	—	26.0	19	46	7
	348	TANTA	00	0	35	02	0	0	—	25.0	18	52	8
	354	ZAGAZIG	40	1	50	02	0	0	—	25.8	19	52	9
	441	ISMAʿÎLÎA	20	2	35	02	0	0	—	25.8	18	46	6
Cairo Area	366	FAROUK (Airport)	20	9	14	03	0	1	Cu	25.7	18	40	4
	372	ALMAZA	40	12	18	01	0	1	Cu	25.5	17	42	4
		EZBEKÎYA	90	4	18	02	1	1	Cu	25.6	18	46	6
		GÎZA	90	4	18	02	1	1	Cu	24.8	19	37	4
	378	HELWÂN	20	3	15	02	0	0	—	25.2	18	37	3
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	25.6	19	37	4
	387	MINYA	20	9	10	00	0	0	—	24.5	20	35	4
	393	ASYÛT MANQABÂD	340	5	30	00	0	0	—	23.3	19	28	0
	399	NAGʿ HAMMÂDI	00	0	15	00	0	0	—	22.4	21	41	7
	402	QENA	240	2	50	00	0	0	—	22.0	19	37	4
	405	LUXOR	10	5	30	00	0	0	—	21.0	20	41	6
	414	ASWÂN	360	5	50	00	0	0	—	20.4	21	26	1
Oases	417	SÎWA											
	420	BAHARÎYA	40	3	35	02	0	0	—	24.7	18	60	10
	423	FARAFRA	20	3	35	02	0	0	—	24.7	17	60	9
	432	DAKHLA	20	11	50	00	0	0	—	22.8	18	37	3
	435	KHARGA	360	2	15	00	0	0	—	22.0	20	46	8
Red Sea	450	SUEZ	360	3	50	03	0	0	—		15	68	9
	459	TÛR	310	5	50	02	0	0	—	22.7	20	56	11
	462	HURGHADA	30	8	30	02	0	0	—	21.8	19	43	6
	465	QUSEIR	360	13	15	00	0	3	ac	21.6	20	56	11
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʿATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	940	MALAKÂL											
	980	WÂU											
	941	JUBA											

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.
SALÛM	200	5	15	00	0	1	Ci	23.6	12	55	3	0
SÎDI BARÂNI	150	9	18	00	0	0	—	24.1	10	67	4	0
MATRÛH	160	8	10	00	0	0	—	26.0	9	71	4	0
EL DABʿA	00	0	7	00	0	0	—		9	97	9	0
ALEXANDRIA	00	0	35	00	0	0	—	27.1	14	55	5	0
FOUAD (Airport)	30	1	12	02	0	0	—	26.8	10	88	8	0
DAMIETTA	290	2	7	01	0	0	—	25.6	12	88	10	0
PORT SAʿÎD	80	6	14	02	0	0	—	26.8	14	88	12	0
EL ʿARISH												
DAMANHUR	40	5	7	02	0	0	—	25.9	13	77	9	0
MANSURA	40	3		00	0	0	—	26.4	12	77	8	0
TANTA	00	0	35	02	0	0	—	27.0	10	62	3	0
ZAGAZIG	40	1	35	02	0	0	—	26.0	12	44	[illegible]	0
ISMAʿÎLÎA												
FAROUK (Airport)												
ALMAZA	120	9	12	00	0	0	—	25.4	14	52	4	0
EZBEKÎYA	00	0	12	00	0	0	—	26.2	12	77	8	0
GÎZA	00	0	12	00	0	0	—	25.4	11	77	7	0
HELWÂN	20	11	7	02	0	0	—	25.8	14	36	-1	0
FAIYÛM	00	0	35	02	0	0	—	26.0	13	67	7	0
MINYA	360	8	8	00	0	0	—	25.8	9	67	3	0
ASYÛT MANQABÂD	280	4	10	00	0	0	—	24.8	13	55	4	0
NAGʿ HAMMÂDI	00	0	7	00	0	0	—	22.8	11	77	7	0
QENA	290	3	7	00	0	0	—	22.7	13	55	4	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	21.6	18	28	-1	0
SÎWA	140	3	9	00	0	0	—	24.2	10	58	2	0
BAHARÎYA	00	0	15	02	0	0	—	25.1			6	0
FARAFRA	00	0	15	02	2		Ci	25.1	12	63	5	0
DAKHLA	340	11	35	00	0	0	—	25.1	13	44	1	0
KHARGA	00	0	15	00	0	0	—		11	30	-6	0
SUEZ	360	1	35	02	0	0	—	24.4	14	55	5	0
TÛR	40	2	15	02	0	0	—	23.1	13	77	9	0
HURGHADA	320	10	12	02	0	0	—	23.0	16	52	6	0
QUSEIR	310	9	15	01	1	0	—	22.0	19	37	4	0
PORT SUDÂN	340	8	30	02	0	1	Se	18.9	22	57	13	0
WÂDI HALFA	20	7	30	02	0	0	—	20.5	15	39	1	0
ABU HAMAD	360	3		02	0	0	—		17	26	-3	0
KAREIMA	360	10	30	02	0	0	—	18.0	19	28	0	0
ʿATBARA												
KHARTÛM												
KASSALA	20	6	30	02	0	0	—	11.9	21	50	10	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA	30	4	30	02	0	0	—		21	15	-7	0
MALAKÂL	360	8	30	02	0	0	—	9.4	24	34	7	0
WÂU	00	0	10	04	0	0	—	8.5	27	33	9	0
JUBA	320	2	17	04	1	2	ac,c	6.1	27	37	11	0

At 0600 on Monday 14th January 1952

Station	Wind 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.
SALUM	140	5	15	03	1	5	ac, Ci	22.8	+5.0	12	19	0	7	-2	63	5	0	56	
SÎDI BARÂNI	170	4	15	02	2	6	ac, cs	24.6			18		5				0	91	
MATRÛH	80	8	14	01	1	5	cc	25.9	+7.4	8	18		6		66	2	0	112	
EL DABʿA	00	0	15	01	1	3	Sc			7	19		4		81	5	0	113	
ALEXANDRIA	130	4	35	04	1	6	Cu	25.8	+7.0	12	18	-1	12	+2	88	10	0	118	120
FOUAD (Airport)	120	2	11	42	4	4	ac, Ci	25.5	+7.6	8	18	0	7	-3	97	8	0	123	87
DAMIETTA	40	2	3	11	1	6	Cu, ac	25.0	+7.1	11	18	0	9	+1	97	11	0	117	53
PORT SAʿÎD	100	3	12	02	0	2	Cu, Ci	25.7	+7.7	15			14	+3	77	11	0	56	
EL ʿARISH	110	2	18	03	0	1	Cu	25.3	+6.8	8			5		88	6	0	56	
DAMANHUR	90	5	7	02	1	2	Cu	26.1	+7.2	9	19	-1	7	-1	97	9	0	65	48
MANSURA	40	3	35	03	2	5	ac	25.6	+7.3	11	20	0	4	-3	88	9	0	24	22
TANTA	00	0	35	03	2	6	Cu	25.7	+6.5	6	20	0	3	-3	97	6	0	36	18
ZAGAZIG	00	0	035	44	4	0	—	25.4	+6.3	9	22	+2	3	-4	97	9	0	17	12
ISMAʿÎLÎA																			
FAROUK (Airport)	70	5	8	05	1	3	Ci	25.7		8			6		94	7	0	70	
ALMAZA	120	6	14	03	1	2	Ac	25.4	+6.3	7	18	-1			97	7	0	58	
EZBEKÎYA	00	0	0.13	42	4	9	St	25.1	+5.8	8	19	-1			88	6	0	50	11
GÎZA	00	0	0.13	42	4	9	St	24.3	+4.8	6	19	0	4	-1	97	6	0	46	12
HELWÂN	00	0	7	02	0	1	Ci	24.8	+5.2	9	18	0	9	+1	71	4	0	51	12
FAIYÛM	00	0	35	03	1	3	Ci	26.2	+6.8	6	20	-1	4	-2	88	4	0	18	3
MINYA	00	0	8	02	1	3	Ci	25.3	+4.9	4	20	0	1	-3	87	2	0	dr.	
ASYÛT MANQABÂD	00	0	8	10	0	1	Ci	25.2	+5.0	8	20	-1	6	-1	76	4	0	dr.	
NAGʿ HAMMÂDI	00	0	3	10	0	0	—	25.0	+5.0	8	23	+2	2	-3	71	3	0	0.1	
QENA	320	2	15	00	0	0	—	24.8	+5.7	9	19	-4	5	-2	62	2	0	dr.	
LUXOR	00	0	30	00	0	0	—	23.7	+4.5	6			2		49	-4	0	dr.	
ASWÂN	320	4	30	00	0	0	—	23.3	+4.3	10	22	-1	6	-4	50	0	0	dr.	
SÎWA											18	-1							5
BAHARÎYA	00	0	35	02	0	0	—	25.9	+5.6	8	19	-1	1	-4	71	3	0	dr.	5
FARAFRA	00	0	35	02	2	1	Ac	25.9		5	19		-2		81	2	0	dr.	
DAKHLA	340	8	50	02	1	3	as	24.0	+3.5	8	19	-2	6	+1	71	3	0	dr.	
KHARGA	00	0	15	00	0	0	—	24.2	+4.6	9	20	-2	3	-3	62	2	0	dr.	
SUEZ	00	0	50	00	0	0	—	23.8	+5.1	9	19	-1	6	-3	94	8	0	1.8	9
TÛR	20	5	35	02	0	0	—	23.1	+5.1	9	21	0	6	-3	71	4	0	1	8
HURGHADA	280	13	30	02	0	1	Cu	22.6	+4.9	12	19	-1	7	-3	47	1	0	0	
QUSEIR	330	13	15	02	0	0	—	22.0	+4.2	15	21	-2	14	0	68	9	0	dr.	4
PORT SUDÂN											26								87
WÂDI HALFA											22								
ABU HAMAD											25								
KAREIMA											25								1
ʿATBARA																			2
KHARTÛM	360	15	30	02	0	0	—			16	29				42	3	0	0.6	4
KASSALA	290	2	30	02	0	0	—	14.3		19	33		15		68	13	0	49	8
WÂD MEDANI																			12
RENK	310	5	35	02	0	0	—	17.0		17	31		13		52	7	0		49
ROSEIRES	50	2	35	02	0	0	—	16.1		21			16		50	10	0	92	36
EL OBEID	20	7	30	02	0	0	—	18.3		14	27		10		32	-3	0	18	16
EL FÂSHER	00	0	30	02	0	0	—			8	26		7		50	-2	0	13	6
GENEINA	40	8	30	02	0	0	—			13	29		11		26	-6	0		4
MALAKÂL	20	17	30	02	0	0	—	13.8		22	34		18		27	2	0	94	88
WÂU	00	0	10	04	0	0	—	13.9		19	34		17		35	3	0	152	144
JUBA	50	2	30	04	0	2	Ci	12.5		25	36		18		42	11	0	215	144

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria	65	-1
Ezbekîya	75	+7
Gîza	76	+3
Helwân	52	-6

GÎZA GRASS MINIMUM TEMP. ON 14th 2.5 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 13th At 15h.

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	232	16		40	8
950					
900					
850	1575	9		60	13
800					
700	3165	4		280	9
600					
500	5817	-13		320	14
400	7470	-28		300	25
300	9472	-44			

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 13th

Height m.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Luxor Dir.	Luxor Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.
Time	14		14		14		14	15	14		14		14		14		14		20	
300	20	14	350	20	10	10	360	9	10	16			120	7	210	10	350	8	60	19
600	40	10	20	17	10	10	10	9	20	20	310	13	110	6	220	11	360	8	60	19
1000	40	11	40	20	10	10	30	10	20	20	290	19	100	5	220	9	10	9	80	20
1500	70	15	80	18	40	4	30	12	20	14	270	20	110	5	160	12	360	7	80	20
2000	80	9			30	7	10	11			270	17			170	19	60	12	100	16
3000	10	4			40	9									180	12				
4000	320	12			340	10									110	7				
5000					340	11														
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 14th

Station	Sîdi Barani Dir.	Sîdi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El ʿArîsh Dir.	El ʿArîsh 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.	Almaza Dir.	Almaza Vel.
Time	8		5				3		7		7	30	8		8		8		8		8		4	
300	160		150	17			110	22	180	7	350	2	240	3	120	3	20	10	360	7	320	9	70	13
600	150	21	150	12			100	28	150	4	280	6	300	3	180	1	30	12	60	25	270	10	60	25
1000	160	28	160	6			100	19	160	6	140	5	210	3	160	8	40	13	80	20	240	7	60	13
1500	170	18	200	13			20	25	150	9	160	10	160	6	170	4	50	8	130	23	250	16	180	1
2000	250	16	200	18					170	9	240	9	180	6	110	3	10	12	70	19	260	23	170	9
3000			200	23					180	8	210	11	200	6	170	5					260	21	220	10
4000									240	7	290	13			320	5								
5000									300	12														
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		5				5		4		4		4		5			
300	120	25	220	6			20	10	60	10														
600	130	26	220	4			70	12	70	15			70	19	20	25	80	5						
1000	150	22	240	3			90	14	80	15			70	19	40	27	50	9						
1500	160	18	270	3			70	10	100	17			60	18	10	13	50	12	20	11	50	20		
2000	250	15					60	8							300	14	310	15			50	8		
3000	240	19							60	19			320	17							280	9		
4000	200	23																			170	7		
5000	210	27																						
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.

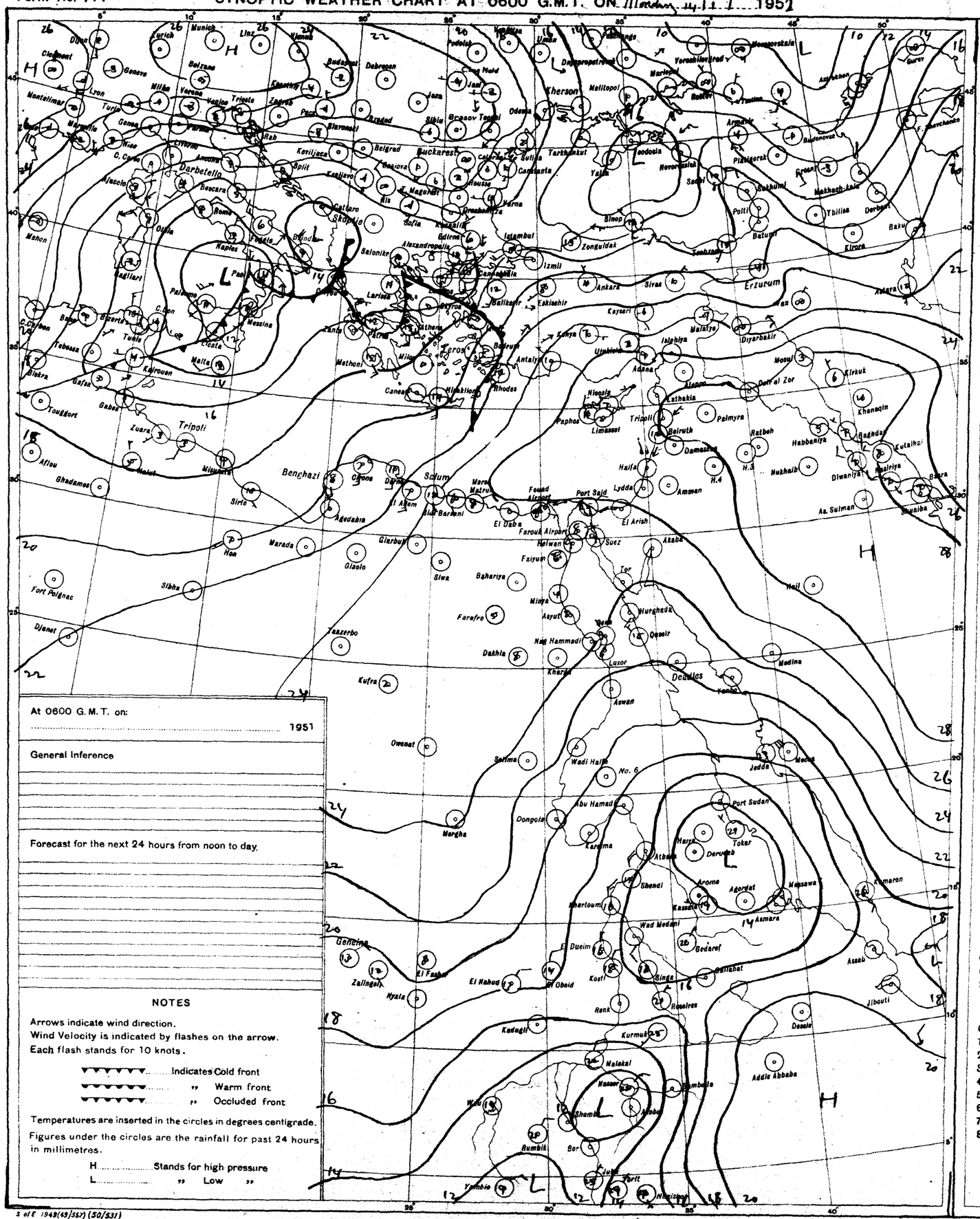
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 4.11.1951



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 52 G.M.T.
" " Sunset 15 17 G.M.T.

MAR 28 1952 WEATHER BUREAU

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 15th January, 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	180	9	35	02	2	7	ac, Ci	20.7	18	37	3
	303	SÎDI BARÂNI	190	16	4	06	2	6	cs	21.2	17	42	4
	306	MATRÛH	130	11	18	01	2	6	cs	22.0	16	52	6
	309	EL DABA	140	9	35	03	2	8			14	77	10
		ALEXANDRIA	40	10	35	03	2	7	ac	23.9	16	68	10
	318	FOUAD (Airport)	20	11	18	02	2	7	sc, ac	23.5	17	64	10
	330	DAMIETTA	200	2	7	02	1	6	cu, ac	23.5	18	73	13
	333	PORT SA'ÎD	70	6	30	01	1	6	ac, Ci	23.6	15	68	9
	336	EL 'ARISH	350	6	50	03	2	7	Ci	22.3	16	68	10
LOWER EGYPT	339	DAMANHUR	40	5	15	02	1	3	cu	24.0	18	60	10
	342	MANSURA	360	5	35	02	1	3	cu	24.0	19	64	12
	348	TANTA	360	2	35	03	2	6	cu	24.1	19	52	9
	354	ZAGAZIG	40	1	50	02	1	0	—	23.1	20	56	11
	441	ISMA'ÎLIA											
CAIRO AREA	366	FAROUK (Airport)	310	3	30	02	2	3	Ci	22.8	18	37	3
	372	ALMÂZA	290	4	30	03	0	3	Ci	22.7	19	37	4
		EZBEKÎYA	320	4	18	02	1	4	Ci	23.5	19	46	7
		GÎZA	320	4	18	02	1	4	Ci	22.0	19	52	9
	378	HELWÂN	00	0	15	02	2	5	cc	22.7	19	37	4
UPPER EGYPT	381	FAIYÛM	00	0	35	02	1	3	Ci	23.8	21	33	4
	387	MINYA	00	0	8	02	1	3	Ci	23.3	20	38	6
	393	ASYÛT MANQABÂD	00	0	14	03	1	3	Ci	22.4	20	28	1
	399	NAG' HAMMÂDI	00	0	7	01	0	3	ac	21.4	21	50	10
	402	QENA	240	2	50	03	1	3	Ci	20.8	20	41	6
	405	LUXOR											
	414	ASWÂN	340	4	50	00	0	0	—	19.8	22	36	6
OASES	417	SÎWA											
	420	BAHARÎYA	00	0	35	02	1	4	ac	22.4	20	46	8
	423	FARAFRA	90	1	35	02	2	5	ac	23.4	19	46	7
	432	DAKHLA	20	8	50	01	1	4	as	20.6	21	33	4
	435	KHARGA	00	0	15	01	0	1	Ci		22	44	9
RED SEA	450	SUEZ	180	2	50	03	0	3	cb	21.6	19	43	6
	459	TÛR											
	462	HURGHADA	20	5	35	03	1	5	ac, Ci	21.1	20	53	10
	465	QUSEIR	360	19	15	02	0	0	—	20.6	19	37	4
	641	PORT SÛDÂN	360	21	7	07	0	0	—	14.1	27	52	16
NORTH SÛDÂN	600	WÂDI HALFA	10	10	50	02	0	1	cs	18.1	23	27	3
	640	ABU HAMAD	70	6	30	03	0	0	—		27	22	3
	660	KAREIMA											
	680	'ATBARA	40	7	30	02	0	0	—	11.7	27	20	2
	721	KHARTÛM											
	730	KASSALA	360	4	30	02	0	0	—		34	25	11
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK	310	9	35	02	0	0	—		32	21	7
	802	ROSEIRES	310	5	35	02	0	0	—	6.3	36	31	16
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	20	11	30	02	0	0	—	7.2	34	15	4
	880	WÂU	30	5	10	04	0	0	—				3
	941	JUBA	360	5	30	04	0	0	—	4.7	37	22	12

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												
SÎDI BARÂNI	150	8	15	02	1	3	Ci	20.4	9	76	6	0
MATRÛH	120	2	12	01	0	0	—	21.8	8	94	7	0
EL DABA												
ALEXANDRIA	90	4	35	01	2	6	ac	22.2	15	77	11	0
FOUAD (Airport)	360	3	12	02	2	6	as	22.0	12	94	11	0
DAMIETTA	270	2	7	01	1	4	ac	21.2	15	88	13	0
PORT SA'ÎD	120	7	18	02	2	8	ac	21.2	15	68	9	0
EL 'ARISH												
DAMANHUR	40	5		02	0	0	—	21.6	13	77	9	0
MANSURA	90	3		00	1	0	—	22.4	14	88	12	0
TANTA	00	0	35	01	2	4	cu	20.8	13	67	7	0
ZAGAZIG	00	0	35	02	1	0	—	20.7	13	77	9	0
ISMA'ÎLIA												
FAROUK (Airport)	40	8	12	03	2	8	ac, Ci	21.8				0
ALMÂZA	320	3	12	02	2	8	sc	21.7	15	55	6	0
EZBEKÎYA	00	0	12	02	1	8	cs	22.0	14	67	8	0
GÎZA	00	0	12	02	1	8	cs	21.2	13	77	9	0
HELWÂN	290	7	7	02	2	8	ac, Ci	21.4	15	48	4	0
FAIYÛM	00	0	35	03	2	5	Ci	22.4	14	67	8	0
MINYA	00	0	8	02	1	3	Ci	21.9	13	44	1	0
ASYÛT MANQABÂD	00	0	10	02	1	1	Ci	22.2	15	42	2	0
NAG' HAMMÂDI	00	0		02	0	5	ac, Ci	21.0	13	77	9	0
QENA	240	2	7	03	1	5	Ci	21.9	14	55	5	0
LUXOR												
ASWÂN			15	00	0	0	—	19.6	18	28	-1	0
SÎWA	180	19	11	02	2	2	cu	21.5	13	48	2	0
BAHARÎYA	00	0	15	02	1	3	ac	21.2	11	63	4	0
FARAFRA	00	0	15	02	2	5	ac	22.3	11	63	4	0
DAKHLA	320	8	35	01	0	1	as	23.1	15	48	4	0
KHARGA												
SUEZ												
TÛR												
HURGHADA	20	19	15	00	0	0	—	22.0	16	64	9	0
QUSEIR	20	19	15	02	0	0	—	21.6	19	64	12	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA	30	4	30	02	0	0	—		23	20	-1	0
MALAKÂL	20	6	30	02	0	0	—	8.9	26	30	7	0
WÂU												
JUBA	00	0	30	02	4	0	—	6.1	27			0

At 0600 on Tuesday 15th January, 1952

STATION	WIND 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																			
SÎDI BARÂNI	210	9	18	02	0	0	—	16.9		7	17		5		66	1	0	91	
MATRÛH	190	12	14	03	0	1	Ci	17.9	-0.6	8	17		5		66	2	0	112	
EL DABA																			
ALEXANDRIA	130	5	0.02	45	4	9	st	19.0	+0.2	10	18	-1	9	-1	88	8	0	118	121
FOUAD (Airport)	00	0	0.05	45	4	9	st	18.9	+1.0	8	18	0	7	-3	97	8	0	123	88
DAMIETTA	220	2	0.8	42	4	5	ac	19.0	+1.1	9	19	+1	8	0	88	7	0	117	54
PORT SA'ÎD	200	11	12	03	2	7	ac, Ci	18.2	+0.2	12	18	0	10	-1	97	12	0	56	
EL 'ARISH																			
DAMANHUR	00	0	0.12	45	4	9	st	19.1	+0.5	7	21	+1	6	-2	97	7	0	65	49
MANSURA	270	3		42	4	0	—	18.7	+0.4	7	21	+1	6	-1	97	7	0	24	22
TANTA	220	2	35	01	1	2	cu	19.1	-0.1	7	21	+1	5	-1	97	7	0	36	18
ZAGAZIG	220	1	35	03	1	3	cu	19.1	0.0	9	21	+1	3	-4	88	7	0	17	12
ISMA'ÎLIA																			
FAROUK (Airport)	220	14	12	03	1	5	ac, Ci	19.7		12	20		9		67	6	0	70	
ALMÂZA	260	8	12	02	2	4	sc, cu	19.4	+0.3	10	21	+2	9	0	76	6	0	58	
EZBEKÎYA	00	0	12	02	1	7	Ci	19.5	+0.3	11	20	0	9	+1	67	5	0	50	11
GÎZA	00	0	12	02	1	7	Ci	19.2	-0.2	10	21	+2	6	+1	76	6	0	46	12
HELWÂN	00	0	7	02	2	6	cu, ac	19.5	-0.1	10	19	+1	9	+1	62	3	0	51	12
FAIYÛM	00	0	35	02	1	3	st	21.4	+2.0	8	22	+1	4	-2	71	3	0	18	3
MINYA	00	0	8	01	1	1	Ci	21.1	+0.7	6	21	+1	2	-2	81	3	0	dr.	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	21.0	+0.8	9	20	-1	5	-1	62	2	0	dr.	
NAG' HAMMÂDI											23	+2							
QENA	320	2	15	00	0	0	—	20.3	+1.2	11	21	-2	6	-1	41	-2	0	dr.	
LUXOR	120	3	30	00	0	0	—	19.8	+0.6	12			5	0	67	6	0	dr.	
ASWÂN	360	5	50	00	0	0	—	18.3	-0.7	13	23	0	9	-1	59	5	0	dr.	
SÎWA	00	0	13	02	1	3	Ci	19.4	-1.3	5	19	-1	4	0	65	-1	0	5	5
BAHARÎYA	00	0	15	01	1	0	—	21.2	+0.9	7	22	+2	1	-4	71	2	0	dr.	5
FARAFRA	220	1	35	02	2	3	cu	21.2		3	21		0		65	-3	0	dr.	
DAKHLA	340	8	50	00	0	0	—	20.8	+0.4	9	23	+2	3	-2	47	-2	0	dr.	
KHARGA																			
SUEZ	360	1	50	00	0	3	cb	18.7	0.0	10			7	-2	67	4	0	18	9
TÛR																			8
HURGHADA	270	12	30	02	0	0	—	18.1	+0.3	13	20	0	8	-2	38	-1	0	0	
QUSEIR	310	9	15	02	0	0	—	17.8	0.0	15	22	-1	13	-1	59	7	0	dr.	4
PORT SÛDÂN	360	13	30	01	2	3	sc	15.9		23	28				61	15	0	Rain	87
WÂDI HALFA	300	4	30	02	0	0	—	18.3		9	24				62	2	0	dr.	
ABU HAMAD	260	5	30	02	0	0	—			16	29				49	5	0		
KAREIMA			30	02	0	0	—	15.6		16	27				49	5	0	dr.	1
'ATBARA	10	8	30	02	0	0	—	14.8		17	29				56	8	0	0	2
KHARTÛM	00	0	18	02	0	0	—	12.6		19	34				40	5	0	0.6	4
KASSALA																			8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	360	9	30	01	0	1	Ci	15.6		15	28				32	-2	0	18	16
EL FÂSHER	00	0	30	02	0	0	—			10	28				47	-1	0	13	6
GENEINA	60	6	18	03	1	1	Ci			12	32				26	-7	0		4
MALAKÂL											36								88
WÂU																			144
JUBA											38								144

HUMIDITY % Mean of day

STATION	on 14th	Diff. from normal
Alexandria	82	+16
Ezbekiya	71	+3
Gîza	79	+6
Helwân	58	0

GÎZA GRASS MINIMUM TEMP. ON 15th 4.0 °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	177	17			
950					
900					
850	1557	10			
800					
700	3153	6			
600					
500	5825	-11			
400	7500				
300	9525	-40			

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 14th

STATION	Matruh		Minya		Siwa		Kharga		Hurghada		S. Barani															
TIME	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	100	17	10	4	170	11	50	7	20	9	180	14														
600	90	14	320	2	170	13	60	10	60	9	200	13														
1000	90	12	250	9	170	14	60	8	100	5	220	17														
1500	120	10	140	2	210	18			170	15	220	14														
2000					210	20					220	15														
3000					220	23																				
4000					230	16																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME			4								7		2				5 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			350	9							130	7	350	10			50	5						
600			20	6							230	8	340	15			230	5						
1000			10	21							260	10	330	13			170	6						
1500			340	32							270	23	340	16			210	5						
2000											270	26					240	6						
3000											250	36					280	7						
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU 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.

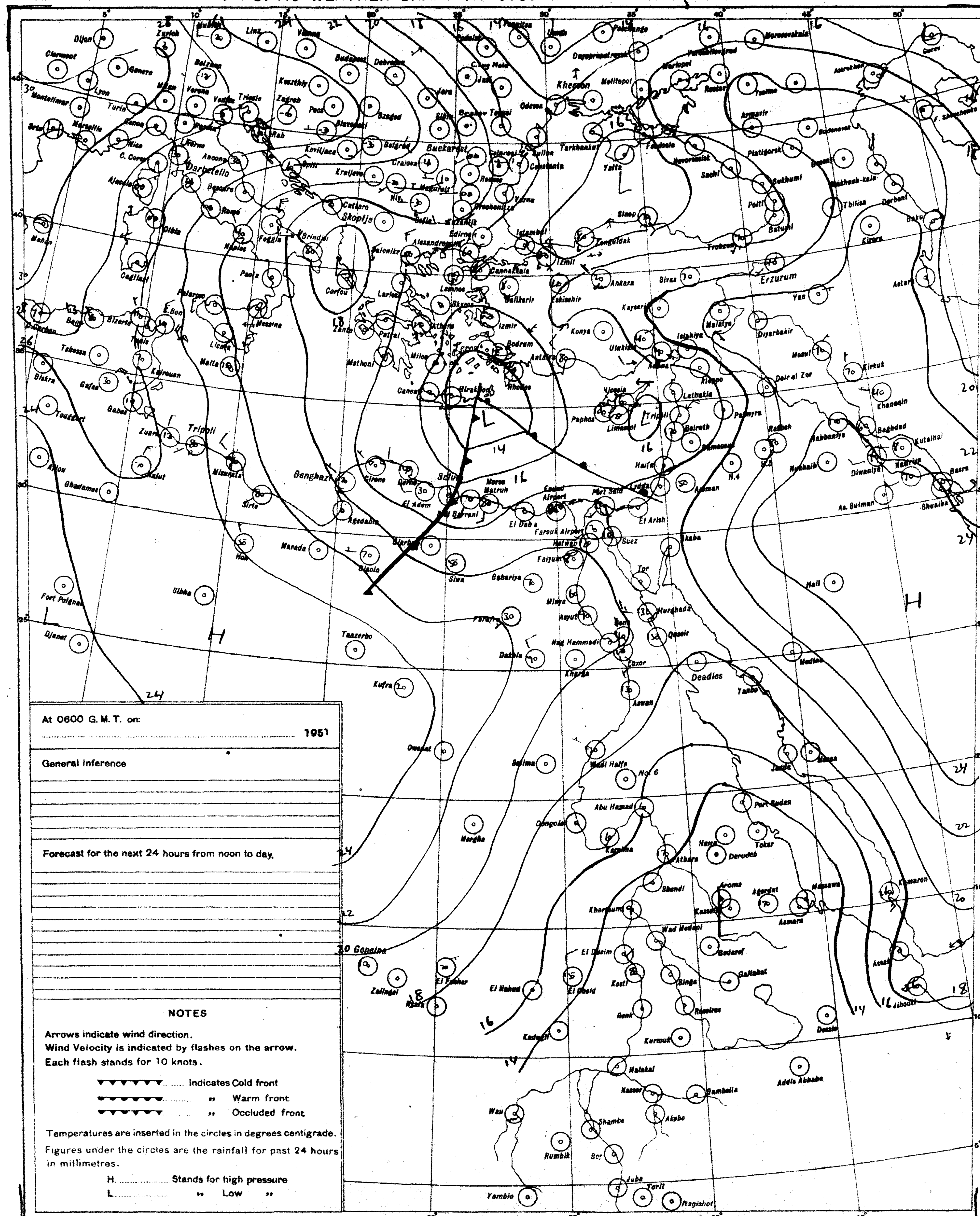
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 15 11 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 52 G. M. T.
" " Sunset 15 17 G. M. T.

MAR 26 1952 WEATHER BUREAU

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 16th January, 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	SALÛM	290	13		00	1	3	Cu	16.0	18	60	10
	303	SÎDI BARÂNI	290	11	30	02	0	1	Cu	16.1	18	52	8
	306	MATRÛH	300	13	18	02	1	1	Cs	16.2	16	52	6
	309	EL DABʻA	290	4	35	00	0	0	—		18	46	6
		ALEXANDRIA	220	6	50	01	1	2	Cu	16.6	17	60	9
	318	FOUAD (Airport)	260	11	18	01	4	1	Cu	16.1	18	52	8
	330	DAMIETTA	250	2	35	00	0	0	—	16.4	17	52	7
	333	PORT SAʻÎD	270	9	30	01	0	0	—	16.0	17	64	10
	336	EL ʻARISH	300	6	50	01	1	1	Cs	15.8	16	68	10
Lower Egypt	339	DAMANHUR	330	5	15	02	1	1	Cu	16.3	19	52	9
	342	MANṢURA	270	5	35	00	0	0	—	16.0	19	52	9
	348	ṬANṬA	270	2	35	02	0	0	—	16.4	19	52	9
	354	ZAGAZIG	220	1	50	02	1	0	—	15.9	20	56	11
	441	ISMAʻILÎA											
Cairo Area	366	FAROUK (Airport)	240	9	30	00	1	0	—	17.0	19	26	-1
	372	ALMÂZA	200	6	18	00	1	0	—	16.4	19	28	0
		EZBEKÎYA	00	0	18	00	0	0	—	16.8	20	26	0
		GÎZA	00	0	18	00	0	0	—	16.7	22	29	3
	378	ḤELWÂN	00	0	35	01	0	0	—	16.2	19	30	1
Upper Egypt	381	FAIYÛM	00	0	35	01	1	1	Ci	18.3	21	26	1
	387	MINYA	200	3	10	02	1	1	Ci	18.0	21	28	2
	393	AṢYÛT MANQABÂD	340	4	30	00	0	1	Ci	17.3	21	41	8
	399	NAGʻ ḤAMMÂDI	00	0	7	01	0	3	Ci	17.6	22	44	9
	402	QENA	20	2	50	03	1	2	—	17.0	21	41	7
	405	LUXOR	270	4	30	00	0	0	—	16.3	23	38	8
	414	ASWÂN	320	4	50	00	0	0	—	15.2	24	26	3
Oases	417	SÎWA	270	9	14	02	0	2	Ci	18.3	18	26	-2
	420	BAHARÎYA	180	2	35	02	1	2	Ac	17.2	23	44	10
	423	FARAFRA	00	0	35	02	2	2	Ac	18.4	22	36	6
	432	DAKHLA	00	0	50	03	0	2	Ac	18.0	23	32	5
	435	KHARGA	00	0	15	02	1	1	Ci	17.3	24	38	9
Red Sea	450	SUEZ	180	2	50	01	0	0	—	15.0	20	46	8
	459	TÔR	290	2	50	02	0	0	—	15.4	22	44	9
	462	HURGHÂDA	20	6	30	02	0	0	—	15.0	21	50	10
	465	QUSEIR	360	13	15	02	0	0	—	16.5	21	74	16
	641	PORT SÛDÂN	40	12	30	02	1	1	Cu	12.6	27	62	19
North Sûdân	600	WÂDI HALFA											
	640	ABU ḤAMAD	90	2	30	02	0	0	—		29	25	7
	660	KAREIMA	20	5	30	02	0	0	—	12.0	27	33	9
	680	ʻATBARA	50	4	30	02	0	0	—	9.0	30	29	10
	721	KHARTÛM	340	9	30	02	0	0	—	9.5	29	25	7
	730	KASSALA	360	4	30	02	0	0	—	5.6	35	23	11
Central Sûdân	751	WÂD MEDANI	310	9	35	02	0	0	—	7.6	31	24	8
	801	RENK	310	9	35	02	0	0	—	8.0	33	19	6
	802	ROSEIRES	310	5	35	02	0	0	—		35	35	17
	771	EL OBEID	20	9	30	01	0	1	Ci	8.9	29	14	-1
	760	EL FÂSHER	100	5	30	02	0	1	Ci		27	27	6
	770	GENEINA	60	3	30	02	0	1	Ci		31	6	-11
S. Sûdân	840	MALAKÂL	50	7	30	02	0	0	—	6.2	35	12	2
	880	WÂU	50	7	10	04	2	7	Cs	5.7	36	12	2
	941	JUBA	90	5	30	04	0	2	Cu, Ci	4.3	38	19	11

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.
SALÛM	270	5	15	00	0	0	—	18.0	14	77	10	0
SÎDI BARÂNI	310	16	15	02	6	2	Sc	17.1	15	83	8	0
MATRÛH			12	03	0	3	Sc, Ci	17.3	11	82	8	0
EL DABʻA	270	2	35	00	0	0	—		11	77	7	0
ALEXANDRIA	220	8		02	0	0	—	16.4	14	67	8	0
FOUAD (Airport)	220	5	12	02	0	0	—	16.3	11	88	9	0
DAMIETTA	250	2	7	00	0	0	—	16.4	12	88	10	0
PORT SAʻÎD	300	4	18	02	0	0	—	16.1	14	82	11	0
EL ʻARISH												
DAMANHUR	360	5		02	0	0	—	16.6	11	88	9	0
MANṢURA	360	3		00	0	0	—	16.2	14	77	10	0
ṬANṬA	00	0		01	1	4	Cu	15.9	10	76	6	0
ZAGAZIG												
ISMAʻILÎA												
FAROUK (Airport)	00	0	12	00	0	0	—	17.2	14	59	6	0
ALMÂZA	00	0	12	00	0	0	—	16.8	14	48	3	0
EZBEKÎYA	00	0	12	00	0	0	—	16.7	12	59	4	0
GÎZA	00	0	12	00	0	0	—	17.1	10	76	6	0
ḤELWÂN	180	3	7	02	0	0	—	16.8	14	48	3	0
FAIYÛM	00	0	35	01	0	0	—	17.1	11	63	4	0
MINYA	00	0	8	02	1	1	Ci	17.6	10	58	2	0
AṢYÛT MANQABÂD												
NAGʻ ḤAMMÂDI	00	0		03	0	6	Sc, As	17.4	13	77	9	0
QENA												
LUXOR												
ASWÂN	00	0	15	00	0	0	—	15.6	19	30	1	0
SÎWA	00	0	10	01	1	0	—	18.7	14	52	4	0
BAHARÎYA	270	3	15	02	0	0	—	17.6	13	55	4	0
FARAFRA		1	15	02	2	0	—	17.8	15	48	4	0
DAKHLA	320	11	35	00	0	0	—	18.7	16	42	3	0
KHARGA	00	0	15	00	0	0	—	18.4	15	30	-3	0
SUEZ												
TÔR	00	0	15	02	0	0	—		14	56	5	0
HURGHÂDA	00	0	14	02	0	0	—	15.5	14	67	8	0
QUSEIR	20	9	15	02	0	1		16.3	19	73	14	0

(No 1800 entries for Port Sûdân or any of the Sûdân stations.)

At 0600 on Wednesday 16th January, 1952

Station	Wind 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	320	9	15	03	1	4	Cb	20.3	+2.5	14	18	-1	9	0	88	12	0	56	
SÎDI BARÂNI	330	17	15	02	2	6	Cu, Sc	18.8		15	18				63	8	0.3	92	
MATRÛH	320	15	15	03	1	6	Cb	17.5	-1.0	14	18	0	11		67	8	dr.	112	
EL DABʻA	320	15	15	03	2	6				15	19		12		68	9	2	115	
ALEXANDRIA	310	24	50	03	1	5	Cb	15.6	-3.2	15	18	-1	9	-1	68	9	0	118	122
FOUAD (Airport)	320	19	18	03	2	6	Cu	15.3	-2.6	16?	18	0	10	0	68	10	dr.	127	89
DAMIETTA	220	5	7	11	0	1	Cu	15.0	-2.9	11	18	0	8	0	88	9	0	117	55
PORT SAʻÎD	260	14	12	01	1	1	Sc	14.0	-4.0	12	18	0	11	0	88	10	0	56	
EL ʻARISH	240	8	18	05	2	3	Cs	13.6	-4.8	11			9		77	7	0	56	
DAMANHÛR	230	5	7	02	6	0	—	15.4	-3.2	10	20	0	7	-1	88	8	0.2	66	50
MANṢÛRA	220	3	35	00	5	0	—	15.0	-3.3	10	20	0	6	-1	97	10	dr.	24	23
ṬANṬA	220	2	35	02	6	0	—	15.5	-3.6	10	20	0	5	-1	97	10	4	40	18
ZAGAZIG	220	2	35	03	1	3	Cu	15.1	-4.0	9			3	-3	88	7	0	17	12
ISMAʻILÎA																			
FAROUK (Airport)	220	12	10	02	2	5	Sc	17.1		11	20		7		77	7	0	70	
ALMÂZA	230	8	15	01	2	3	Ci	16.0	-3.1	10	20	+1	8	-1	82	7	0	58	
EZBEKÎYA	00	0	12	02	1	7	Ci	16.4	-2.8	10	21	+1	9	+1	67	4	0	50	12
GÎZA	00	0	12	02	1	7	Ci	16.6	-2.8	11	23	+4	5	0	77	7	0	46	13
ḤELWÂN	130	4	7	03	5	7	Cb	17.8	-1.8	9	19	+1	8	0	62	2	dr	51	12
FAIYÛM	00	0	35	03	0	1	Ci	19.1	-0.3	9	22	+1	6	0	88	7	0	18	4
MINYA	00	0	8	00	0	0	—	19.1	-1.3	6	22	+2	2	-2	57	-2	0	dr.	
AṢYÛT MANQABÂD	260	5	10	00	0	0	—	19.2	-1.0	9			7	+1	40	-4	0	dr.	
NAGʻ ḤAMMÂDI	00	0	3	10	0	3		18.0	-1.6	10	23	+2	4	-1	62	3	0	0.1	
QENA	270	2	15	00	0	0	—	17.6	-1.5	10			7	0	50	0	0	dr	
LUXOR	200	1	30	01	0	1	Ci	16.7	-2.5	10			4		58	2	0	dr.	
ASWÂN	340	2	50	00	0	0	—	17.2	-1.8	15	25	+2	11	+1	52	5	0	dr.	
SÎWA	280	2	14	00	0	0	—	21.6	+0.9	9	20	0	7	+3	94	8	0	5	5
BAHARÎYA	270	2	35	02	0	0	—	20.3	0.0	12	24	+4	9	+4	88	10	0	dr.	5
FARAFRA	00	0	35	02	0	0	—	21.4		13	25		7		77	9	0	dr.	
DAKHLA	270	8	50	00	0	0	—	19.2	-1.2	11	24	+3	7	+2	51	1	0	dr.	
KHARGA	00	0	15	00	0	0	—	19.8	+0.2	14	25	+3	8	+2	48	3	0	dr.	
SUEZ	00	0	50	00	0	3	Cu	15.4	-3.2	12			5	-4	72	7	0	18	10
TÔR	310		35	02	0	0	—	14.8	-2.2	17	24	+3	8	-1	34	1	0	1	8
HURGHADA	330	17	30	02	0	0	—	13.5	-4.3	17	21	+1	8	-2	37	2	0	0	
QUSEIR	310	13	15	02	0	0	—	14.6	-3.2	15	23	0	13	-1	30	-3	0	dr.	4
PORT SÛDÂN	360	9	30	02	2	7	Sc	13.7		23	28		21		78	19	0	Rain	87
WÂDI HALFA	10	4	30	03	2	5	Cs	18.1		12	26		9		51	2	0	dr.	
ABU ḤAMAD	360	5	30	03	0	2				19	31		16		28	0	0		
KAREIMA	20	7	30	02	0	0	—	16.0		17	29		15		46	5	0	dr.	1
ʻAṬBARA	340	8	30	02	0	0	—	14.1		19	31		11		43	6	0	0	2
KHARTÛM	350	8	30	02	0	1	Ci	13.6		19	30		18		49	8	0	0.6	4
KASSALA																			8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	350	9	30	03	0	1	Ci	15.9		16	30		12		42	3	0	18	16
EL FÂSHER	360	2	35	02	0	0	—			17			14		32	0	0	13	6
GENEINA																			4
MALAKÂL																			88
WÂU																			144
JUBA																			144

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	72	+6
Ezbekîya	56	-12
Gîza	67	-6
Ḥelwân	52	-6

GÎZA
GRASS MINIMUM TEMP.
ON 16th 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 15th At 15th

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	188	18		260	7
950					
900					
850	1498	9		260	22
800					
700	3084	2		270	36
600					
500	5722	-13		280	73
400	7395	-22		280	75
300					

...... AIRPORT — On ...... At ...... (blank form, pressures 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300)

...... AIRPORT — On ...... At ...... (blank form, pressures 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300)

UPPER WIND OBSERVATIONS on 15th

Station	Matruh		El Arish		Almaza		Minya		Asyut		Luxor		Siwa		Kharga		Hurghada		S. Barani						Minya	
Time	14		14		14		14		14		15		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	300	13	320	11	250	10	220	4	300	6	90	2	310	27	290	2	340	16	300	17					280	6
600	290	11	280	16	220	5	240	9	350	6	320	2	310	26	290	4	340	14	300	23					290	10
1000	280	17	250	20	240	9	260	10	260	9	300	4	320	25	310	7	330	18	310	16					290	19
1500	280	15	250	22	270	22	260	29	270	14	310	12	320	22			300	14	310	21					300	28
2000			270	21	290	17	260	26	280	30	260	8	300	30												
3000			230	22					290	37																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	SÎDI BARÂNI		MATRÛḤ		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		ḤELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		5						8				2		8		4 30		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	10	15	310	19					240	26			320	16	300	12	300	5	310	6	340	26	260	16
600	360	20	320	23					280	26			320	19	340	29	320	9	310	8	340	18	290	23
1000	360	22	340	23					280	26			310	20	340	25	330	29			360			
1500	10	19							300	26			310	24	350	26	310	31						
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	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	360	29					360	16																
600	360	34					350	12																
1000	360	30					340	23																
1500	320	25					350	13																
2000	310	32																						
3000	330	38																						
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.

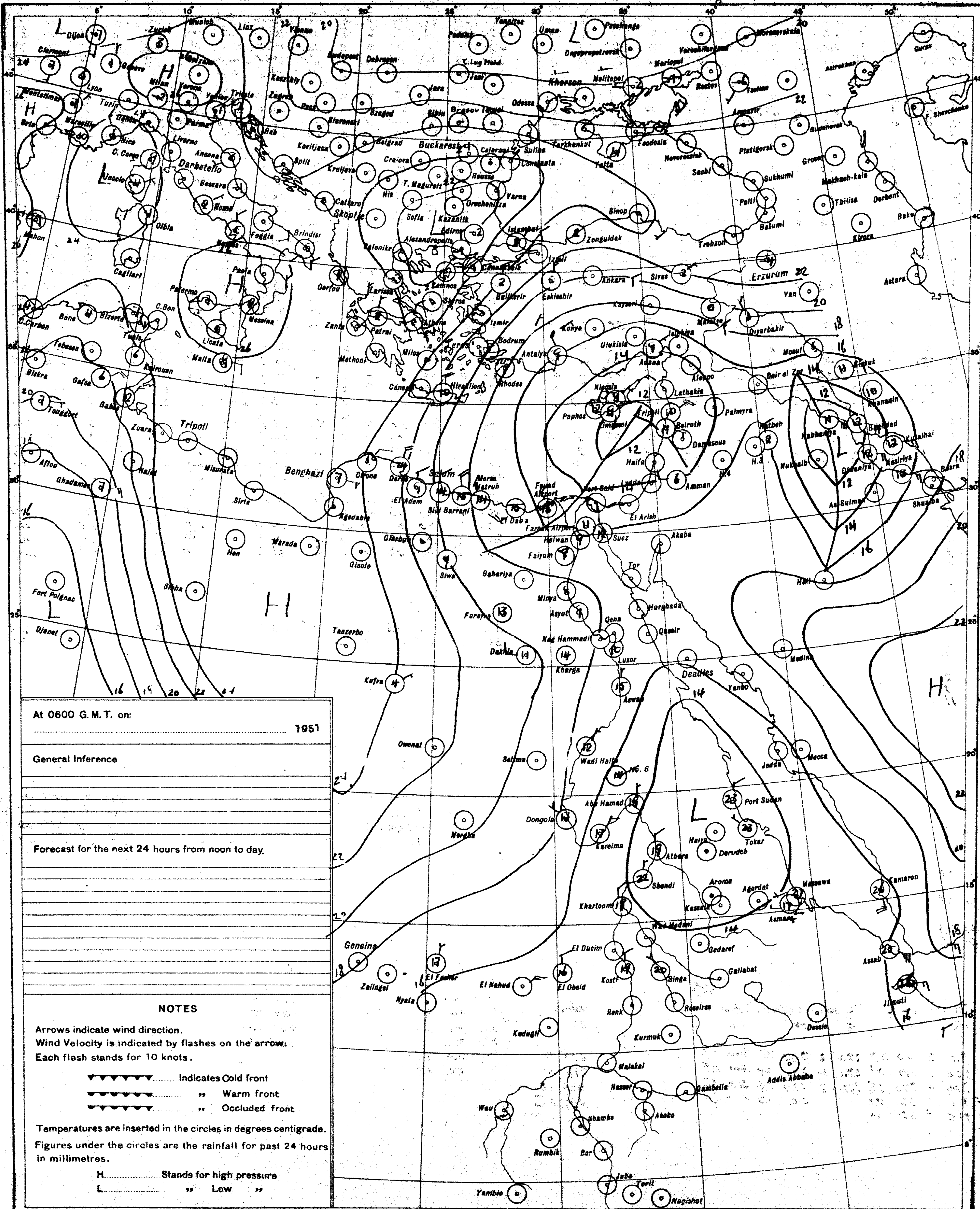
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 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	
„ 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

M.L.A.

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

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 17th January, 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	20	9	35	02	5	6	ch	20.3	16	59	8
	303	SÎDI BARÂNI	340	16	30	03	1	6	cu, cs	19.7	16	52	6
	306	MATRÛH	340	18	18	02	2	6	s, cu	19.3	15	59	8
	309	EL DABA	340	16	35	03	2	4	st		15	59	7
		ALEXANDRIA	330	22	50	03	5	6	st	17.0	16	49	5
	318	FOUAD (Airport)	340	22	14	02	8	6	cu, sc	17.1	16	49	5
	330	DAMIETTA	320	9	35	02	6	1	cu	15.4	16	68	10
	333	PORT SA'ÎD	330	19	14	01	8	6	cu, sc	14.5	17	72	12
	336	EL 'ARISH	280	4	14	63	6	6	cu, sc	13.6	16	72	11
Lower Egypt	339	DAMANHUR	360	9	15	02	1	1	cu	16.3	16	49	5
	342	MANSURA	320	13	35	03	6	5	sc, cu	15.9	16	68	10
	348	TANTA	310	8	35	03	2	5	cu	16.0	16	59	8
	354	ZAGAZIG	220	2	7	62	6	8	cu	15.6	16	77	12
	441	ISMA'ÎLÎA											
Cairo Area	366	FAROUK (Airport)	340	10	18	01	1	1	sc	15.6	15	68	9
	372	ALMAZA	310	13	14	02	2	6	cu, sc	15.7	17	60	9
		EZBEKÎYA	350	18	18	02	1	6	cs	16.4	18	52	8
		GÎZA	350	18	18	02	1	6	cs	16.3	18	47	7
	378	HELWÂN	290	16	35	02	0	7	cu	15.0	17	52	7
Upper Egypt	381	FAIYÛM	360	8	35	03	1	4	st	17.5	20	41	6
	387	MINYA	340	2	8	02	1	2	cu	17.6	20	41	6
	393	ASYÛT MANQABÂD	320	13	30	03	1	3	cu	16.8	18	52	8
	399	NAG' HAMMÂDI	00	0	3	10	1	0	—	16.7	20	33	3
	402	QENA	290	2	50	00	0	0	—	14.3	22	21	-1
	405	LUXOR	340	8	30	00	0	0	—	14.1	20	35	4
	414	ASWÂN											
Oases	417	SÎWA	20	9	14	02	0	1	ci	20.8	19	37	4
	420	BAHARÎYA	320	4	35	01	1	0	—	19.1	18	60	10
	423	FARAFRA	340	5	35	02	1	0	—	20.2	18	60	10
	432	DAKHLA	340	11	35	00	0	0	—	18.6	19	37	4
	435	KHARGA	360	16	7	00	0	0	—	17.9	20	46	8
Red Sea	450	SUEZ	270	2	50	03	0	4	sc, cu	13.8	19	46	7
	459	TÛR	360	30	50	02	0	0	—	13.8	20	41	6
	462	HURGHADA	350	26	30	02	0	0	—	13.7	19	52	9
	465	QUSEIR	360	13	15	02	0	0	—	13.1	21	41	7
	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 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												
SÎDI BARÂNI	20	17		02	1	2	sc	20.9	14	52	4	0
MATRÛH												
EL DABA	340	7				8	st	19.7			7	0
ALEXANDRIA												
FOUAD (Airport)	360	9	12	02	1	4	ch	19.5	14	67	8	dr.
DAMIETTA	320	2	7	00	0	0	—	18.6	14	88	12	3
PORT SA'ÎD	300	8	14	01	2	1	sc	18.0	14	82	11	dr.
EL 'ARISH	250	3	15	02	6	2	cu	18.7	12	97	12	1
DAMANHUR	360	9	7	02	0	0	—	19.1	10	88	8	0
MANSURA	320	3		00	1	0	—	19.8	12	77	8	1
TANTA	00	0	35	01	2	4	cu	18.8	8	88	6	0
ZAGAZIG	00	0	35	02	6	0	—	19.9	10	88	8	2
FAROUK (Airport)												
ALMAZA	340	3	12	01	1	0	—	19.4	12	77	8	0
EZBEKÎYA	00	0	12	00	0	0	—	19.8	12	72	7	0
GÎZA	00	0	12	00	0	0	—	19.2	10	88	8	0
HELWÂN	320	5	7	02	1	1	sc	19.5	12	63	5	dr
FAIYÛM	00	0	35	02	1	4	st	20.3	12	63	5	0
MINYA	360	7	8	00	1	0	—	20.0	12	63	5	0
ASYÛT MANQABÂD	270	3	8	00	1	0	—	19.3	14	59	6	0
NAG' HAMMÂDI	00	0		02	0	4	cs	17.6	14	67	8	0
QENA	290	3	7	00	0	0	—	17.5	16	49	5	0
LUXOR												
ASWÂN	360	5	15	00	0	0	—	17.2	18	34	2	0
SÎWA	40	9	10	00	0	0	—	21.0	15	55	6	0
BAHARÎYA	360	3	15	02	0	0	—	20.2	12	83	9	0
FARAFRA	00	0	15	02	1	0	—	21.2	11	77	7	0
DAKHLA	340	11	15	02	0	0	—	20.4	12	63	5	0
KHARGA	00	0	15	00	0	0	—	19.2	14	27	-5	0
SUEZ												
TÛR	310	5		02	0	0	—	17.6	15	59	7	0
HURGHADA	290	16	14	02	0	0	—	15.8	16	56	7	0
QUSEIR	360	19	15	02	0	0	—	14.9	19	64	12	0
PORT SÛDÂN	20	15	30	02	0	6	sc	11.2	25	79	21	0
WÂDI HALFA	330	12	30	01	1	0	—	17.1	17	24	-4	0
ABU HAMAD												
KAREIMA	360	15	30	07	0	0	—	13.3	23	34	6	0
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 17th 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.	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.
SALUM																			
SÎDI BARÂNI	170	7	15	02	2	7	cs	20.4		9	16		8		77	5	0	92	
MATRÛH	160	2	18	01	2	7	sc, cc	21.6	+3.2	9			8		83	7	0	108	
EL DABA	00	0	15	02	1	4	ch			12	16		9		55	3	0	115	
ALEXANDRIA	90	6	35	04	2	6	cc	22.0	+3.2	13			12	+2	88	11	dr.	118	123
FOUAD (Airport)	140	2	10	10	1	4	cs	22.0	+4.1	9	18	0	6	-4	97	9	dr.	127	90
DAMIETTA	220	2	3	11	1	7	sc	23.0	+5.2	9	16	-2	7	-1	97	9	3	126	56
PORT SA'ÎD	240	5	5	05	0	2	sc	22.8	+3.9	12	18	0	11	0	88	10	dr.	56	
EL 'ARISH											17								
DAMANHUR	270	9		02	0	0	—	21.8	+3.2	10	17	-3	7	0	88	8	0	66	50
MANSURA	340	3	35	00	0	0	—			7	18	-2	5	-2	97	7	1	25	23
TANTA	00	0	35	03	2	5	ac	21.8	+2.7	9	18	-2	4	-2	97	9	0	40	19
ZAGAZIG	00	0	35	02	0	0	—	22.2	+3	7	21	+1	6	0	97	7	2	17	13
ISMA'ÎLÎA																			
FAROUK (Airport)	00	0	12	03	0	2	cs	23.0		9			7		83	6	0	70	
ALMAZA	00	0	10	00	0	0	—	22.7	+3.6	8	19	0			88	6	0	58	
EZBEKÎYA	00	0	12	02	1	1	sc, cu	22.6	+3.5	9	20	0	7	-1	77	5	0	50	12
GÎZA	00	0	12	02	1	1	sc, cu	22.0	+2.7	7	19	0	3	-2	88	5	0	46	13
HELWÂN	00	0	7	05	0	1	ci	22.8	+3.2	8	18	0	7	-1	88	6	dr.	51	12
FAIYÛM	00	0	35	03	1	6	ci	23.6	+4.3	8	20	-1	4	-2	88	6	0	18	4
MINYA	270	3	6	00	0	3	ci	22.7	+2.3	6	21	+1	2	-2	77	2	0	dr.	
ASYÛT MANQABÂD	290	3	8	10	0	2	sc, cs	22.8	+2.6	8	19	-2	6	0	88	6	0	dr.	
NAG' HAMMÂDI	00	0		01	0	3	cs	22.4	+2.9	10	21	0	5	0	77	6	0	0.1	
QENA	360	3	15	00	0	0	—	21.9	+2.8	10	22	-1	7	0	77	6	0	dr.	
LUXOR	110	2	30	01	0	1	cs	20.8	+1.6	8			4		77	4	0	dr.	
ASWÂN	360	4	50	00	0	0	—	20.6	+1.6	12	23	0	9	-1	63	5	0	dr.	
SÎWA	00	0	13	03	0	4	as, ci	22.0	+1.3	7	20	0	3	-1	71	2	0	5	5
BAHARÎYA	00	0	35	02	2	8	cs	23.1	+2.9	10	19	-1	4	-1	77	6	0	dr.	5
FARAFRA	00	0	35	02	2	7	ci	23.1		8	17		5		88	6	0	dr.	
DAKHLA	00	0	50	01	1	5	ci	22.0	+1.6	7	19	-3	5	0	57	-1	0	dr.	
KHARGA	360	1	15	03	1	3	ci	21.5	+1.9	10	20	-2	9	+3	77	6	0	dr.	
SUEZ	360	1	50	00	0	0	—	23.0	+4.4	11			5	-4	88	9	0	18	10
TÛR	360	2	35	02	0	0	—	20.4	+2.0	11	23	+2	7	-2	63	4	0	1	8
HURGHADA	290	11	30	02	1	1	cu	19.3	+1.5	12	20	0	9	-1	77	8	0	0	
QUSEIR	230	11	15	00	0	0	—	19.5	+1.8	15	23	0	15	+1	59	7	0	dr.	4
PORT SÛDÂN	340	18	30	02	2	6	sc	16.7		22	28		20		61	14	0	Rain	87
WÂDI HALFA											25								
ABU HAMAD	360	9	30	02	0	0	—			14	29		11		24	-2	0		
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																			144
JUBA																			145

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	64	-2
Ezbekiya	63	-5
Giza	71	-2
Helwân	58	0

GÎZA GRASS MINIMUM TEMP. ON 17th 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 16th At 15h. 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	147	16		340	17	1000						1000					
950						950						950					
900						900						900					
850	1503	6		300	17	850						850					
800						800						800					
700	3084	1		330	50	700						700					
600						600						600					
500	5712	-16		330	74	500						500					
400	7360	-24				400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 16th

Height m.	Siwa Dir.	Siwa Vel.	Luxor Dir.	Luxor Vel.	Matruh Dir.	Matruh Vel.	Kharga Dir.	Kharga Vel.	Asyut Dir.	Asyut Vel.	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Almaza Dir.	Almaza Vel.	S. Bonni Dir.	S. Bonni Vel.							Almaza Dir.	Almaza Vel.
Time	14		14		14		14		14		14		14		14		14								20	
300	20	9	320	12	360	13	360	24	340	13	200	7	330	24	340	26	10	11								
600	20	9	310	13	360	11	10	28	340	19	330	12	330	26	330	25	20	9							10	8
1000	10	10	290	12	10	10	10	28	340	23	310	16	340	24	330	23	20	10							10	10
1500	30	11	360	23					340	23	330	14	340	32											350	7
2000	10	22	340						330	38															340	5
3000	340	20																							330	7
4000																										
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 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.	Almaza Dir.	Almaza Vel.
Time	8						8		7				2		8								5	
300	140	17					210	5	150	10			10	15	320	7								
600	130	23							120	15			10	2	20	5							80	4
1000	130	30					140	12	120	18			20	10	90	13							70	15
1500	190	7					110	20	80	15			200	18	60	12							60	14
2000	170	11					100	12	60	15					10	16							60	10
3000	180	3					70	23	20	8					340	20							40	10
4000	230	21							360	31														
5000	250	33																						
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	8		8				8		5		4				4									
300	130	27	360	15			360	19	30	11														
600	110	28	360	17			360	23	40	23														
1000	110	17	360	20			10	23	40	16	20	23			20	31								
1500	130	16	360	23			350	14	20	22	20	11			10	19								
2000	180	8	360	12											20	11								
3000	240	4																						
4000	270	17																						
5000	280	30																						
6000	260	23																						
7000	270	44																						
8000	260	62																						

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.

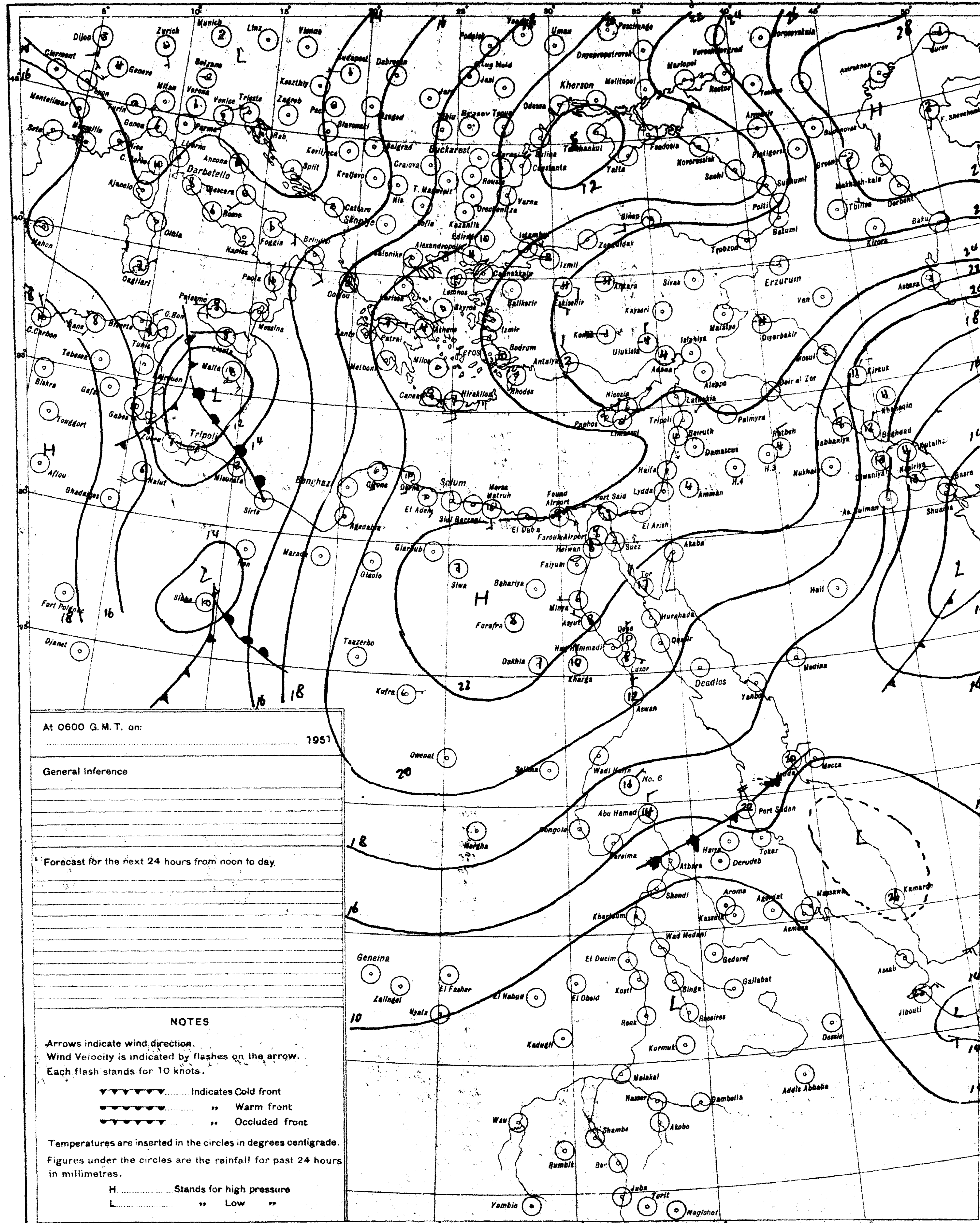
Note: All times are G.M.T.

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 17/1/1951



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.

" " Sunset 15 19 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT.

Date: Friday 18th January, 1951

At 1200 on Thursday 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	SALÛM	160	9	35	02	2	2					8
	303	SÎDI BARÂNI	130	12	30	02	2	6	CS	17.6	18	46	6
	306	MATRÛH											
	309	EL DABA	110	4	3	01	1	2	Cu		18	60	10
		ALEXANDRIA	130	13	50	03	2	4	Ci	20.2	18	52	8
	318	FOUAD (Airport)	100	15	18	02	2	7	SC, CS	19.8	18	60	10
	330	DAMIETTA	160	2	35	01	1	6	ac	21.5	16	88	14
	333	PORT SA'ÎD	90	8	30	01	0	6	Ci	21.1	16	68	10
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR											
	342	MANSURA	140	3	35	02	1	3	Cu, ac	20.4	19	64	12
	348	TANTA	00	0	35	01	1	4	ac	19.0	18	52	8
	354	ZAGAZIG	40	1	50	02	1	3	Ci	20.8	18	52	8
	441	ISMAÎLIA											
CAIRO AREA	366	FAROUK (Airport)	70	12	30	02	2	5	CS	20.2	19	49	8
	372	ALMAZA	70	11	30	03	1	4	CS	19.7	18	52	8
		EZBEKÎYA	90	4	18	02	1	6	Ci	19.8	20	43	7
		GÎZA	90	4	18	02	1	6	Ci	18.8	21	33	4
	378	HELWÂN	00	0	35	03	1	4	Ci	18.8	20	33	3
UPPER EGYPT	381	FAIYÛM	00	0	35	02	2	6	Ci	20.6	19	46	7
	387	MINYA	00	0	8	02	1	2	Ci	19.6	18	46	6
	393	ASYÛT MANQABÂD	00	0	12	02	2	7	CS	19.0	18	52	8
	399	NAG' HAMMADI	40	1	7	01	1	4	SC	19.8	19	64	12
	402	QENA	220	2	50	03	1	6	Cu, CS	17.8	20	46	8
	405	LUXOR											
	414	ASWÂN											
OASES	417	SÎWA	140	5	14	01	1	1	Ci	19.5	17	42	4
	420	BAHARÎYA	90	2	35	01	2	6	CS	19.9	17	60	9
	423	FARAFRA	90	2	35	02	2	1	Ci	19.4	18	60	10
	432	DAKHLA	20	5	50	01	1	2	Ci	18.6	20	33	3
	436	KHARGA	360	1	15	01	1	5	Ci	18.4	19	52	9
RED SEA	450	SUEZ	40	1	50	03	0	1	Cu	18.5	19	52	9
	459	TÛR											
	462	HURGHADA											
	465	QUSEIR	360	19	15	03	1	3	ac	17.9	20	64	13
	641	PORT SÛDÂN	50	16	30	01	2	3	Cu, Ci	14.1	25	51	14
NORTH SÛDÂN	670	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	20	7	30	03	1	4		13.0	26	16	-2
	680	'ATBARA	20	10	30	02	0	1	CS	9.9			-14
	721	KHARTÛM	50	7	30	03	0	2	Ci	10.6	25	17	-2
	730	KASSALA			30	03	0	0	—				
CENTRAL SÛDÂN	751	WÂD MEDANI	60	9	35	01	0	0	—	8.6	32	9	-5
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—	7.4	35	35	17
	771	EL OBEID	20	8	30	02	0	1	Ci		30	9	-6
	760	EL FÂSHER	50	5	30	02	0	7	CS		29	22	5
	770	GENEINA	110	4	30	02	2	7	CS		30	9	-6
S. SÛDÂN	840	MALAKÂL	40	9	30	02	0	0	—	7.2	35	32	16
	880	WÂU	50	5	10	04	0	0	—	5.7	36	15	6
	941	JUBA	70	8	30	04	2	5	ac	6.0	35	20	9

At 1800 on Thursday 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
SALÛM	180	5	15	02	2	7	CS	14.7	14	67	8	0
SÎDI BARÂNI	140	10	15	02	1	3	as	15.9	13	63	6	0
MATRÛH		8	12	06	1	1	ac	17.2	12	44	0	0
EL DABA	140	2	7	00	0	0	—		12	77	8	0
ALEXANDRIA	130	11	35	00	0	0	—	19.5	14	77	10	0
FOUAD (Airport)	90	11	12	01	1	0	—	19.4	13	94	12	0
DAMIETTA	160	2	7	01	1	0	—	20.4	14	67	8	0
PORT SA'ÎD	100	14	15	02	2	0	—	20.3	15	63	8	0
EL 'ARISH												
DAMANHUR	90	9	7	02	0	0	—	19.0	11	83	8	0
MANSURA	90	3		00	1	0	—	19.[illegible]	12	77	8	0
TANTA	00	0	35	01	1	4	Cu	18.6	10	77	6	0
ZAGAZIG												
ISMAÎLIA												
FAROUK (Airport)	110	12	12	00	0	0	—	19.7	14	59	6	0
ALMAZA	100	11	12	00	1	0	—	18.9	14	59	6	0
EZBEKÎYA	00	0	12	00	0	0	—	19.1	14	63	7	0
GÎZA	00	0	12	00	0	0	—	19.0	14	67	8	0
HELWÂN	90	11	7	01	1	2	Ci	18.7	15	48	4	0
FAIYÛM	00	0	35	01	2	0	—	19.5	11	88	9	0
MINYA	00	0	8	00	1	0	—	19.9	12	63	5	0
ASYÛT MANQABÂD	00	0	8	01	1	1	Ci	19.1	15	48	4	0
NAG' HAMMADI	00	0		01	1	2	SC	19.4	12	88	10	0
QENA	220	3	7	01	1	3	Ci	18.8	15	59	7	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	17.8	18	28	-1	0
SÎWA	100	9	8	01	1	0	—	17.2	13	55	4	0
BAHARÎYA	00	0	15	02	1	0	—	19.2	11	77	7	0
FARAFRA	130	1	15	02	0	1	ac, CS	19.2	13	67	7	0
DAKHLA	320	8	35	00	0	0	—	19.9	16	42	3	0
KHARGA	00	0	15	00	0	0	—	20.0	13	44	1	0
SUEZ												
TÛR												
HURGHADA												
QUSEIR	310	13	15	01	1	0	—				8	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 Friday 18th January, 1952

Station	Wind 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	270	13	15	00	0	0	—	13.8	-4.0	11	18	-1	8	-1	63	4	0	56	
SÎDI BARÂNI	210	11	18	00	0	0	—	12.6		10	18		10		62	3	0	92	
MATRÛH	200	15	18	02	2	5	ac	13.3	-5.1	11	18		9		54	2	0	108	
EL DABA	160	16	15	03	2	6	sc			10	18		8		77	6	0	115	
ALEXANDRIA	130	11	35	04	2	8	as	16.7	-2.0	10	19	+1	9	-1	88	8	0	118	125
FOUAD (Airport)	160	12	14	03	2	7	CS	16.1	-1.8	9	18	0	7	-2	94	8	0	127	92
DAMIETTA	180	2	7	03	1	7	SC	18.2	+0.4	11	17	-1	9	+1	88	9	0	120	57
PORT SA'ÎD	180	11	14	03	1	6	Ci	17.7	-0.3	11	18	0	10	-1	83	8	0	56	
EL 'ARISH	90	3	18	01	2	5	Ci	18.4	+0.1	8			6		83	5	0	57	
DAMANHÛR	40	9		02	1	4	Ci			9	18	-2	7	0	88	7	0	66	51
MANSÛRA	180	3	35	02	1	3	as	17.5	-0.7	8	20	0	7	0	88	6	0	25	24
TANTA	220	2	7	03	2	8	as	17.8	-1.3	10	19	-1	7	+1	88	8	0	40	19
ZAGAZIG	00	0	35	02	0	0	—	16.8	-2.2	7			6	0	97	7	0	17	13
ISMAÎLIA																			
FAROUK (Airport)	210	9	11	03	2	7	ac, CS	17.4		16	19		10		52	6	0	70	
ALMAZA	200	16	12	02	2	6	ac, Ci	16.3	-2.8	15	20	+1	9	0	48	4	0	58	
EZBEKÎYA	130	4	12	02	1	7	ac	16.7	-2.4	11	21	+1	9	+1	67	5	0	50	12
GÎZA	130	4	12	02	1	7	ac	17.0	-2.2	11	21	+2	6	+1	63	4	0	46	13
HELWÂN	140	11	7	03	2	8	cc	17.4	-2.1	15	20	+2	11	+3	48	4	0	51	13
FAIYÛM	00	6	35	03	2	8	st	19.2	-0.1	8	20	-1	6	0	71	3	0	18	4
MINYA	210	3	8	02	1	4	ac	19.3	-1.1	6	20	-1	3	-1	83	3	0	dr.	
ASYÛT MANQABÂD	00	0	6	10	0	6	CS	20.6	+0.4	10			6	0	71	5	0.	dr.	
NAG' HAMMÂDI	00	0		02	1	6	Cu, ac	21.2	+1.7	11	20	-1	5	0	77	7	0	0.1	
QENA	40	2	15	03	1	7	Ci	21.1	+2.1	11	21	-2	5	-2	63	4	0	dr.	
LUXOR	00	0	30	01	0		Ci	19.9	+0.8	8			6		83	5	0	dr.	
ASWÂN	00	0	50	00	0	0	—	19.6	+0.7	14	24	+1	10	0	63	7	0	dr.	
SÎWA	300		13	01	2	3	ac	15.4	-5.2	12	18	-2	9	+5	51	2	0	5	5
BAHARÎYA	00	0	35	02	1	3	ac	17.8	-2.4	10	18	-2	4	-1	77	6	0	dr.	5
FARAFRA	200	1	35	02	2	5	ac	18.4		10	19		2		77	6	0	dr.	
DAKHLA	00	0	50	01	1	6	Ci	19.2	-1.2	7	21	-1	3	-2	57	-1	0	dr.	
KHARGA	00	0	15	00	0	0	—	20.3	+0.8	11	20	-2	5	-1	77	7	0	dr.	
SUEZ	180	2	50	00	0	3	Cu	17.9	-0.6	15			9	0	68	9	0	18	10
TÛR																			8
HURGHADA																			
QUSEIR	310	13	15	00	0	4	Ci	18.2	+0.5	14	20	-3	13	-1	77	10	0	dr.	4
PORT SÛDÂN	330	11	30	02	0	1	Cu	17.5		21	26		19				0	Rain	88
WÂDI HALFA	20	3		03	0	2	CS	18.5		11	23		7		63	4	0	dr.	
ABU HAMAD	50	2	30	02	0	0	—			14	27		10		48	3	0		
KAREIMA	40	4	30	02	0	0	—	16.5		13	27		9		38	-1	0	dr.	1
'ATBARA	40	6	30	02	0	0	—	15.6		15	31		11		48	4	0	0	2
KHARTÛM	10	10	30	02	0	1	Ci	14.7		17			14		32	0	0	0.6	4
KASSALA	220	1	30	02	0	0	—	12.8		19	34		15		60	11	0	49	8
WÂD MEDANI	50	13	35	02	0	0	—	12.4		17	32		11		37	2	0	20	12
RENK	310	5	35	02	0	0	—			18	35		12						49
ROSEIRES	310	2	35	02	0	0	—	14.3		19	36		14		56	10	0		36
EL OBEID			30	01	0	0	—	15.0		16	30		9		28	-3	0	18	16
EL FÂSHER	310	5	30	02	1	0	—			12	30		9		36	-3	0	13	6
GENEINA	70	4	30	02	1	0	—			13	32		10		29	-5	0		4
MALAKÂL	20	8	30	03	0	1	Ci			21	36		17		21	-2	0	94	88
WÂU	00	0	7	04	0	0	—	11.8		21	37		18		50	10	0	152	144
JUBA	180	5	30	04	2	6	ac, CS	10.9		26	36		17		35	9	0	215	145

HUMIDITY

Mean of day

Station	on 17th	Diff. from normal
Alexandria	80	+14
Ezbekiya	63	-5
Giza	70	-3
Helwân	60	+2

GÎZA

GRASS MINIMUM TEMP. ON 18th 4.0 °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 17th At 15h.

Pressure mbs.	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	163	17		40	12
950					
900					
850	1538	10		320	17
800					
700	3149	8		350	22
600					
500	5826	-12		320	36
400	7492	-23		290	50
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 17th

Height m.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	Asyut Dir.	Asyut Vel.	Port Said Dir.	Port Said Vel.	Kharga Dir.	Kharga Vel.	S. Bahari Dir.	S. Bahari Vel.	Mahrouk Dir.	Mahrouk Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.
Time	14		14		14		14		14		14		14		14			
300	60	16	20	2	130	20			80	12	30	19	160	14	160	20	120	17
600	80	17	80	7	130	21			100	23	40	12			140	17	110	17
1000	120	13	90	13	140	19			100	20	50	14	150	16	140	13	100	17
1500	150	10	100	4			80	8	90	16			160	19			100	17
2000	110	5	20	9	200	22	360	10	160	15			180	21			100	14
3000					230	21	340	23					210	25				
4000					210	28												
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 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.	Almaza Dir.	Almaza Vel.
Time	8		8		9		2		9				8		8		8 15						3	
300	280	21	270	23	210	24	180	29	160	17			160	10	140	16	360	7					190	20
600	290	21	270	30	220	27	200	38	170	24			160	14	160	19	320	5					190	37
1000	290	23	260	12	240	23	200	24	180	12			150	14	170	18	150	2					190	40
1500	260	23	230	16			210	18	200	17			100	21	240	16	150	12					210	17
2000	260	23	230	25					200	28			130	19	250	22	150	17					300	11
3000															230	20	220	5						
4000															240	23	220	5						
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	8		8								4				4		4							
300	310	35	130	53																				
600	320	48	130	42							70	26			20	19	50	7						
1000	310	45									60	14			30	33	30	15						
1500	290	28									60	7			50	4	110	5						
2000	260	35															290	3						
3000	270	25									360	13			30	11	320	7						
4000	250	34																						
5000															360	8								
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.

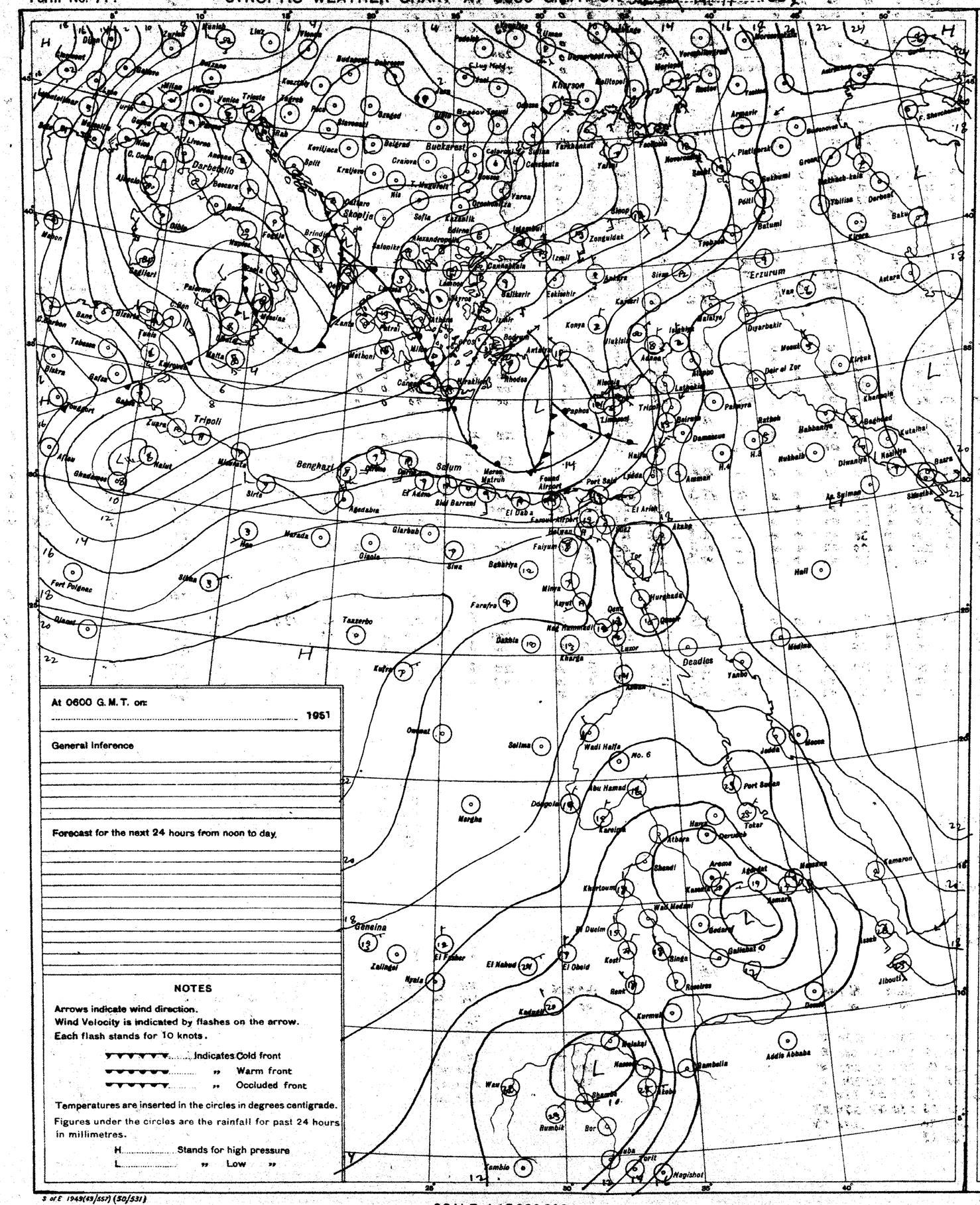
Printed by the Survey of Egypt 1949 (49/557) (50/531)

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 10-11 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 20th January, 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.	Rain Past 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	200	13		03	1	3	Cu	14.2	20	46	8	
	303	SÎDI BARÂNI	220	12	30	00	0	0		14.5	20	41	6	
	306	MATRÛH	210	7	30	03	0	1	Cu	15.7	18	46	6	
	309	EL DABÂ	00	0	35	00	0	0	—		20	46	8	
		ALEXANDRIA	220	9	50	02	2	3	Cu	17.0	18	73	13	
	318	FOUAD (Airport)	230	10	18	02	1	4	Cu	16.9	19	64	12	
	330	DAMIETTA	220	2	35	03	1	3	Cu	17.8	18	60	10	
	333	PORT SA'ÎD	260	3	30	03	0	1	Sc	17.1	18	73	13	
	336	EL 'ARISH	340	6	50	00	0	0	—	17.0	17	68	11	
LOWER EGYPT	339	DAMANHUR	270	5	15	02	1	1	Cu	17.6	20	46	8	
	342	MANSURA	320	3	35	00	0	0		17.1	20	56	11	
	348	TANTA	220	2	35	01	1	2	Cu	17.2	19	52	9	
	354	ZAGAZIG	00	0	50	03	1	3	Cu	17.4	20	64	13	
	441	ISMA'ÎLIA												
CAIRO AREA	366	FAROUK (Airport)	250	2	30	03	0	1	Ci	17.6	20	35	4	
	372	ALMÂZA	200	5	15	00	0	0	—	16.7	21	41	7	
		EZBEKÎYA	00	0	18	00	0	0	—	17.0	21	41	7	
		GÎZA	00	0	18	00	0	0	—	16.8	21	41	7	
	378	HELWÂN	00	0	35	02	0	0	—	17.1	19	46	7	
UPPER EGYPT	381	FAIYÛM	00	0	35	03	1	6	Ci	18.3	22	44	9	
	387	MINYA	360	2	8	02	0	1	Ci	17.7	21	33	4	
	393	ASYÛT MANQABÂD	00	0	18	00	0	0	—	16.6	20	41	6	
	399	NAG' HAMMÂDI	00	0	7	02	1	5	Sc.Cu	16.7	23	50	12	
	402	QENA	270	2	35	03	1	6	Ci	15.9	23	38	8	
	405	LUXOR												
	414	ASWÂN	20	2	50	00	0	0	—	14.2	27	27	6	
OASES	417	SÎWA	250	9	14	00	0	0	—	17.5	19	43	6	
	420	BAHARÎYA	320	3	35	02	1	6	Cs	18.0	19	52	9	
	423	FARAFRA	130	1	35	02	2	2	Ac	17.8	19	64	12	
	432	DAKHLA	00	0	50	00	0	0	—	17.0	22	29	3	
	435	KHARGA	360	4	15	00	0	0	—	16.0	23	44	10	
RED SEA	450	SUEZ	360	1	50	02	0	0	—	17.1	21	50	10	
	459	TÛR	290	5	50	02	0	0	—	16.2	22	57	13	
	462	HURGHADA	100	8	30	02	0	0	—	15.3	22	47	10	
	465	QUSEIR	20	9	15	01	1	0	—	14.9	21	65	14	
	641	PORT SUDÂN	40	12	30	02	2	7	Cu	[illegible]	27	58	18	
NORTH SUDAN	600	WÂDI HALFA	360	5	50	01	1	0	—		26	30	7	
	640	ABU HAMAD	70	2	30	02	0	0	—		30	18	3	
	660	KAREIMA	20	6	30	02	0	3	Ci	11.3	29	22	5	
	680	'ATBARA	360	6	30	03	1	4	Cs	8.9	31	15	1	
	721	KHARTÛM	350	8	50			7	Cs	8.9	31	24	8	
	730	KASSALA	340	8	30	02	0	0	—	5.8	35	22	10	
CENTRAL SUDAN	751	WÂD MEDANI	310	9	35	02	0	0	—	6.7	33	14	2	
	801	RENK	310	9	35	02	0	0	—		35	18	7	
	802	ROSEIRES	50	2	35	02	0	0	—	5.3	32			
	771	EL OBEID	40	5	30	03	0	2	Cs	8.0	31	12	-1	
	760	EL FÂSHER	340	4	30	03	3	7	Ci		31	28	10	
	770	GENEINA	220	1	30	02	2	7	Cs		33	14	2	
S. SUDAN	840	MALAKÂL	20	5	30	01	1	0	—	5.9	36	14	5	
	880	WÂU	130	4	10	05	2	7	ac.cs	5.8	34	12	1	
	941	JUBA												

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.
SALÛM	220	9	15	00	0	0	—	13.0	15	48	4
SÎDI BARÂNI	200	6	15	00	0	0	—	13.3	14	59	6
MATRÛH	00	0	12	00	0	0	—	15.1			7
EL DABÂ	00	0	7	00	0	0	—		11	68	9
ALEXANDRIA	130	8	35	00	0	0	—	17.1	14	88	12
FOUAD (Airport)	00	0	10	01	0	0	—	16.8	13	94	12
DAMIETTA											
PORT SA'ÎD	90	7	18	02	0	1	Sc	18.0	15	82	12
EL 'ARISH											
DAMANHUR	90	2		02	0	0	—	17.6	13	77	9
MANSURA	40	3		00	0	0	—	17.5	13	77	9
TANTA	00	0	35	02	1	0	—	17.5	11	81	9
ZAGAZIG	00	0	35	02	1	0	—	17.5	13	88	11
ISMA'ÎLIA											
FAROUK (Airport)	90	3	11	01	1	0	—	18.3	14	67	8
ALMÂZA	100	5	12	00	0	0	—	17.7	15	68	9
EZBEKÎYA	00	0	12	00	0	0	—	17.4	13	72	8
GÎZA	00	0	12	00	0	0	—	17.8	11	88	9
HELWÂN	230	4	15	02	0	0	—	19.1	15	59	7
FAIYÛM	00	0	35	01	1	0	—	18.2	12	77	8
MINYA	00	0	8	00	1	0	—	17.6	11	44	-1
ASYÛT MANQABÂD	220	3	10	00	0	0	—	17.4	15	42	2
NAG' HAMMÂDI	00	0		00	1	0	—	17.5	14	77	10
QENA	320	2	7	02	1	0	—	16.7	17	60	9
LUXOR											
ASWÂN	00	0	15	00	0	0	—	15.2	21	14	-8
SÎWA	180	7	8	00	0	0	—	16.3	12	59	4
BAHARÎYA	00	0	15	02	1	0	—	18.2	12	77	8
FARAFRA	00	0	15	02	0	0	—	18.2	13	67	7
DAKHLA	320	8	35	00	0	0	—	18.7	16	42	3
KHARGA	00	0	15	00	0	0	—	16.0	16	32	-1
SUEZ	00	0	35	02	0	0	—	18.0	14	55	5
TÛR	290	2		02	0	0	—	16.8	17	77	13
HURGHADA	00	0	12	00	0	0	—	16.5	16	68	10
QUSEIR	360	9	15	00	0	3	As	17.8	20	64	13
PORT SUDÂN	60	2	30	03	2	8	Sc	15.0	25	74	20
WÂDI HALFA											
ABU HAMAD	360	2	30	02	0	0	—		23	24	1
KAREIMA	320	4	30	02	1	5	Ci	15.0	23	26	2
'ATBARA	340	4	30	01	1	0	—	11.0	23	26	2
KHARTÛM	10	5	30	02	1	3	Ci	10.1	25	28	5
KASSALA	20	2	30	02	1	0	—	9.6	23	41	9
WÂD MEDANI											
RENK											
ROSEIRES											
EL OBEID	30	7	30	01	1	3	Cs	9.4	25	14	-5
EL FÂSHER	70	4	30	02	2	4	Ci		22	33	5
GENEINA	00	0	30	02	0	7	Cs		25	21	1
MALAKÂL	340	2	30	02	0	0	—	9.6	28	31	9
WÂU	00	0	10	04	2	6	—	7.1	28	27	7
JUBA	00	0	30	04	2	7	ac	6.6	30	46	17

At 0600 on Sunday 20th January, 1952

Station	Wind 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	260	13	15	00	0	0	—	12.7	-5.0	10	20	+1	7	-2	76	6	0	56	
SÎDI BARÂNI	200	9	15	00	0	0	—	12.3		8	20		8		66	2	0	92	
MATRÛH	210	18	18	00	0	0	—	13.4	-4.9	9	19		8		50	-1	0	108	
EL DABÂ	220	3	15	00	0	0	—			11	21		6		63	4	0	115	
ALEXANDRIA	130	11	50	00	0	0	—	14.4	-4.2	11	20	+2	10	0	77	7	0	118	128
FOUAD (Airport)	180	10	12	02	0	0	—	14.1	-3.8	10	19	+1	9	0	76	6	0	127	94
DAMIETTA	200	2			0	0	—	14.7	-3.0	11			7	-1	97	11	0	120	59
PORT SA'ÎD	220	5	12	02	0	0	—	15.4	-2.6	13	20	+2	11	0	77	9	0	56	
EL 'ARISH																			
DAMANHUR											21	+1						66	53
MANSURA	220	3	35	00	0	0	—	16.0	-2.0	7	21	+1	6	-1	97	7	0	25	25
TANTA	220	2	35	02	0	0	—	15.6	-3.3	9	21	+1	5	-1	88	7	0	40	20
ZAGAZIG	220	1	35	02	0	0	—	15.4	-3.5	8	22	+2	5	-1	82	5	0	19	13
ISMA'ÎLIA																			
FAROUK (Airport)	220	1	14	00	0	0	—	16.7		11	21		9		63	4	0	70	
ALMÂZA	180	5	15	00	0	0	—	16.0	-3.0	12	22	+3	10	+1	63	5	0	58	
EZBEKÎYA	90	4	12	00	0	0	—	16.2	-2.8	11	22	+3	9	+1	67	5	0	50	12
GÎZA	90	4	12	00	0	0	—	16.6	-2.5	10	23	+4	6	+1	76	6	0	46	13
HELWÂN	00	0	15	02	0	0	—	17.2	-2.3	10	21	+3	8	0	62	3	0	51	13
FAIYÛM	00	0	35	02	0	0	—	18.2	-1.0	8	23	+2	5	-1	71	3	0	18	4
MINYA	00	0	8	00	0	0	—	17.9	-2.5	4	22	+1	2	-2	75	0	0	dr.	
ASYÛT MANQABÂD	00	0	6	10	0	3	ac	17.5	-2.6	8	21	0	6	0	66	2	0	dr.	
NAG' HAMMÂDI											24	+3							
QENA	320	2	15	03	1	7	Sc	16.6	-2.3	12	24	+1	9	+2	63	5	0	dr.	
LUXOR	00	0	30	01	1	4	ac	15.9	-3.1	12			9		77	8	0	dr.	
ASWÂN	360	4	50	00	0	0	—	15.0	-3.9	16	28	+5	12	+2	64	9	0	dr.	
SÎWA	00	0	13	00	0	0	—	16.3	-4.3	8	20	0	6	+2	54	-1	0	5	6
BAHARÎYA	00	0	35	02	0	0	—	17.4	-2.7	11	22	+2	3	-2	77	7	0	dr.	5
FARAFRA	00	0	35	02	2	2	Ci	17.9		4	21		1		65	-2	0	dr.	
DAKHLA	00	0	50	01	1	6	Ci	16.8	-4.5	8	23	+1	5	0	46	-3	0	dr.	
KHARGA	00	0	15	03	1	1	Ci	16.2	-3.3	11	23	+1	9	+3	63	4	0	dr.	
SUEZ		1	30	00	0	0	—	15.5	-2.9	10	24	+4	6	-3	88	8	0	18	10
TÛR	20	5	15	02	0	0	—	16.4	-1.5	11	24	+3	9	0	97	11	0	1	8
HURGHADA	260	9	30	02	2	7	Sc	15.5	-2.4	15	22	+2	11	+1	72	10	0	0	
QUSEIR	330	9	15	00	0	4	Ac	15.4	-2.2	16	22	-1	15	+1	77	12	0	dr.	4
PORT SUDÂN	340	8	30	03	2	8	Sc	15.0		24	27		21		74	19	0	Rain	88
WÂDI HALFA	140	3	30	03	1	4	Cs	14.3		13	28		10		51	3	0	dr.	
ABU HAMAD	70	2	30	02	2	8	Ci			14	32		13		55	5	0		
KAREIMA	350	4	30	03	0	8	Ci	13.2		15	30		13		42	2	0	dr.	1
'ATBARA	360		30	03	2	4	Cs				32		14			10	0	0	2
KHARTÛM	360	4	30	03	0	4	Ci	11.9		18	33		14		37	3	0	0.6	4
KASSALA	340	7	30	02	0	0	—	10.4		20	35		15		69	14	0	49	8
WÂD MEDANI																			12
RENK	310	2	35	02	0	2	Ci			19	36		13		72	2	0		49
ROSEIRES	310	2	35	02	0	3	Ci	13.0		19	34		15		56	10	0	92	36
EL OBEID	10	2	30	03	0	3	Cs			18	33		11		24	-3	0	18	16
EL FÂSHER	40	4	30	02	2	7	Cs			11	33		9		44	-1	0	13	6
GENEINA	80	4	30	02	1	3	Cs			14	35		12		27	-5	0		4
MALAKÂL	70	3	30	03	1	3	—	11.1		22	37		17		27	2	0	94	88
WÂU	00	0	4	04	0	1	ac	10.3		21	37		17		53	11	0	152	144
JUBA		7	30	04	2	5	Cu,Ac,Ci	9.6		27	37		21		52	16	0	224	145

HUMIDITY

Mean of day %

Station	on 19th	Diff. from normal
Alexandria	82	+16
Ezbekiya	63	-4
Giza	71	-2
Helwân	56	-2

GÎZA GRASS MINIMUM TEMP. ON 20th 3.3 °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 14th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	147	18		360	4
950					
900					
850	1516	12		230	10
800					
700	3106	1		250	20
600					
500	5725	-16		260	47
400	7372	-27		250	67
300	9392	-40			

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

Height m.	Port Said 14 Dir.	Vel.	Minya 14 Dir.	Vel.	Asyut 14 Dir.	Vel.	Siwa 14 Dir.	Vel.	Kharga 14 Dir.	Vel.	Almaza 14 Dir.	Vel.	S. Barani 14 Dir.	Vel.	Minya 20 Dir.	Vel.	Port Said 20 Dir.	Vel.
300	290	7	20	5	320	3	200	12	20	15	340	5	210	31	20	3	190	5
600	350	3	30	7	350	7	210	16	30	16	360	4	210	24	30	3	90	5
1000	20	1	30	10	10	4	200	16	30	16	140	2	210	26	40	2	100	3
1500	160	2	50	27	250	7	290	12	160	4	220	6	210	28	30	3	100	3
2000					250	10	220	18	240	3	220	9					130	3
3000					250	26	230	28			260	20					170	2
4000							230	34			240	26						
5000											260	40						
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 20th

Height m.	Sîdi Barâni 8 Dir.	Vel.	Matrûh 5 Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said 2 Dir.	Vel.	El 'Arîsh 7 Dir.	Vel.	Helwân 6 Dir.	Vel.	Minya 8 Dir.	Vel.	Asyût Manqabâd 8 Dir.	Vel.	Luxor 5 Dir.	Vel.	Aswân 8 Dir.	Vel.	Hurghada 8 Dir.	Vel.	Almaza 8 15 Dir.	Vel.
300	260	28	260	23			180	4	200	17	150	7	170	4	330	5	20	6	10	4	330	4	220	14
600	260	31	270	19			190	4	250	18	210	14	160	5	290	3	60	9	340	5	60	5	250	15
1000	250	30	260	20			200	5	230	16	250	19	150	8	300	11	140	3	80	5	70	12	240	19
1500	260	34	260	23			200	7	240	22			140	10	250	12	220	5	250	5	50	10	220	19
2000							230	9	240	34					240	18			230	12	10	8	210	21
3000															240	28							210	35
4000															230	34							210	33
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa 8 Dir.	Vel.	Bahariya 8 Dir.	Vel.	Dakhla Dir.	Vel.	Kharga 8 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.
300	290	24	160	17			20	10																
600	300	28	160	18			90	8																
1000	310	22	160	14			40	6																
1500	270	26	170	16			50	7																
2000	240	26	180	26			10	13																
3000	250	23																						
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.

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Note: All times are G.M.T.

Annual Subscription P. T. 150

CAIRO

Time of Sunrise 04 51 G.M.T.

" " Sunset 15 22 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 21st January, 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	SALÛM	270	19		00	1	2	Cu	11.6	16	42	3
	308	SÎDI BARÂNI	250	19	15	07	0	0	—	11.8	16	28	-3
	306	MATRÛH											
	309	EL DABA	270	9	35	00	0	0	—		18	34	2
		ALEXANDRIA											
	318	FOUAD (Airport)	260	19	18	02	0	0	—	13.3	19	37	4
	330	DAMIETTA	250	2	35	02	0	0	—	14.7	19	56	10
	333	PORT SA'ID	240	10	30	02	0	0	—	14.3	19	49	8
	336	EL 'ARISH	320	4	50	00	0	0	—	14.6	17	68	11
Lower Egypt	339	DAMANHUR	270	9	15	02	0	0	—	14.4	21	33	4
	342	MANSURA	270	5	35	00	0	0	—	14.2	20	46	8
	348	TANTA	220	5	35	02	0	0	—	14.7	20	41	6
	354	ZAGAZIG	220	2	50	02	0	0	—	14.4	20	56	11
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	220	14	18	00	0	0	—	15.4	20	33	3
	372	ALMAZA	200	12	30	00	0	0	—	14.6	20	33	3
		EZBEKIYA	270	6	18	00	0	0	—	14.7	21	35	5
		GIZA	270	6	18	00	0	0	—	14.8	23	32	5
	378	HELWAN	230	5	15	02	0	0	—	14.8	19	37	4
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	15.9	21	33	4
	387	MINYA	270	3	10	00	0	0	—	16.1	22	29	3
	393	ASYUT MANGABAD	00	0	14	04	1	2	Cu, Ac	15.3	20	35	4
	399	NAG' HAMMADI	00	0	7	03	2	4	Sc, Ac	15.1	24	54	14
	402	QENA	270	2	35	01	1	5	Sc	13.3	23	44	10
	405	LUXOR											
	414	ASWAN	320	3	50	01	1	3	As	12.6	26	37	10
Oases	417	SIWA	280	12	14	00	0	0	—	16.2	17	20	-6
	420	BAHARIYA	270	2	35	02	0	0	—	15.8	22	50	11
	423	FARAFRA	320	3	35	02	2	1	Ac	16.4	22	50	11
	432	DAKHLA	340	11	50	01	1	2	Ci	14.7	22	21	-1
	435	KHARGA	00	0	15	02	2	6	Ci	14.8	24	32	6
Red Sea	450	SUEZ	00	0	50	02	0	0	—	13.8	22	50	11
	459	TOR	270	2	50	02	0	0	—	14.3	22	74	17
	462	HURGHADA	70	5	30	02	2	7	Sc	13.9			14
	465	QUSEIR	20	9	15	03	2	6	Ac	13.1	21	65	14
	641	PORT SUDAN	70	6	30	02	2	6	Cu, Ci	11.4	27	84	24
North Sudan	630	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM											
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID			30	02	2	0	—	6.6	32	8	-6
	760	EL FASHER											
	770	GENEINA	90	1	30	02	1	4	Ci		35	7	-6
S. Sudan	840	MALAKAL	250	3	30	02	0	0	—	4.6	37	18	9
	880	WAU	160	5	10	04	0	0	—	3.9	37	24	13
	941	JUBA	00	0	30	04	2	7	Cu, Sc	5.8			14

At 1800 on Sunday 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	13	15	00	0	0	—	13.1	12	51	2	0
SIDI BARANI												
MATRUH	200	6	10	00	0	0	—	14.8	9	47	-2	0
EL DABA												
ALEXANDRIA												
FOUAD (Airport)	290	2	12	02	0	0	—	14.8	12	88	10	0
DAMIETTA	220	2	7	00	0	0		14.7	12	88	10	0
PORT SA'ID	250	4	14	02	0	0	—	15.4	16	68	10	0
EL 'ARISH												
DAMANHUR	270	5	15	02	0	0	—	15.1	13	67	7	0
MANSURA	180	3		00	0	0	—	15.8	12	77	8	0
TANTA	220	2	35	02	0	0	—	15.9	10	76	6	0
ZAGAZIG	00	0	35	02	0	0	—	15.5	14	67	8	0
ISMA'ILIA												
FAROUK (Airport)	160	14	12	00	0	0	—	16.3	15	48	4	0
ALMAZA	160	11	12	00	0	0	—	15.8	15	42	2	0
EZBEKIYA	00	0	12	00	0	0	—	15.8	14	55	5	0
GIZA	00	0	12	00	0	0	—	16.4	13	67	7	0
HELWAN	140	10	15	02	0	0	—	16.0	15	39	1	0
FAIYUM	00	0	35	02	0	0	—	16.7	13	55	4	0
MINYA	240	1	8	00	0	0	—	17.6	13	44	1	0
ASYUT MANGABAD	00	0	10	02	1	1	Ci	17.2	15	48	4	0
NAG' HAMMADI	00	0		01	1	3	Ac	16.8	14	88	12	0
QENA	320	2	7	02	1	5	Sc	15.2	18	52	8	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	14.4	21	33	4	0
SIWA	270	3	8	00	0	0	—	17.4	10	38	-4	0
BAHARIYA	320	2	15	02	0	0	—	17.4	13	67	7	0
FARAFRA	220	1	15	02	2	1	Cu	18.4	13	77	9	0
DAKHLA	340	8	35	00	0	0	—	17.1	17	26	-3	0
KHARGA												
SUEZ	00	0	35	02	0	0	—	15.5	18	60	10	0
TOR	340	6		02	0	0	—		19	88	17	0.
HURGHADA	00	0	12	02	2	7	Sc	14.5	16	77	12	0
QUSEIR												
PORT SUDAN	40	4	30	03	2	7	Sc, Cu	13.9	25	94	24	0
WADI HALFA												
ABU HAMAD												
KAREIMA	340	3	30	02	0	0	—	11.1	26	30	7	0
'ATBARA		5	30	02	2	3	Cs	9.6	26	35	9	0
KHARTUM	360	2	30	01	2	3	Ci	9.3	26	27	5	0
KASSALA	20	3	30	01	2	0	—	7.1	27	37	11	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	7	30	01	2	0	—	9.2	25	15	-4	0
EL FASHER	70	3	30	02	1	0	—		23	34	6	0
GENEINA												
MALAKAL												
WAU	00	0	10	04	0	0	—	5.0	32	34	14	0
JUBA	00	0	30	04	1	2	Ac, Cu	5.8	29	46	16	0

At 0600 on Monday 21st 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	250	19	15	00	0	2	Cs	18.0	+0.3	7	17	-2	4	-5	57	-1	0	56	
SIDI BARANI																			
MATRUH	210	17	12	03	0	2	Ci	18.4	+0.2	5	17		3		53	-4	0	108	
EL DABA																			
ALEXANDRIA	220	11	35	04	1	2	Ci	19.0	+0.4	9			8	-2	54	0	0	118	136
FOUAD (Airport)	250	18	18	02	0	0	—	18.9	+1.0	9	19	+1	8	-1	62	2	0	127	95
DAMIETTA	220	2	7	00	0	0		19.1	+1.4	6	19	+1	5	-3	87	4	0	120	60
PORT SA'ID	220	16	14	02	0	1	Ci	19.4	+1.4	11	20	+2	10	-1	51	1	0	58	
EL 'ARISH																			
DAMANHUR	270	9	7	02	0	0	—	19.1	+0.7	6	22	+2	4	-3	57	-2	0	66	54
MANSURA	320	9	35	00	0	0	—	19.4	+1.4	5	21	+1	4	-3	70	0	0	25	25
TANTA	220	2	35	01	1	3	Cu	19.6	+0.7	6	21	+1	2	-4	57	-2	0	42	20
ZAGAZIG	220	1	35	03	1	2	Ci	19.6	+0.8	6	22	+2	5	-1	71	1	0	26	14
ISMA'ILIA																			
FAROUK (Airport)	220	6	10	03	0	5	Cs	21.3		9	21		8		47	-2	0	70	
ALMAZA	200	6	12	03	0	3	Ci	20.7	+1.7	9	21	+2	7	-2	34	-6	0	58	
EZBEKIYA	00	0	12	02	1	7	Ci	21.5	+2.6	9	22	+2	8	0	47	-2	0	50	13
GIZA	00	0	12	02	1	7	Ci	20.4	+1.4	7	24	+5	5	0	57	-1	0	46	14
HELWAN	00	0	15	03	2	7	Ac, Ci	21.2	+1.8	8	20	+1	8	0	46	-3	0	51	13
FAIYUM	00	0	35	03	2	8	St	23.1	+3.9	8	23	+2	5	-1	46	-3	0	18	4
MINYA	00	0	8	02	1	5	Ci	22.9	+2.5	6	23	+2	3	-1	61	-1	0	dr.	
ASYUT MANGABAD	260	4	8	10	0	6	Cs	22.2	+2.1	10	21	0	8	+2	44	-2	0	dr.	
NAG' HAMMADI											25	+4							
QENA	270	2	15	03	1	7	Cs	19.4	+0.5	13	24	+1	10	+3	55	4	0	dr.	
LUXOR	230	2	18	00	0	2	Ac	18.5	-0.5	12			8		59	4	0	dr.	
ASWAN	360	5	15	01	1	6	Sc, Cu	18.2	-0.7	17	27	+4	15	+5	34	1	0	dr.	
SIWA	00	0	12	03	0	2	Ci	21.9	+1.3	2	17	-3	1	-3	64	-4	0	5	6
BAHARIYA	00	0	35	02	2	8	Cs	22.2	+2.2	8	23	+3	4	-1	58	0	0	dr.	5
FARAFRA	00	0	15	02	2	5	Ci	22.7		10	24		3		76	6	0	dr.	
DAKHLA	340	4	35	01	1	6	Ci			9	23	+1	6	+1	34	-6	0	dr.	
KHARGA																			
SUEZ	360	2	50	00	0	4	Sc, Ci	19.5	+1.1	11	24	+4	9	0	51	1	0	18	10
TOR	20	5	35	02	0	0	—	16.4	-1.5	14	24	+3	10	+1	48	3	0	1	9
HURGHADA	290	12	30	02	0	0	—	16.8	-1.1	16	21	+1	12	+2			0	0	
QUSEIR	310	9	15	00	0	7	Ac	17.1	-0.4	17			15	+1	88	15	0	dr.	4
PORT SUDAN	20	6	30	01	2	4	Sc, Cu	14.8		25	29		23		61	17	0	Rain	88
WADI HALFA	360	8	50	01	2	7	Cs	16.6		13	29		11		51	3	0	dr.	
ABU HAMAD	10	9	50	02	2	8	Cs			20	33		17		38	5	0		
KAREIMA	360	7	30	02	1	4	Ci	13.7		19	33		16		40	5	0	dr.	1
'ATBARA	10	6	30	02	0	1	Cs	11.8		21	33		17		61	13	0	0	2
KHARTUM	350	14	30	03	0	1	Ci	11.1		22	34		16		38	7	0	0.6	4
KASSALA											39								8
WAD MEDANI																			12
RENK	310	5	35	02	0	0	—	12.4		21	37		16		28	2	0		49
ROSEIRES																			36
EL OBEID	360	3	30	03	0	1	Ci	13.2		19	33		11		28	0	0	18	16
EL FASHER											35								6
GENEINA	70	4	30	01	1	1	Ci			16	36		14		28	-3	0		4
MALAKAL	90	5	30	01	2	3	Sc, Ac	11.4		27	38		22		22	3	0	94	88
WAU	20	1	10	04	1	5	Ac	9.3		26	38		24		55	16	0	152	144
JUBA	180	7	30	04	1	2	Ac, Ci	10.1		26	39		17		55	16	0	224	145

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	62	-4
Ezbekiya	53	-14
Giza	63	-10
Helwan	46	-12

GIZA GRASS MINIMUM TEMP. ON 21st 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 20th At 15h. Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	130	19		250	6
950					
900					
850	1489	6		230	25
800					
700	3064	2		240	42
600					
500	5691	-17		250	56
400	7325	-28			
300	9332	-42			

On ..... At ..... Pressure 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 ..... Pressure 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.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Sueu Dir.	Sueu Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Minya 20 Dir.	Minya 20 Vel.	Port Said 20 Dir.	Port Said 20 Vel.
Time	14		14		14		14		14		14		14		14		20		20	
300	260	16	250	16	220	11	300	7	310	9	270	22	40	14	20	3	240	10	220	7
600	250	17	230	11	240	6	290	8	340	8	260	30	40	17	90	3	260	10	230	8
1000	240	21	240	16	230	9	280	7	360	6	260	30	10	17	70	7	240	14	250	9
1500	230	20	220	17	230	27	250	19	280	11	260	37	320	10			250	17	280	2
2000			200	26	240	30	250	38	250	26	250	31	260	11					250	6
3000																				
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 21st

Station	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 Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time			4				2						2		8		8		8		8		5	
300			180	15			250	6					340	8			340	7	360	18	310	21	240	4
600			180	16			250	5					330	8			350	7	40	5	310	30	280	16
1000			190	19			270	5					340	12			30	9	80	16	300		280	18
1500							300	4							270	15	10	11	20	5	180	5	340	9
2000															250	22	60	6	290	6	180	6		
3000															260	29	90	2	260	24				
4000																			320	16				
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						4		5		4	
300			240	14					30	15														
600			240	13					50	20	50	19	50	21									60	23
1000			240	8					30	17	70	21	60	15					30	27	360	30	20	47
1500			180	9					200	1	40	13	10	6					30	11	60	27	120	16
2000			200	19															50	3				
3000			200	22					270	15	270	9	20	5					100	11			90	3
4000			210	23							250	9												
5000																			140	10			30	11
6000																			130	8				
7000																			50	12				
8000																			20	5				

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.

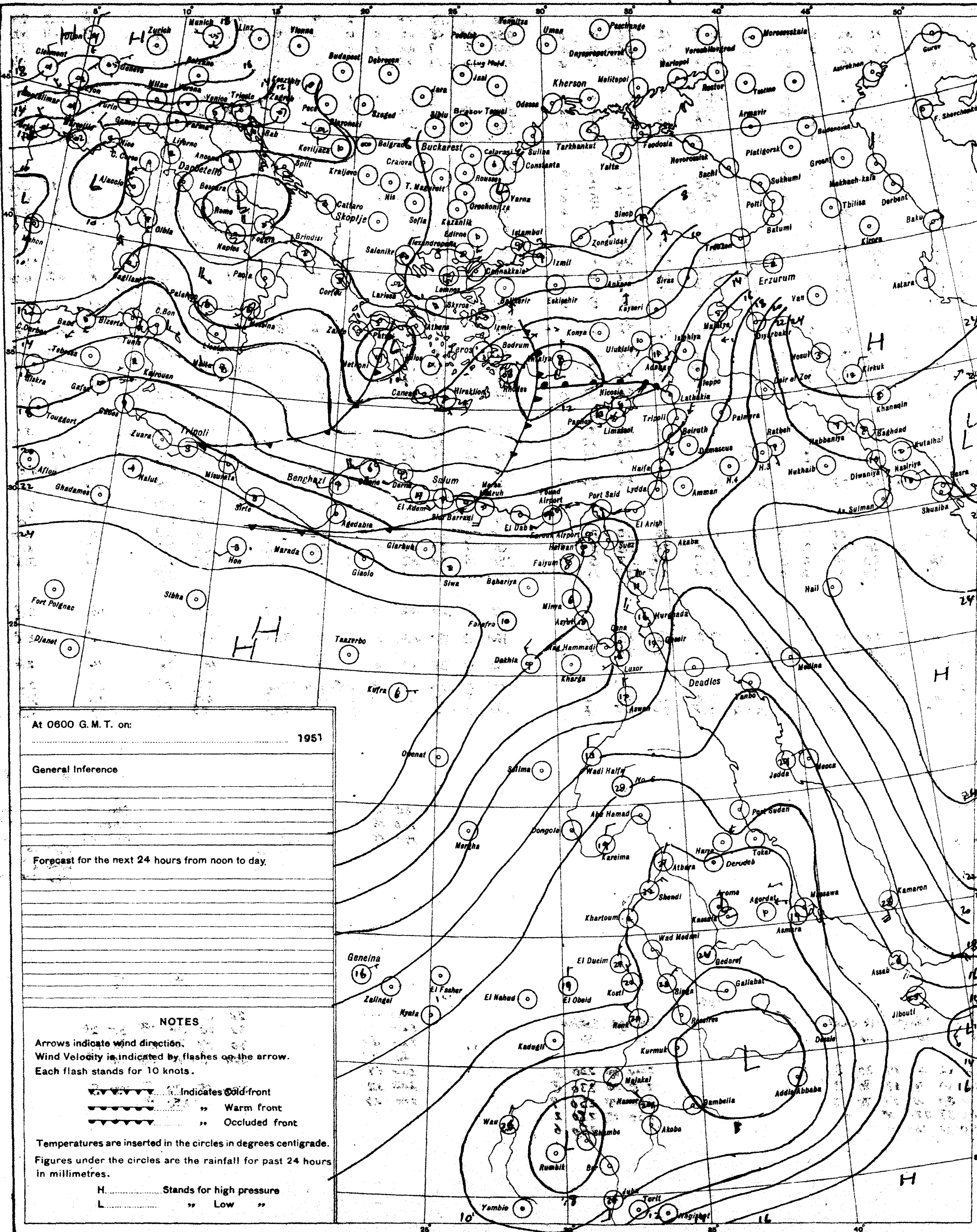
Printed by the Survey of Egypt 1949 (49/557).(50/637)

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* 21.1.1 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

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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 51 G.M.T.

" " Sunset 15 23 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 22nd January, 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	62800	SALŪM	270	18		00	1	1	Cu	18.6	16	49	5
	308	SÎDI BARÂNI											
	306	MATRŪH	270	16	14	01	0	0	—	19.0	15	39	1
	309	EL DABA	270	10	35	00	0	0	—		15	39	1
		ALEXANDRIA	220	23	50	01	2	1	Cu	19.5	14	48	3
	318	FOUAD (Airport)	250	20	18	02	0	0	—	17.0	15	48	4
	330	DAMIETTA	200	5	35	02	0	0	—	20.0	15	48	4
	333	PORT SA'ID	260	16	14	02	0	1	Ci	19.0	16	45	4
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	9	15	02	0	0	—	19.8	16	42	3
	342	MANSURA	220	9	35	00	0	0	—	19.6	16	36	1
	348	TANTA	220	5	35	01	1	1	Cu	19.8	15	30	-3
	354	ZAGAZIG	220	2	50	02	1	0	—	20.4	17	42	4
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	290	16	8	02	2	6	CS	20.6	15	30	-3
	372	ALMAZA	250	15	14	01	1	5	CS	20.2	15	20	-8
		EZBEKIYA	270	6	18	02	1	7	Ci	20.6	16	20	-7
		GIZA	270	6	18	02	1	7	Ci	20.2	18	20	-5
	378	HELWAN	220	4	7	02	2	8	Cc	20.6	15	20	-8
Upper Egypt	381	FAIYUM	00	0	35	02	2	8	Ci	21.9	16	24	-5
	387	MINYA	360	2	8	02	2	7	As, Cu	21.8	16	19	-8
	393	ASYUT MANQABAD	340	10	10	10	2	7	CS	20.3	17	18	-8
	399	NAG' HAMMADI	220	2	7	03	2	6	Cu, Ac	18.3	18	46	6
	402	QENA	290	2	35	03	1	8	CS	18.0	20	41	6
	405	LUXOR	340	7	30	03	2	6	St	16.8	20	43	7
	414	ASWAN	360	7	50	03	2	3	As	15.4	24	15	-5
Oases	417	SIWA	270	12	14	00	0	0	—	22.2	14	29	-4
	420	BAHARIYA	320	4	35	02	2	8	CS	21.4	15	48	4
	423	FARAFRA	320	3	15	02	2	6	Ac	21.8	16	32	-1
	432	DAKHLA	20	14		01	2	6	Ci	20.4	16	32	-1
	435	KHARGA	360	9		02	2	0	—	19.6	18	37	3
Red Sea	450	SUEZ	360	2	50	01	0	3	Sc	18.4	16	77	12
	459	TOR											
	462	HURGHADA	350	22	30	03	2	8	As	16.3	20	60	12
	465	QUSEIR	20	13	15	02	2	7	Ac	15.7	21	57	12
	641	PORT SUDAN	70	7	30	02	1	5	Cu, Ac	11.9	28	74	23
North Sudan	600	WADI HALFA	20	17	30	02	1	4	CS	13.6	27	19	1
	640	ABU HAMAD	360	3	30	02	2	8	CS		33	32	14
	660	KAREIMA	50	4	30	02	0	6	CS	9.8	32	29	12
	680	'ATBARA	340	8	30	02	0	1	CS	6.9	34	27	12
	721	KHARTUM	340	5	30	03	0	3	Ci	7.1	35	22	10
	730	KASSALA	20	2	30	02	0	0	—	3.7	39	18	11
Central Sudan	751	WAD MEDANI	50	2	35	02	0	2	Ci	5.6	36	19	9
	801	RENK	270	2	35	02	0	4	Ac	7.2	36	19	9
	802	ROSEIRES	50	2	35	02	0	0	—	5.3	38	31	18
	771	EL OBEID	100	8	30	03	0	7	CS	7.5	32	17	4
	760	EL FASHER	50	5	30	03	1	2	Ci		32	28	11
	770	GENEINA	130	1	30	01	0	2	Ci		35	7	-6
S. Sudan	840	MALAKAL	90	5	30	03	1	5	Ac, Ci	6.6	35	20	9
	880	WAU	160	8	10	04	1	4	Cu, Ac	5.3	36	29	15
	941	JUBA	360	9	30	04	0	3	Cu	3.1	38	18	10

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.
SALŪM	290	5	15	00	0	0	—	20.0	11	63	4	0
SÎDI BARÂNI	280	12	18	00	0	0	—	20.5	13	44	1	0
MATRŪH	230	6	10	00	0	0	—	21.5	10	76	6	0
EL DABA	00	0	7	01	1	2	Cu		8	88	6	0
ALEXANDRIA	270	00	35	03	2	3	Ac	22.2	14			0
FOUAD (Airport)	270	11	12	02	0	1	Sc	21.4	13	72	8	0
DAMIETTA												
PORT SA'ID	270	8	15	02	0	0	—	22.1	13	48	2	0
EL 'ARISH												
DAMANHUR	270	9	7	02	0	0	—	21.9	10	62	3	0
MANSURA	320	3		00	0	0	—	23.2	10	62	3	0
TANTA	00	0	35	02	1	0	—	22.3	7	71	2	0
ZAGAZIG												
ISMA'ILIA												
FAROUK (Airport)	250	2	8	00	0	0	—	23.1	11	41	-2	0
ALMAZA	250	3	12	00	2	0	—	22.9	11	41	-2	0
EZBEKIYA	00	0	12	00	0	0	—	23.0	10	58	2	0
GIZA	00	0	12	00	0	0	—	22.6	6	71	1	0
HELWAN	00	0	3	01	1	0	—	23.8	10	26	-9	0
FAIYUM												
MINYA	360	5	8	02	1	6	Ci	24.1	7	49	-3	0
ASYUT MANQABAD	270	2	6	10	2	3	Ci	22.5	10	38	-4	0
NAG' HAMMADI												
QENA	320	1	7	03	1	8	CS	18.7	15	68	9	0
LUXOR												
ASWAN	360	6	15	00	0	0	—	19.8	18	28	-1	0
SIWA	70	3	8	00	0	0	—	23.3	8	62	1	0
BAHARIYA	00	0	15	02	2	0	—	23.3	7	57	-1	0
FARAFRA	40	1	7	02	2	1	Cu	23.6	9	34	-6	0
DAKHLA	320	8	35	00	0	0	—	20.3	11	41	-2	0
KHARGA	360	2	15	02	2	8	As	20.2	14	77	10	0
SUEZ	310	1	35	01	0	0	—	21.6	11	71	6	0
TOR												
HURGHADA	320	20	12	00	1	0	—	17.9	16	59	8	0
QUSEIR	330	9	15	01	2	0	—	17.0	20	56	11	0
PORT SUDAN	50	4	30	01	1	4	CS	14.4	24	77	24	0
WADI HALFA	340	15	30	01	1	2	CS	16.7			0	0
ABU HAMAD	360	5	30	02	2	8	CS		29	29	9	0
KAREIMA	360	12	30	01	1	5	Ci	12.3	28	29	8	0
'ATBARA	330	4	30	01	1	2	CS	9.4	28	35	11	0
KHARTUM	360	7	30	01	0	0	—	8.6	29	31	10	0
KASSALA	20	6	30	02	0	0	—	6.8	30	16	1	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA	10	5	30	01	1	1	Ci		18	20	-5	0
MALAKAL												
WAU												
JUBA												

At 0600 on Tuesday 22nd 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.	Temperature °C. Maximum 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	2	7	CS	23.8	+6.1	9	17	-2	6	-3	71	4	0	56	
SIDI BARANI	330	12	18	02	0	2	CS	23.4		6	16		5		62	0	0	92	
MATRUH	210	11	18	02	1	4	Cu, Sc	24.0	+5.8	7	16		6		62	0	0	108	
EL DABA			15	01	1		Cu			8	15		4		71	3	0	173	
ALEXANDRIA	220	11	35	02	4	7	Ac	23.3	+4.7	13	16	-2	10	0	77	9	0	118	132
FOUAD (Airport)	240	6	12	03	2	6	Cu, Sc	23.1	+5.2	12	15	-3	9	0	77	8	0	127	97
DAMIETTA	200	2	7	03	1	7	Sc	23.6	+6.0	8			6	-2	88	6	0	120	61
PORT SA'ID	230	9	12	03	1	5	Sc	24.1	+6.1	11	16	-2	9	-2	67	5	0	58	
EL 'ARISH	180	2	30	03	1	2	Ci	23.3	+5.2	9			5		62	2	0	64	
DAMANHUR	270	5	7	02	1	2	Ci	22.6	+3.3	8	17	-3	6	-1	71	3	0	66	55
MANSURA	180	3	35	00	0	0	—	23.8	+5.9	6	16	-4	4	-3	71	1	0	25	26
TANTA	00	0	35	02	0	0	—	22.6	+3.8	6	16	-4	3	-3	71	1	0	42	20
ZAGAZIG																			14
ISMA'ILIA																			
FAROUK (Airport)	00	0	12	03	0	3	CS	24.0		9	16		5		67	3	0	70	
ALMAZA	130	3	12	03	1	2	CS	24.0	+5.0	8	16	-4	5	-4	58	0	0	58	
EZBEKIYA	00	0	12	00	0	3	CS	24.4	+5.6	7	17	-3	5	-3	66	1	0	50	13
GIZA	00	0	12	00	0	3	CS	23.9	+5.0	6	18	-1	1	-4	71	1	0	46	14
HELWAN	00	0	7	02	0	1	CS	24.7	+5.3	8	15	-4	6	-2	46	-3	0	51	14
FAIYUM	00	0	35	03	2	7	Ci	24.2	+5.0	6					66	0	0	18	4
MINYA	340	4	8	03	0	3	Ci	24.5	+4.1	4	17	-4	0	-4	52	-5	0	dr.	
ASYUT MANQABAD	270	8	6	10	0	2	Ci	23.8	+3.7	5	18	-3	2	-4	45	-6	0	dr.	
NAG' HAMMADI	00	0		01	1	2	Ac, Ci	22.0	+2.8	7			3	-2	57	-1	0	0.1	
QENA	270	3	15	00	0	0	—	21.4	+2.5	8	21	-2	5	-2	46	-3	0	dr.	
LUXOR	160	4	30	02	1	2	Ci	20.8	+1.9	11			7		41	-2	0	dr.	
ASWAN	360	6	50	03	2	8	Cu	19.6	+0.7	13	25	+2	12	+2	24	-7	0	dr.	
SIWA											15	-5							6
BAHARIYA	00	0	35	02	2	6	Ac	24.2	+4.2	9	16	-4	2	-3	62	2	0	dr.	5
FARAFRA	00	0	15	02	2	4	Ac	24.6		3	16		-2				0	dr.	
DAKHLA	270	8	50	00	0	0	—	23.6	+3.4	6	17	-5	4	-1	57	-2	0	dr.	
KHARGA	360	6	15	03	2	2	Ci	21.6	+2.2	10	19	-3	9	+3	38	-4	0	dr.	
SUEZ	00	0		00	0	0	—	22.6	+4.3	8	18	-2			58	0	0	18	10
TOR																			9
HURGHADA	280	13	30	03	1	5	Ac, Ci	20.0	+2.1	10	20	0	8	-2	44	-2	0	0	
QUSEIR	330	13	15	02	0	0	—	19.4	+1.9	14	22	-1	14	0	48	3	0	dr.	4
PORT SUDAN	360	8	30	02	2	7	Sc, Cu	16.4		25	29		24		89	23	dr.	Rain	88
WADI HALFA	340	5	30	03	1	7	CS	18.7		12	28		10		31	-5	0	dr.	
ABU HAMAD	360	5	30	02	1	3	Ci			19	34		17		32	2	0		
KAREIMA	20	10	30	02	0	0	—	15.5		19	34		16		49	8	0	dr.	1
'ATBARA	10	12	10	07	1	1	Ci	14.2		22	35		19		69	16	0	0	2
KHARTUM	360	12	30	02	0	0	—	11.8		23	36		20		47	10	0	06	4
KASSALA	50		30	02	0	2	Ci	10.5		25	40		21		65	18	0	49	8
WAD MEDANI	20	5	35	02	0	0	—	11.4		23	37		17		53	13	0	20	12
RENK	310	5	35	02	0	0	—			23	38		18		47	11	0		49
ROSEIRES	270	2	35	02	0	0	—	11.2		24	39		17		54	14	0	92	38
EL OBEID	350	11	30	02	0	0	—	12.9		20	34		17		26	0	0	18	16
EL FASHER	320	4	30	03	0	2	Ci			14	35		11		48	3	0	13	6
GENEINA	40	5	30	03	0	3	Ci			17	37		15		28	-2	0		4
MALAKAL											36								88
WAU	00	0	10	04	0	0	—	9.2		25	37		22		61	17	0	152	144
JUBA	90	2	30	04	0	1	Ci	9.2		27	39		16		40	12	0	224	145

HUMIDITY % Mean of day

Station	on 21st	Diff. from normal
Alexandria	50	-16
Ezbekiya	37	-30
Giza	55	-17
Helwan	30	-28

GIZA GRASS MINIMUM TEMP. ON 22nd -0.6 °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	170	14		300	6
950					
900					
850	1507	6		260	24
800					
700	3087	2		260	48
600					
500	5718	-15		260	43
400	7368	27			
300	9370	-44			

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 21st

Station	S. Barani		Matruh		Port Said		Almaza		Minya		Asyut		Hurghada		Siwa		Kharga						Minya		Port Said	
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	310	22	300	17	250	23	260	10	330	7	320	16	340	40	290	7	10	28					350	16	230	23
600	280	21	280	17	260	18	260	8	330	9	300	14	320	20	310	8	10	33					350	15	340	6
1000	280	21	280	22	250	15	260	10	330	19	360	9	290	15	310	10	20	27					350	16	280	18
1500	280	20	260	17	240	13	270	11	340	10	280	15	300	26	310	13							280	12	310	21
2000	270	30			270	21					290	23			300	16										
3000	310	29									250	28			290	26										
4000															270	41										
5000																										
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		Almaza	
Time	5		5				2		6		8		2		8		5		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	260	8	260	8			280	7	210	7	350	8	360	16	320	9	340	4	360	12	300	19	340	10
600	260	4	260	4			290	7	210	4	10	13	360	19	360	21	350	4	30	17	320	22	360	14
1000	300	3	300	3			290	6	20	5	30	19	20	18	10	11	350	11	60	12	310	30	20	13
1500	320	2	320	2			300	5	10	13	30	19	320	16	310	14	20	2	50	6	300	26	40	20
2000									20	11	280	14			270	11	330	2			300	25		
3000									240	26					240	26								
4000									270	35					250	33								
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		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	30	10	270	8			10	25	10	11														
600	20	10	260	12			10	30	40	15	70	2			30	24	60	4						
1000	60	10	270	27			10	30	50	19	60	24			30	21	50	7						
1500	110	13	280	22			20	23			70	12			30	13	70	13						
2000	350	8	280	24											120	5								
3000	320	15	310	21							340	5			130	2	80	5						
4000	260	30									310	3			180	6	180	15						
5000	260	40													130	12								
6000	260	48																						
7000																								
8000																								

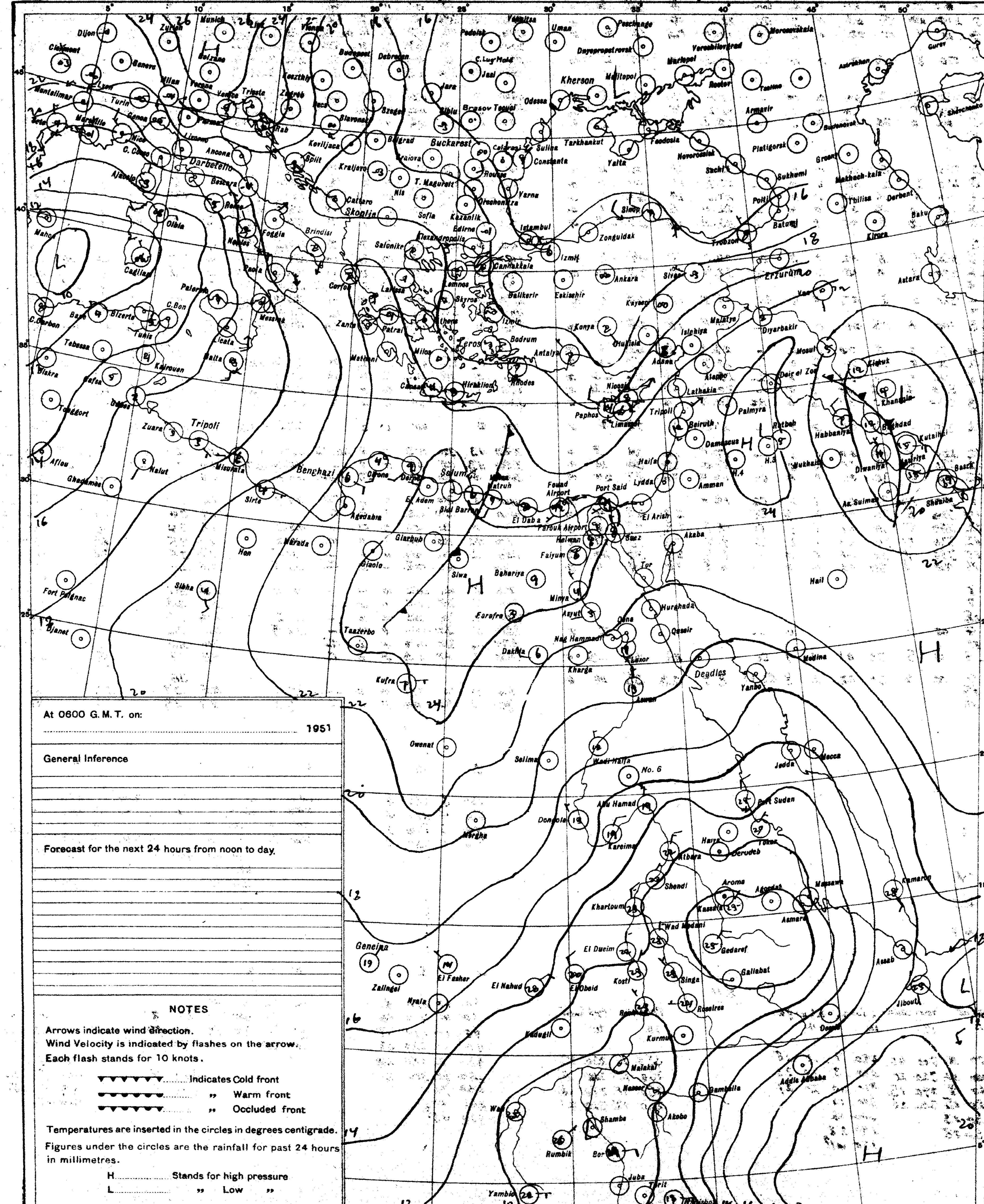
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Tuesday 22/1/ 1952



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 / 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 50 G.M.T.

" " Sunset 15 23 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 23rd January, 1951

At 1200 on Tuesday 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	70	5	35	02	2	7	CS	21.1	16	59	8
	303	SÎDI BARÂNI	280	4	30	01	2	6	CS	22.3	16	52	6
	306	MATRÛH	320	5	30	01	2	6		22.3	16	52	6
	309	EL DABA	320	6		01	1	3	Cu		16	59	8
		ALEXANDRIA											
	318	FOUAD (Airport)	340	12	18	03	2	7	Cu, Ci	22.1	17	56	8
	330	DAMIETTA	320	2	15	02	1	7	SC	22.0	17	68	11
	333	PORT SA'ID											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	5	15	02	1	7	Ac	21.8	17	60	9
	342	MANSURA	320	5	35	03	2	6	Cu, SC	21.8	18	52	8
	348	TANTA	00	0	35	03	2	7	Cu	21.0	19	46	7
	354	ZAGAZIG	320	1	50	03	1	4	Cu	21.8	20	56	11
	441	ISMAÎLÎA											
Cairo Area	366	FAROUK (Airport)	20	9	30	03	2	5	Cu, Cs	22.1	17	42	4
	372	ALMAZA	40	13	30	03	1	5	Cu, Cs	21.6	17	60	9
		EZBEKÎYA	360	4	18	02	1	5	Cu, Ci	21.8	18	49	7
		GÎZA	360	4	18	02	1	5	Cu, Ci	21.2	18	46	6
	378	HELWÂN	20	4	15	01	2	7	Ci	21.2	17	42	4
Upper Egypt	381	FAIYÛM	360	6	35	02	2	7	Ci	22.2	17	42	4
	387	MINYA	360	16	8	02	1	4	Ci	21.1	16	42	3
	393	ASYÛT MANQABÂD	340	10	18	02	1	2	Ci	19.7	18	28	-1
	399	NAG' HAMMÂDI	320	2	7	02	1	5	SC, Cu	18.4	19	46	7
	402	QENA	240	2	35	03	1	6	Ci	18.2	19	23	-3
	405	LUXOR											
	414	ASWÂN	360	8	50	03	2	8	Cu	16.6	21	17	-5
Oases	417	SÎWA	140	4	14	02	1	4	Ci	22.6	17	32	0
	420	BAHARÎYA	360	3	35	02	2	6	Ac	21.6	16	59	8
	423	FARAFRA	40	2	35	02	2	4	Ci	21.9	16	49	5
	432	DAKHLA	360	5	50	01	1	2	Ci	20.7	18	20	-5
	435	KHARGA	360	6	15	02	2	7	Ac	21.0	18	52	8
Red Sea	450	SUEZ	360	2	50	03	0	2	Cu	18.4	17	42	4
	459	TÛR											
	462	HURGHADA	340	23	30	02	1	1	CS	16.9	18	68	12
	465	QUSEIR	360	19	15	00	0	2	As	16.5	19	52	9
	641	PORT SÛDÂN	40	12	30	03	2	1	Cu	13.5	27	79	23
North Sûdân	600	WÂDI HALFA	350	12	18	02	2	7	Ce	14.9	24	22	1
	640	ABU HAMAD	50	6	30	02	0	0	—		34	27	12
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM	10	13	30	03	0	1	Ci	7.7	35	27	13
	730	KASSALA	50	5	30	01	0	0	—	3.9	37	17	8
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	10	30	02	0	0	—	7.4	32	20	6
	760	EL FÂSHER	60	6	30	01	0	0	—		31	33	13
	770	GENEINA											
S. Sûdân	840	MALAKÂL	20	6	30	02	0	0	—	4.9	38	15	7
	880	WÂU	70	9	10	04	0	1	Ac	4.0	38	17	9
	941	JUBA	50	5	30	04	0	3	Cb	2.5	39	13	6

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.
62300	SALŪM	270	2	15	02	2	6	CS	21.9	13	67	7	0
303	SÎDI BARÂNI												
306	MATRÛH	240	2	14	02	2	7	AS	23.0	12	67	6	0
309	EL DABA	00	0	7	00	0	0	—		13	77	9	0
	ALEXANDRIA	00	0	35	01	2	2	Ac	22.8	15	68	9	0
318	FOUAD (Airport)	360	2	12	01	1	5	CS	22.7	13	77	9	0
330	DAMIETTA	270	2	7	01	1	3	SC	22.2	12	97	12	0
333	PORT SA'ID	280	3	12	01	1	1	Ci	22.4	14	82	11	0
336	EL 'ARISH												
339	DAMANHUR	360	9	7	02	0	0	—	22.4	11	77	7	0
342	MANSURA												
348	TANTA	00	0	35	01	2	3	Cu	21.6	11	77	7	0
354	ZAGAZIG	00	0	35	02	1	0	—	22.0	13	77	9	0
441	ISMAÎLÎA												
366	FAROUK (Airport)	40	10	12	01	2	1	CS	22.5	14	67	8	0
372	ALMAZA	20	5	12	01	2	2	Cu	21.9	14	67	8	0
	EZBEKÎYA	00	0	12	02	1	1	Cu	22.2	14	67	8	0
	GÎZA	00	0	12	02	1	1	Cu	21.9	12	77	8	0
378	HELWÂN	360	3	7	01	1	0	—	22.4	13	55	4	0
381	FAIYÛM	00	0	35	02	2	7	Ci	22.3	12	77	8	0
387	MINYA	340	5	8	00	1	0	—	21.9	9	62	2	0
393	ASYÛT MANQABÂD	300	6	10	02	1	1	Ci	20.9	10	67	4	0
399	NAG' HAMMÂDI	270	1		00	1	0	—	19.6	12	77	8	0
402	QENA												
405	LUXOR	00	0	12	01	1	2	CS		14	42	1	0
414	ASWÂN	00	0	15	00	0	0	—	17.2	18	20	-5	0
417	SÎWA	150	4	8	01	2	3	As	23.4	13	48	2	0
420	BAHARÎYA												
423	FARAFRA	360	1	15	02	2	1	Ci	22.6	11	51	1	0
432	DAKHLA	340	8	35	00	0	0	—	21.5	14	27	-5	0
435	KHARGA	360	1	15	01	2	2	Ci	20.0	13	24	-7	0
450	SUEZ	360	1	35	01	0	0	—	21.2	14	55	5	0
459	TÛR												
462	HURGHADA	330	24	14	02	1	1	Cs	18.2	16	52	6	0
465	QUSEIR	330	13	15	02	1	2	Ci	17.6	18	60	10	0
641	PORT SÛDÂN	40	11	30	03	1	4	SC	15.3	26	84	23	0
600	WÂDI HALFA	360	10	30	02	2	7	CS	15.7	20	35	4	0
640	ABU HAMAD	360	8	30	02	0	0	—		27	35	10	0
660	KAREIMA	20	6	30	02	0	0	—	11.7	27	40	12	0
680	'ATBARA	350	6	30	02	0	0	—	9.3	28	29	8	0
721	KHARTÛM	350	8	30	02	0	1	Ci	8.5	30	27	9	0
730	KASSALA	30	3	30	02	0	0	—	7.0	31	29	11	0
751	WÂD MEDANI												
801	RENK			35	02	0		Ci		23	39	19	47
802	ROSEIRES												
771	EL OBEID	340	5	30	02	0	0	—	9.8	26	30	7	0
760	EL FÂSHER	70	6	30	02	0	0	—		26	35	9	0
770	GENEINA	20	3	30	02	1	5	CS		27	15	-2	0
840	MALAKÂL	00	0	30	02	0	0	—	7.0	28	40	13	0
880	WÂU	00	0	10	04	0	0		5.4	32	31	13	0
941	JUBA	00	0	30	04	1	2	Ci	5.4	29	33	11	0

At 0600 on Wednesday 23rd January, 1952

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	SALŪM	160	9	15	03	1	6	Ci	21.1	+3.4	13	18	-1	9	0	77	9	0	56	
303	SÎDI BARÂNI																			
306	MATRÛH	160	3	30	03	2	7	Sc, Cu	22.1	+4.0	6	17		4		97	6	0	108	
309	EL DABA	00	0	15	03	2	6	Sc			10	19		7		88	8	0	173	
	ALEXANDRIA	130	4	35	04	2	6	Cu, Ci	22.3	+3.8	13	18	0	12	+2	77	9	0	118	133
318	FOUAD (Airport)	130	1	4	42	4	8	Cu, Cs	22.4	+4.5	9	18	0	6	-3	94	8	0	127	98
330	DAMIETTA	300	2	15	02	1	5	Ac	22.7	+5.1	12	17	-1	8	0	97	12	0	120	62
333	PORT SA'ID	40	5	18	03	0	4	Sc, Ci	22.2	+4.2	16	17	-1	13	+2	77	12	0	58	
336	EL 'ARISH	180	4	30	01	2	5	Cu, Ci	21.5	+3.5	11			8		77	7	0	64	
339	DAMANHUR	40	5	3	02	1	1	Ci	21.9	+3.6	10	18	-2	7	0	97	10	0	66	56
342	MANSURA	360	3	35	02	1	3	Ac	22.4	+4.5	12			9	+2	77	8	0	25	26
348	TANTA	00	0	35	01	1	4	Cu	21.4	+2.7	6	19	-1	5	-1	97	6	0	42	20
354	ZAGAZIG	00	0	35	02	0	0	—	22.0	+3.2	6	22	+2	5	-1	97	6	0	20	14
441	ISMAÎLÎA																			
366	FAROUK (Airport)	90	8	12	02	2	6	CS	22.4		10	17		10		88	8	0	70	
372	ALMAZA	70	9	12	03	2	5	Sc, Ci	21.7	+2.7	10	18	-2	9	0	88	8	0	58	
	EZBEKÎYA	360	4	12	02	1	7	Ci	22.6	+3.8	10	19	-1	9	+1	88	8	0	50	13
	GÎZA	360	4	12	02	1	7	Ci	22.2	+3.4	8	18	-1	5	0	97	8	0	46	14
378	HELWÂN	20	13	15	03	2	7	Ac, Cs	22.7	+3.4	12	17	-2	12	+4	77	8	0	51	14
381	FAIYÛM	360	2	35	03	2	8	Ci	22.0	+2.9	11	18	-3	6	0	88	9	0	18	4
387	MINYA	320	1	8	02	1	4	Ci	21.1	+0.7	6	17	-4	5	+1	87	4	0	dr.	
393	ASYÛT MANQABÂD	320	2	5	10	0		Ci	20.9	+0.9	6	18	-3	5	-1	81	3	0	dr.	
399	NAG' HAMMÂDI	00	0		02	1	7	Sc, Cu, Ci	20.0	+0.9	9	20	-1	4	-1	71	4	0	0.1	
402	QENA	320	2	15	01	1	3	Cu	20.0	+1.2	9			6	-1	71	4	0	dr.	
405	LUXOR	00	0	30	03	1	3	Ac	18.6	-0.3	7	22		6		81	4	0	dr.	
414	ASWÂN	360	4	50	01	1	3	Ci	19.0	+0.2	13	23	-1	11	+1	34	-3	0	dr.	
417	SÎWA	100	3	13	03	0	4	Ac, Ci	21.6	+1.1	7	18	-2	6	+2	57	-1	0	5	6
420	BAHARÎYA	40	1	35	02	2	7	Cs.	21.8	+1.9	11			7	+2	77	7	0	dr.	5
423	FARAFRA	00	0	35	02	2	2	Ac	22.4		9	17		3		58	1	0	dr.	
432	DAKHLA	340	8	50	01	1	5	Ci	20.8	+0.7	7	19	-3	4	-1	57	-1	0	dr.	
435	KHARGA	00	0	15	03	2	3	Ac	20.2	+0.8	8	19	-4	7	+1	46	-3	0	dr.	
450	SUEZ	360	2	50	00	0	3		20.6	+2.3	13	18	-2	6	-3	77	9	0	18	10
459	TÛR																			9
462	HURGHADA	320	24	30	03	1	4	Sc, Ci	18.0	+0.1	16	19	-1	9	0	64	9	0	0	
465	QUSEIR	330	13	15	00	0	3	Ci	17.9	+0.5	14	20	0	13	-1	48	3	0	dr.	4
641	PORT SÛDÂN											29								88
600	WÂDI HALFA	360	6	30	03	2	4	Ac	18.4		11	26		9		33	5	0	dr.	
640	ABU HAMAD	20	9	30	02	0	0	—			20	35		18		46	8	0		
660	KAREIMA	40	13	30	02	0	0	—	15.7		20	34		18		53	10	0	dr.	1
680	'ATBARA	360		30	03	0	1	Ci	12.7		22	37		19		69	16	0	0	2
721	KHARTÛM			30	02	0	0	—	11.6		23	36		21		53	13	0	0.6	4
730	KASSALA	90	9	30	02	0	0	—	8.7		28	39		20		35	11	0	0.4	8
751	WÂD MEDANI																			12
801	RENK											39								49
802	ROSEIRES																			36
771	EL OBEID	350	3	30	02	0	0	—	12.2		30	33		18		22	6	0	18	16
760	EL FÂSHER											34								6
770	GENEINA											35								4
840	MALAKÂL											39								88
880	WÂU	00	0	8	04	0	2	Ci	9.3		24	39		21		44	11	0	152	144
941	JUBA	360	2	30	04	1	5	Cu, Ac	8.6		28	40		20		31	9	0	224	145

HUMIDITY

Mean of day %

Station	on 22nd	Diff. from normal
Alexandria	69	+3
Ezbekiya	59	-8
Giza	65	-7
Helwân	51	-7

GÎZA GRASS MINIMUM TEMP. ON 23rd 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 22nd At 15½

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	190	16		30	13
950					
900					
850	1545	4		30	10
800					
700	3217	3		260	30
600					
500	5784	13		280	34
400	7440	-25			
300	9472	-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 22nd

Station	Matruh		Port Said		Almaza		Minya		Asyut		Siwa		Kharga		Hurghada		Luxor				Minya		Almaza		Port Said	
Time	14		14		14		14		14		14		14		14		14				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	350	5	340	7	40	6	360	19	320	13	140	15	20	24	330	30	20	14			20	26	40	14	340	10
600	290	4	330	7	40	10	10	17	350	13	140	16	20	27	340	22	260	16			20	25	30	15	330	10
1000	250	4	330	10	30	15	20	17	360	15	120	9	20	26	300	29	320	1					30	13	350	9
1500	40	5	340	7	320	10	350	9	330	8	80	12			320	23	340	6			360	15	20	12	10	9
2000			360	5	300	21	240	12	260	11	50	16					270	8					300	11	350	7
3000			240	10					260	31	270	5					290	13							300	10
4000			260	19							250	26													270	29
5000			260	43																						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time			8		8		2		6				2				4		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			100	9	70	6	310	10	180	4			20	13			10	4	350	3			40	14
600			80	12	70	9	310	9	70	6			10	26			30	4	80	12			50	17
1000			80	12	70	12	320	9	30	9			30	11			40	8	50	14			50	23
1500			40	9	70	8	320	9	40	9			220	5			70	3	50	11			30	30
2000			350	12	350	4	340	5	360	13							140	1					80	28
3000					280	12																		
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																	
Height m.	Dir.	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	16																
600			330	15			30	23																
1000			330	11			30	21																
1500			330	30			350	6																
2000			330	37			330	9																
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.

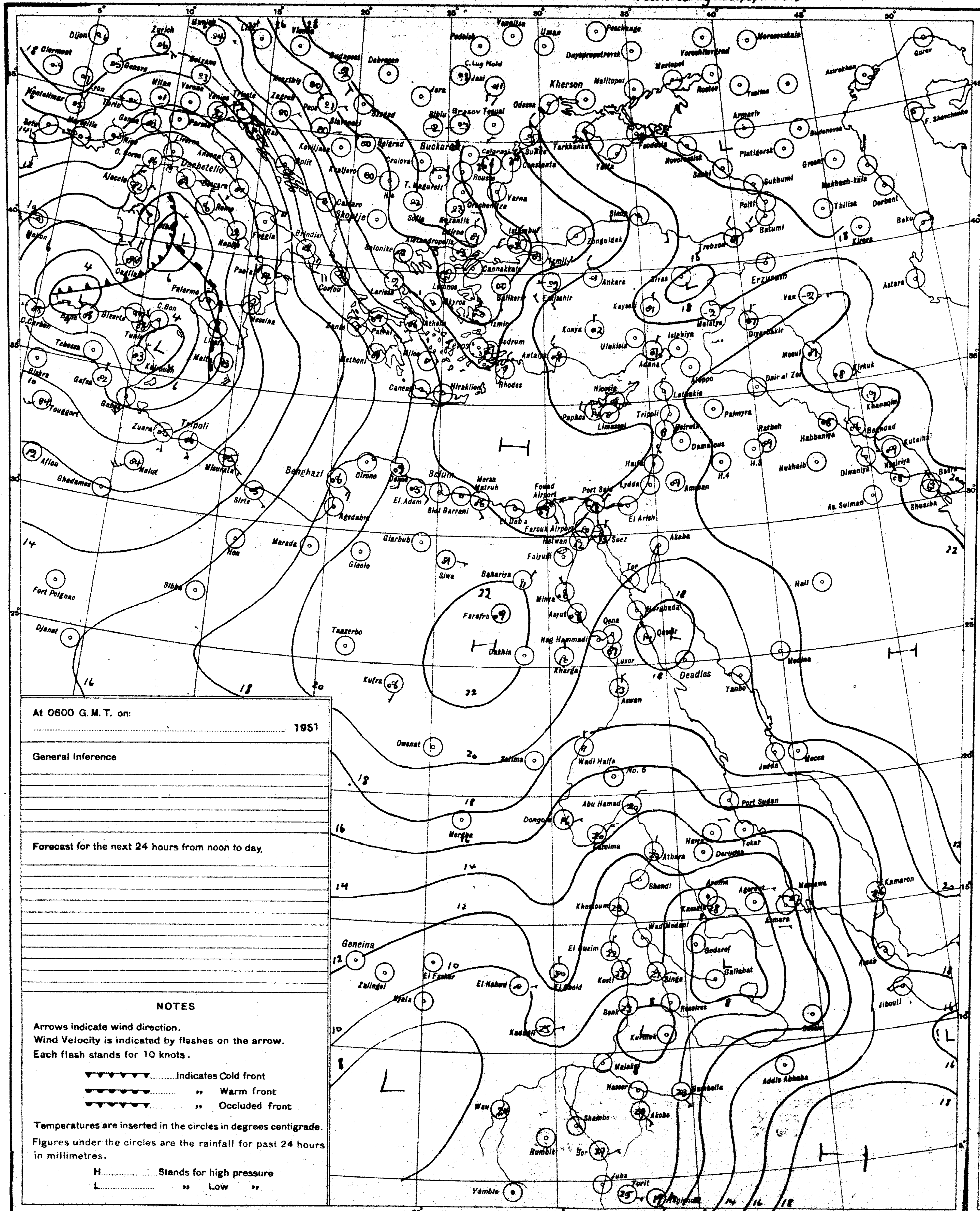
Printed by the Survey of Egypt 1949 (49/587).(50/831)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 23.11.1954



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 ....
Cirrostratus ....
Cirrocumulus ....
Altocumulus ....
Altostratus ....
Stratocumulus ....
Nimbostratus ....
Cumulus or Fractocumulus ....
Cumulonimbus ....
Stratus or Fractostratus ....

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 50 G.M.T.
" " Sunset 15 24 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 24th January, 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	SALÛM	140	13	35	02	2	7	CS	77.8	18	60	10
	303	SÎDI BARÂNI											
	306	MATRÛH	60	11	18	02	2	7	Cu, CS	19.6	17	56	8
	309	EL DABA	90	7	35	03	2	6	Sc, Ci		17	60	9
		ALEXANDRIA	40	16	50	03	2	3	Cu	20.6			10
	318	FOUAD (Airport)	40	13	18	01	1	4	Cu, Ci	20.5	18	49	7
	330	DAMIETTA	20	5	35	01	1	3	Cu	20.8	17	68	11
	333	PORT SA'ÎD	40	9	30	03	1	5	SC	20.7	18	68	12
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR											
	342	MANSURA	40	9	35	02	1	3	Cu	20.8	21	41	7
	348	TANTA	00	0	35	01	1	2	Cu	19.4	20	46	8
	354	ZAGAZIG	40	2	50	03	1	3	Cu	20.2	19	64	12
	441	ISMA'ÎLÎA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMÂZA	40	11	30	02	2	7	Cu, CS	18.8	18	52	8
		EZBEKÎYA	90	6	18	02	1	3	Cu	19.4	20	46	8
		GÎZA	90	6	18	02	1	3	Cu	18.8	19	46	7
	378	HELWÂN	20	12	15	02	2	7	As, CS	18.8	18	46	6
UPPER EGYPT	381	FAIYÛM	360	5	35	01	2	6	Ci	18.5	18	46	6
	387	MINYA	350	10	8	03	1	6	Ci	17.7	20	41	6
	393	AŞYÛT MANQABÂD	350	3	18	03	1	6	CS	17.2	20	43	7
	399	NAG' HAMMÂDI	270	2	7	02	1	6	Sc, ac	17.2	21	57	12
	402	QENA	270	1	35	03	1	6	ac	16.6	20	41	6
	405	LUXOR	20	4	30	01	1	2	Ci	15.6	22	33	5
	414	ASWÂN	340	3	50	00	0	0	—	14.0	27	9	-8
OASES	417	SÎWA	110	15	14	03	2	6	AS	18.7	18	46	6
	420	BAHARÎYA	90	3	35	02	2	7	Ar	19.1	19	64	12
	423	FARAFRA	10	2	35	03	2	4	ac	19.1	19	52	9
	432	DAKHLA	340	11	35	01	2	0	—	17.4	20	33	3
	435	KHARGA	360	1	15	02	2	2	Ci	16.6	21	41	7
RED SEA	450	SUEZ	360	1	50	03	0	5	SC	18.3	18	52	8
	459	TÔR	310	9	50	02	0	0	—	15.6	17	42	4
	462	HURGHADA	360	19	30	03	1	6	CS	15.8	19	56	10
	465	QUSEIR	360	19	15	03	1	4	Ci	15.5	20	64	13
	641	PORT SÛDÂN											
NORTH SÛDÂN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA	30	10	30	02	0	0	—	7.5	32	26	10
	721	KHARTÛM											
	730	KASSALA	20	7	30	02	0	0	—	3.1	39	14	7
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	230	2	35	02	0	0	—	5.3	39	26	16
	771	EL OBEID	40	14	30	02	0	0	—	5.0	32	21	7
	760	EL FÂSHER	70	11	30	02	0	0	—		33	30	13
	770	GENEINA	40	12	30	02	1	3	Ci		30	12	-2
S. SÛDÂN	840	MALAKÂL											
	880	WÂU	70	8	10	04	0	2	Cu, ac	3.4	38	18	10
	941	JUBA	90	4	30	04	1	5	Cu	2.1	39	15	8

At 1800 on Wednesday 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	110	5	15	01	1	4	Ac	16.3	16	68	10	0
SÎDI BARÂNI												
MATRÛH	90	8	12	02	2	6	CS	18.7	13	77	9	0
EL DABA	110	1	7	00	0	0	—		13	77	9	0
ALEXANDRIA	90	15	35	00	0	0	—	19.6	14			0
FOUAD (Airport)	70	14	12	02	1	0	—	19.1	13	82	10	0
DAMIETTA	20	2	7	00	0	0	—	20.1	15	77	11	0
PORT SA'ÎD												
EL 'ARISH												
DAMANHUR	40	9	7	02	0	0	—	20.3	11	82	8	0
MANSURA	40	5		00	1	0	—	20.6	13	77	9	0
TANTA	00	0	35	01	1	3	Cu	19.5	11	77	7	0
ZAGAZIG	220	2	35	02	1	0	—	20.2	12	88	10	0
ISMA'ÎLÎA												
FAROUK (Airport)	70	17	12	01	2	2	CS	20.2	14	82	11	0
ALMÂZA	40	15	12	00	0	0	—	19.6	15	63	8	0
EZBEKÎYA	90	4	12	00	0	0	—	19.0	15	63	8	0
GÎZA	90	4	12	00	0	0	—	19.2	15	68	9	0
HELWÂN	120	8	15	01	1	5	As	19.2	15	59	7	0
FAIYÛM	00	0	35	02	2	5	Ci	19.4	17	56	8	0
MINYA	340	3	8	02	2	6	Ci	18.0	12	59	4	0
AŞYÛT MANQABÂD												
NAG' HAMMÂDI	00	0		00	1	0	—	17.6	12	77	8	0
QENA	340	1	7	02	1	0	—	18.0	15	59	7	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	15.9	21	14	8	0
SÎWA	110	6	8	01	2	0	—	17.0	14	52	4	0
BAHARÎYA	00	0	15	01	2	4	AC	19.4	13	77	9	0
FARAFRA												
DAKHLA	320	8	35	00	0	0	—	17.5	16	32	-1	0
KHARGA	00	0	15	00	0	0	—	17.1	16	24	-5	0
SUEZ	310	1	35	01	0	0	—	18.7	13	67	7	0
TÔR	20	2		02	0	0	—		14	55	5	0
HURGHADA	360	22	12	00	0	0	—	17.2	16	68	10	0
QUSEIR	330	13	15	01	1	2	Ci	16.3	19	64	12	0
PORT SÛDÂN	360	5	30	03	2	6	Sc, Ac	15.0	25	45	12	0
WÂDI HALFA	360	9		01	0	0	—	14.6	20	26	0	0
ABU HAMAD	360	2	30	02	0	0	—		27	37	11	0
KAREIMA	360	12	30	02	0	0	—	10.8	29	25	7	0
'ATBARA	10	6	30	02	0	0	—	8.8	27	40	12	0
KHARTÛM	350	7	30	23	0	0	—	8.3	29	33	11	0
KASSALA	20	10	30	02	0	0	—	6.1	29	43	15	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	5	30	02	0	0	—	8.6	27	33	9	0
EL FÂSHER	70	6	30	02	0	0	—		25	36	9	0
GENEINA	20	8	18	02	1	0	—		28	14	-2	0
MALAKÂL	20	3	30	02	0	0	—	3.3	29	25	7	0
WÂU	00	0	10	04	1	1	Ac	4.6	33	28	12	0
JUBA	00	0	7	04	1	1	Ac	4.2	29	33	11	0

At 0600 on Thursday 24th 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.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	250	14	15	02	2	6	Ac	12.3	-5.4	14	18	-1	13	+4	55	6	0	56	
SÎDI BARÂNI																			
MATRÛH	110	11	12	03	2	8	AS	14.1	-4.0	10	18		9		88	8	0	108	
EL DABA	160	3	15	03	2	8	As			9	18		8		88	7	0	173	
ALEXANDRIA	130	12	35	04	2	8	Cu, Sc	15.8	-2.7	11	20	+2	10	0	88	9	0	118	134
FOUAD (Airport)	140	4	14	03	1	7	Ac	16.5	-1.4	10	18	0	9	0	97	10	0	127	99
DAMIETTA	110	5	15	03	1	6	Ac	16.3	-1.2	14	17	-1	12	+4	88	12	0	120	63
PORT SA'ÎD	120	12	12	01	0	4	Ci	16.0	-2.0	14			12	+1	77	10	0	58	
EL 'ARISH	150	2	18	03	2	6	Cs			9			7		88	7	0	64	
DAMANHÛR	130	9	7	02	1	6	Ac	15.9	-2.3	9	19	-1	6	-1	97	9	0	66	57
MANSÛRA	90	9	35	00	0	0	—	16.0	-1.8	9	21	+1	7	0	88	7	0	25	27
TANTA	130	2	35	01	1	1	Cu	16.3	-2.3	8	20	0	5	-1	97	8	0	42	21
ZAGAZIG	40	1	35	02	0	0	—	15.9	-2.9	8	22	+2	4	-2	97	8	0	20	14
ISMA'ÎLÎA																			
FAROUK (Airport)	00	0	14	02	0	5	AS, Cs	16.7		12	18		9		67	6	0	70	
ALMÂZA	200	6	15	03	0	5	Cs	15.6	-3.4	12	19	-1	9	0	67	6	0	58	
EZBEKÎYA	00	0	12	02	1	2	Ac	15.9	-2.8	10	20	0	8	0	76	6	0	50	13
GÎZA	00	0	12	02	1	2	Ac	16.4	-2.3	8	20	+1	5	0	88	6	0	46	14
HELWÂN	00	0	7	01	2	7	Ac	15.8	-3.5	11	19	0	9	+1	63	4	0	51	14
FAIYÛM	00	0	35	01	1	3	Ci	16.2	-2.9	9	19	-2	5	-1	88	7	0	18	4
MINYA	00	0	8	02	1	5	Ci	16.1	-4.3	7	21	0	5	+1	81	4	0	dr.	
AŞYÛT MANQABÂD	00	0	3	10	0	7	ac	16.6	-3.4	10			10	+4	88	8	0	dr.	
NAG' HAMMÂDI	00	0		02	1	4	Cu, ac	17.9	-1.1	12	23	+2	8	+3	63	5	0	0.1	
QENA	320	1	15	03	1	7	Cc	17.6	-1.2	11	21	-2	9	+2	63	4	0	dr.	
LUXOR																			
ASWÂN	360	5	50	00	0	0	—	16.0	-2.8	14	28	+4	11	+1	36	-1	0	dr.	
SÎWA	140	2	12	62	6	8	AS	15.0	-5.5	11	18	-2	10	+6	71	6	Rain	5	6
BAHARÎYA	00	0	35	02	2	0	—	16.4	-3.4	12	19	-1			77	8	0	dr.	5
FARAFRA																			
DAKHLA	20	11	15	01	2	7	Ci	15.1	-5.0	10	22	0	7	+2	38	-4	0	dr.	
KHARGA	00	0	15	03	1	2	AS	16.4	-3.0	12	22	-1	8	+2	63	5	0	dr.	
SUEZ	00	0	50	00	0	3	Cu	15.1	-3.1	13	20	0	6	-3	67	7	0	18	10
TÔR	20	5	15	02	0	0	—	17.2	-0.6	11	18	-3	9	0	77	7	0	1	9
HURGHADA	280	4	30	02	2	5	Sc, Ci	16.3	-1.6	12	19	-1	10	+1	51	2	0	0	
QUSEIR	330	13	15	00	0	3	AS	15.8	-1.6	15	21	-2	13	-1	59	7	0	dr.	4
PORT SÛDÂN	360	11	30	03	2	7	Sc	15.6		24	28		22		79	20	0	Rain	89
WÂDI HALFA	340	3	30	03	0	1	Cs	15.5		12	27		10		36	-3	0	dr.	
ABU HAMAD	50	3	30	02	0	0	—			20	33		16		56	11	0		
KAREIMA											33								1
'ATBARA	10	10	30	02	0	0	—	10.9		21	34		18		69	15	0	0	2
KHARTÛM			30	02	0	0	—	9.6		23	35		20		61	15	0	0.6	4
KASSALA	30	3	30	02	0	0	—	7.9		27	41		20		33	9	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	340	3	30	02	0	0	—	11.1		20	34		17		30	2	0	18	16
EL FÂSHER	00	0	30	02	0	1	Ci			23	34		10		29	4	0	13	6
GENEINA	50	3	30	03	0	3	Cs			17	34		14		22	-5	0		4
MALAKÂL	160	1	30	02	0	0	—	8.7		25	40		15		36	9	0	94	88
WÂU											39								144
JUBA											40								145

HUMIDITY %

Mean of day

STATION	on 23rd	Diff. from normal
Alexandria	70	44
Ezbekîya	67	0
Gîza	71	-1
Helwân	64	+7

GÎZA
GRASS MINIMUM TEMP.
ON 24th 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 23rd At 15z

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	163	17			
950					
900					
850	1521	10			
800					
700	3109	1			
600					
500	5732	-14		270	35
400	7385	-27		270	48
300	9392	-42		270	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 23rd

STATION	Fouad A.P.		Port Said		Minya		Asyut		Sûhâg		Kharga		Hurghada		Matrûh											
TIME	14		14		14		14		14		14		14		16											
HEIGHT m.	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	15	70	11	10	12	290	8	120	20	20	20	330	35	90	18										
600	80	20	40	16	360	11	350	11	120	22	20	23	320	23	100	19										
1000	90	17	60	14	350	10	10	15	150	23	20	23	320	28	130	15										
1500	80	9	70	11	320	6	310	9	180	19	20	17	320	23	180	14										
2000	150	7	80	9	320	7	210	19	230	26					200	13										
3000	100	7					260	21	340	34					250	27										
4000							280		220	32					260	27										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME			4		2		2		6				8		8		8		8		8		8	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			100	22	120	33	90	19	170	12			140	2	160	7	60	6	30	5	330	11	210	13
600			80	23	130	24	100	25	130	12			140	2	180	13	140	7	80	8	320	9	220	17
1000			230	23	200	13	130	27	130	16			150	2	190	14	140	13	40	9	300	3	270	23
1500			190	26	210	14	160	16	190	15					200	7	300	2	10	10	230	9	230	29
2000									180	11					280	9	280	10			250	19	250	16
3000															280	27	260	15					300	34
4000																							250	18
5000																							270	29
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		5				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	240	23	270	18			100	5																
600	250	34	270	27			140	12	40	11	60	23	60	20			100	11					10	25
1000	260	29	280	30			140	10	60	17			70	29			110	31	30	29	360	7	20	53
1500	270	23	260	39			360	7	70	19			60	13			160	13	70	17	50	22	30	38
2000	270	43	270	52			30	3									100	3	50	21				
3000	260	43							40	23			360	6			90	11	130	3	130	4	140	11
4000																								
5000																								
6000																			110	5	70	16		
7000																			110	11				
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.

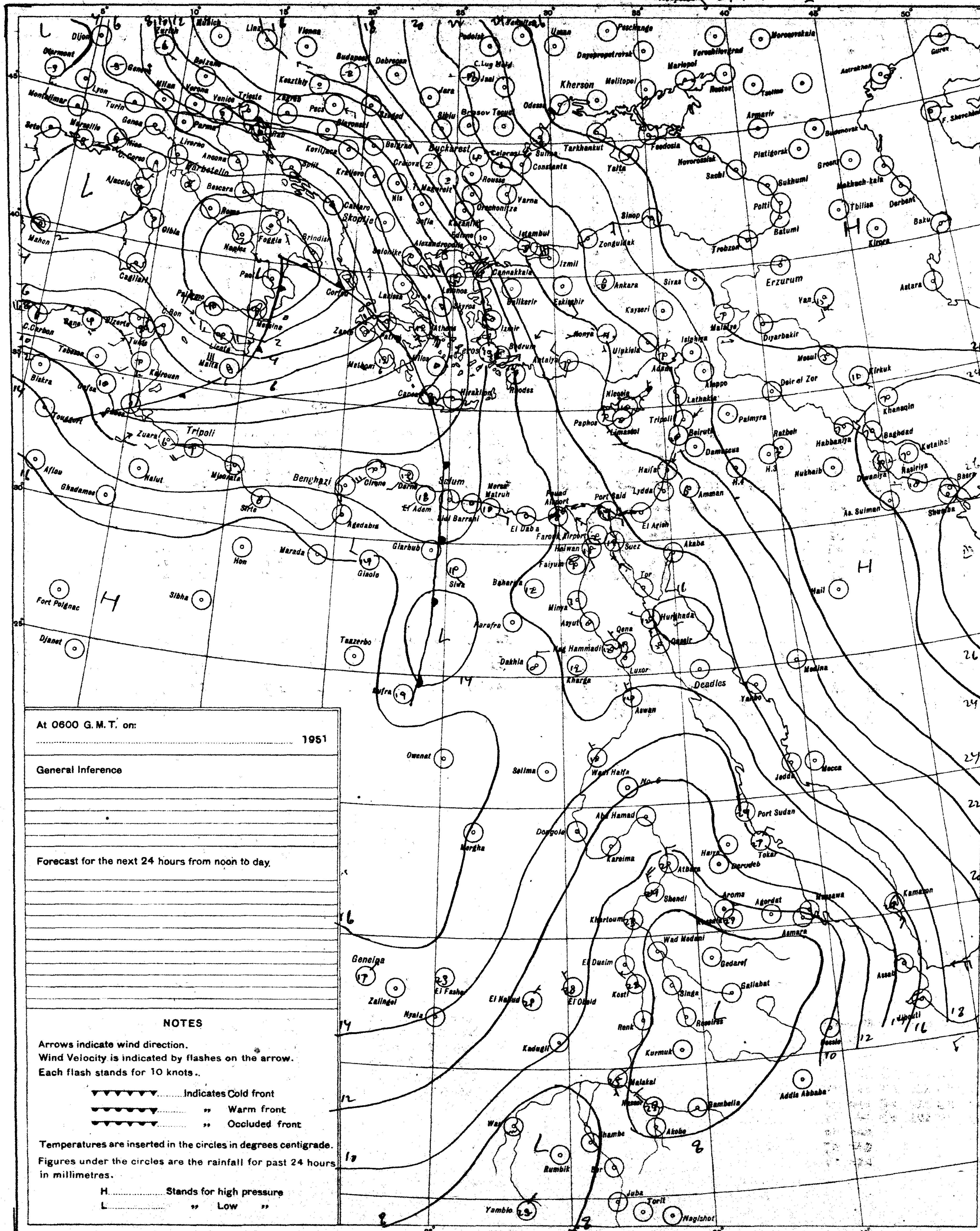
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/521)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 24.1.1952



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.......................
Cirrostratus.......................
Cirrocumulus.......................
Altocumulus.......................
Altostratus.......................
Stratocumulus.......................
Nimbostratus.......................
Cumulus or Fractocumulus.......................
Cumulonimbus.......................
Stratus or Fractostratus.......................

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 50 G. M. T.
" " Sunset 15 25 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 25th January, 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	270	9	35	00	0	1	ci	11.8	20	33	3
	308	SÎDI BARÂNI											
	306	MATRÛH	220	15	14	01	2	3	ac	13.2	19	30	1
	309	EL DABA	220	2	35	03	2	8	st		18	52	8
		ALEXANDRIA	180	5	35	04	2	5	ac cc	14.4	17	60	9
	318	FOUAD (Airport)	160	4	18	02	2	7	ac, cc	14.3	16	68	10
	330	DAMIETTA	320	2	7	03	2	8	sc	14.1	15	77	11
	333	PORT SA'ÎD	160	9	30	02	2	8	cu, as	14.3	16	88	10
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	270	5	15	02	1	8	as	13.6	15	72	10
	342	MANSURA	180	5	15	50	2	8	st	13.8	15	77	11
	348	TANTA	00	0	7	03	5	8	NS	15.0	16	68	10
	354	ZAGAZIG	00	0	50	02	2	8	st	15.1	16	77	12
	441	ISMAÎLÎA											
CAIRO AREA	366	FAROUK (Airport)	250	15	10	03	2	8	Sc	16.8	19	23	-3
	372	ALMÂZA	200	8	12	02	2	8	as	15.4	18	37	3
		EZBEKÎYA	40	4	18	02	1	8	as	16.0	17	49	6
		GÎZA	40	4	18	02	1	8	As	16.3	17	60	9
	378	HELWÂN	00	0	15	02	2	8	as	16.4	18	46	6
UPPER EGYPT	381	FAIYÛM	00	0	35	03	2	8	ci		22		
	387	MINYA	350	6	8	02	2	5	cs	15.9	22	38	7
	393	ASYÛT MANQABÂD	340	3	8	10	2	7	ac,cs	14.9	20	53	10
	399	NAG' HAMMÂDI	00	0	7	02	1	4	sc,ac	14.4	25	47	13
	402	QENA	90	2	35	02	1	7	ac	13.5	24	32	6
	405	LUXOR	340	2	30	03	2	6	cc	13.0	26	37	10
	414	ASWÂN	250	3	50	01	1	2	ci	12.4	28	16	0
OASES	417	SÎWA	250	7	12	62	6	7	ac	15.2	15	72	10
	420	BAHARÎYA	00	0	35	50	5	8	as	16.2	20	56	11
	423	FARAFRA											
	432	DAKHLA	340	11	50	02	2	5	ci	14.7	23	18	-3
	435	KHARGA	00	0	15	02	2	3	ci	13.8	26	30	7
RED SEA	450	SUEZ											
	459	TÔR	310	5	50	02	0	0	—		22	74	17
	462	HURGHÂDA	30	5	30	03	2	6	cu,cs	14.1	20	69	14
	465	QUSEIR	40	9	15	03	1	4	ac	13.3	22	57	13
	641	PORT SÛDÂN	50	12	30	02	2	1	cu	12.5	27	74	22
NORTH SÛDÂN	600	WÂDI HALFA	360	13	50	02	0	1	cs	10.1			-4
	640	ABU HAMAD	60	18		02	0	0	—		33	24	10
	660	KAREIMA											
	680	'ATBARA	30	5	30	02	0	0	—	4.6	36	18	8
	721	KHARTÛM											
	730	KASSALA	220	2	30	02	0	0	—		40	8	0
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK	310	5	35	02	0	2	cs	5.8	37	24	13
	802	ROSEIRES											
	771	EL OBEID	40	10	30	01	0	0	—	5.1	33		
	760	EL FÂSHER											
	770	GENEINA	80	7	30	03	0	2	ci		35	9	-3
S. SÛDÂN	840	MALAKÂL	250	1	30	03	0	1	ci	3.8	37	22	12
	880	WÂU	70	5	10	04	0	2	cs	2.9	38	19	11
	941	JUBA											

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	180	2	15	00	0	0	—	15.6	12	77	8	0
SÎDI BARÂNI												
MATRÛH	230	3	11	02	2	3	cs	16.4	11	71	6	0
EL DABA	00	0	7	00	0	0	—		11	77	7	0
ALEXANDRIA	220	16	35	01	2	3	ac	16.3	16	77	12	0
FOUAD (Airport)	240	13	12	03	2	8	ac ci	15.9	14	77	10	0
DAMIETTA												
PORT SA'ÎD	210	13	12	01	1	1	ac	15.8	15	72	10	0
EL 'ARISH												
DAMANHUR												
MANSURA	220	5		03	2	8	st	15.9	13	77	9	dr.
TANTA	00	0	35	03	2	6	cu	16.4	10	77	6	dr.
ZAGAZIG												
ISMAÎLÎA												
FAROUK (Airport)	200	25	12	02	2	8	as	17.9	17	34	1	0
ALMÂZA	210	15	12	02	2	8	as	17.9	17	42	4	0
EZBEKÎYA	130	6	12	50	5	8	as	17.5	16	52	6	dr.
GÎZA	130	6	12	50	5	8	as	17.4	16	49	5	dr.
HELWÂN	00	0	7	02	2	5	as	18.6	16	52	6	0
FAIYÛM												
MINYA												
ASYÛT MANQABÂD												
NAG' HAMMÂDI	270	1		02	1	5	sc,as	17.1	13	55	4	0
QENA												
LUXOR												
ASWÂN	00	0	15	00	0	0	—	14.1	22	29	3	0
SÎWA	190	6	8	02	2	7	ac	17.8	14	77	10	2
BAHARÎYA	180	2	15	02	5	8	ac	17.2	16	77	12	dr.
FARAFRA	200	1	15	02	5	8	cb	19.6	16	77	12	Rain
DAKHLA	320	8	15	00	0	0	—	17.0	19	23	-3	0
KHARGA	360	1	15	00	0	0	—	15.6	23	12	-8	0
SUEZ	180	2	35	01	0	0	—	16.0	18	73	13	0
TÔR	20	5		02	0	0	—	17.2	21	50	10	0
HURGHÂDA	00	0	12	01	2	4	sc	15.6	17			0
QUSEIR	330	13	15	01	1	0	—	14.9	20	73	15	0
PORT SÛDÂN												

At 0600 on Friday 25th January, 1952

STATION	WIND 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.	STATION
SALÛM	220	5	15	03	1	3	ac	17.8	+0.2	12	21	+2	7	-2	88	10	0	56		SALUM
SÎDI BARÂNI																				SÎDI BARÂNI
MATRÛH	170	2	18	02	0	1	ac	19.2	+1.2	6	21		4		97	6	0	108		MATRÛH
EL DABA	00	0	15	00	0	0	—			9	19		5		88	7	0	173		EL DABA
ALEXANDRIA	130	6	35	04	2	5	ci	19.2	+0.7	14	18	0	10	0			0	118	135	ALEXANDRIA
FOUAD (Airport)	180	1	12	02	1	4	ci	19.1	+1.2	10			8	-1	97	10	0	127	100	FOUAD (Airport)
DAMIETTA	220	2	7	11	1	4	ac	19.8	+2.3	9			7	-1	97	9	0	120	64	DAMIETTA
PORT SA'ÎD	260	5	12	02	0	1	ci	19.7	+1.7	13	16	-2	11	0	82	10	0	58		PORT SA'ÎD
EL 'ARISH																				EL 'ARISH
DAMANHUR	230	5		02	0	0	—	19.5	+1.3	10			8	+1	88	8	0	66	58	DAMANHÛR
MANSURA	360	3	35	00	0	0	—			10	16	-4	7	0	77	6	dr	25	27	MANSÛRA
TANTA	00	0	35	02	0	0	—	19.6	+1.1	10	16	-4	7	+1	97	10	dr.	42	21	TANTA
ZAGAZIG	00	0	35	03	0	0	—	19.6	+0.9	9			8	+2	88	7	0	20	14	ZAGAZIG
ISMAÎLÎA																				ISMAÎLÎA
FAROUK (Airport)	70	3	13	00	0	0	—	20.0		13	20		10		72	8	0	70		FAROUK (Airport)
ALMÂZA	80	3	18	04	0	1	ci	19.6	+0.8	13	19	-1	13	+4	72	9	0	58		ALMÂZA
EZBEKÎYA	00	0	12	02	1	1	ci	20.0	+1.3	13	18	-2	10	+2	72	8	dr.	50	13	EZBEKÎYA
GÎZA	00	0	12	02	1	1	ci	19.8	+1.1	9	18	-1	7	+2	82	6	0.1	46	14	GÎZA
HELWÂN	00	0	3	05	0	0	—	18.6	+0.4	13	19	0	12	+4	77	9	0	51	14	HELWÂN
FAIYÛM	00	0	35	01	1	2	cu,sc	20.1	+1.1	12			9	+3	77	8	1	19	4	FAIYÛM
MINYA	340	7	8	02	0	1	ac	18.2	-2.2	12			10	+6	88	10	dr.	dr.		MINYA
ASYÛT MANQABÂD	00	0	8	10	0	1	—	18.1	-1.9	14			13	+7	77	10	dr.	dr.		ASYÛT MANQABÂD
NAG' HAMMÂDI	00	0		02	1	7	sc,ac	17.5	-1.4	19	26	+5	10	+5	52	9	0	0.1		NAG' HAMMÂDI
QENA	320	2	15	01	1	6	cs	17.2	-1.5	17			13	+6	52	7	0	dr.		QENA
LUXOR																				LUXOR
ASWÂN	00	0	50	01	1	6	st	17.1	-1.7	19	29	+5	12	+2	37	4	0	dr.		ASWÂN
SÎWA	00	0	13	03	0	3	ac	18.3	-2.1	8	16	-4	7	+3	88	6	2	Rain	6	SÎWA
BAHARÎYA	00	0	35	02	1	3	ac	19.2	-0.6	15	22	+2	9	+4	77	11	dr.	dr.	5	BAHARÎYA
FARAFRA	20	1	35	02	2	1	cu	20.2		13			9		77	9	Rain	Rain		FARAFRA
DAKHLA	340	8	50	01	1	7	cu	17.8	-2.2	15	24	+2	10	+5	39	1	0	dr.		DAKHLA
KHARGA	00	0	15	03	2	4	as	16.4	-2.9	21	27	+4	12	+6	41	7	0	dr.		KHARGA
SUEZ	360	2	50	00	0	2	sc	19.6	+1.4	18	21	+1	10	+1	60	10	0	19	10	SUEZ
TÔR	310	2	15	02	0	0	—	17.5	-0.2	20			11	+2	73	15	0	1	9	TÔR
HURGHÂDA	220	5	30	01	1	3	sc, cs	16.7	-1.2	18	20	0	11	+2	52	8	0	0		HURGHADA
QUSEIR	330	9	15	00	0	5	ac	16.1	-1.1	20	22	-1	15	+1	56	11	0	dr.	4	QUSEIR
PORT SÛDÂN	360	10	30	02	1	3	sc, cu	15.4		25					77	21	0	Rain	89	PORT SÛDÂN
WÂDI HALFA																				WÂDI HALFA
ABU HAMAD																				ABU HAMAD
KAREIMA	50	9	30	02	0	2	ci	13.4		21					31	3	0	dr.	1	KAREIMA
'ATBARA																			2	'ATBARA
KHARTÛM	340	4	30	03	0	4	cs	10.4		23					50	12	0	0.6	4	KHARTÛM
KASSALA																			8	KASSALA
WÂD MEDANI																			12	WÂD MEDANI
RENK																			49	RENK
ROSEIRES																			36	ROSEIRES
EL OBEID																			16	EL OBEID
EL FÂSHER																			6	EL FÂSHER
GENEINA																			4	GENEINA
MALAKÂL																			88	MALAKÂL
WÂU	00	0	7	04	2	7	ac,cs	8.6		26	30		23		48	14	0	152	144	WÂU
JUBA	30	5	35	02	1	4	ci	8.0		21	38		19		74	16	0	224	145	JUBA

HUMIDITY % Mean of day

STATION	on 24th	Diff. from normal
Alexandria		
Ezbekiya	56	-11
Giza	62	-10
Helwân	54	-3

GÎZA
GRASS MINIMUM TEMP.
ON 25th °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 24th

STATION	Asyut		Kharga		Port Said		Hurghada		Minya		Siwa		El Arish		Fouad A.P.		Matruh				Minya		Almaza		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	14	320	8	340	14	90	9	340	12	280	11	200	14	220	19	280	17			160	10	200	24	190	18
600	340	21	300	10	210	17	190	6	320	22	310	12	230	23	240	31	260	15			200	15	240	26	210	10
1000	320	21	310	8	240	17	240	2	320	19	310	13	260	44	260	33	260	10			250	15	250	17	210	9
1500	320	20	330	4	250	24			320	13	250	14	250		260	27	280	14			290	20	250	19	250	8
2000	320	8			240	28					260	21			260	23										
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME			5		8		2						4	45	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			70	6	80	4	270	7					140	5	300	7					330	11	70	9
600			60	7	20	3	280	7					110	3	360	5					320	9	40	15
1000			50	8	320	9	290	5					340	1	360	3					300	3	60	3
1500							280	4					300	2	140	5					230	9	350	4
2000							310	2							200	15					150	19		
3000															280	35?								
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		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	110	10	340	6			100	5																
600	80	14					110	12			20	23	300	21	30	15	210	23					70	2
1000	90	8	360	10			100	3			30	17	50	23	30	14	140	8	00	0	80	9	70	2
1500	220	13	350	9							30	19	50	15	20	10	320	6	140	9	20	12	80	23
2000	240	12	40	9													320	5			50	13	80	32
3000	240	18									20	7	40	6	230	2	160	3	120	2	60	5		
4000	250	32																					40	8
5000	280										230	10	70	13	150	13	100	9			300	8	60	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.

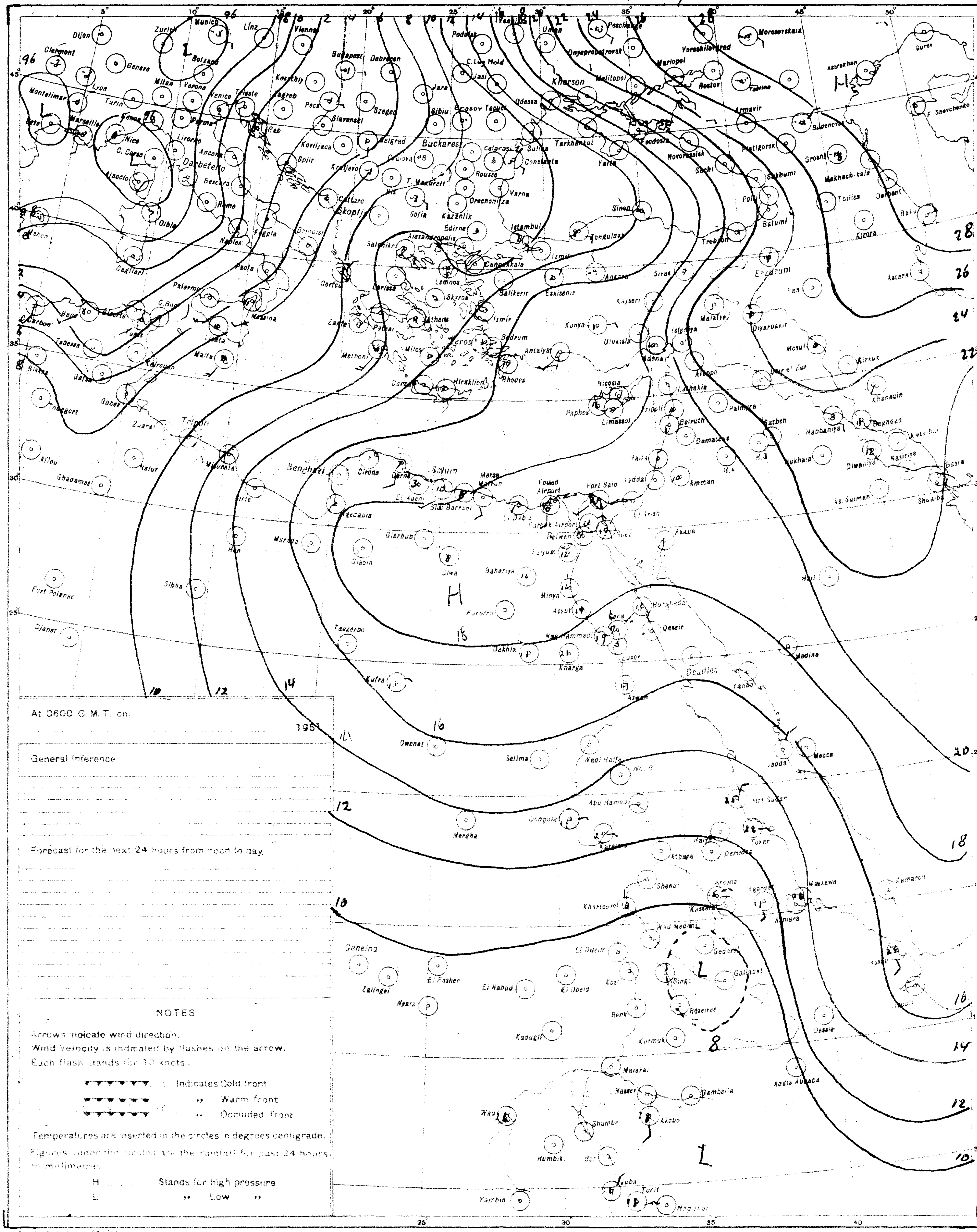
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/631)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.O.E. (543)(53/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 49 G.M.T.

" " Sunset 15 26 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date; Saturday 26th January, 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	SALÛM	70	5	35	01	0	2	Ci	16.7	17	60	9
	303	SÎDI BARÂNI											
	306	MATRÛH	60	6	30	03	0	2	Ci	18.6	18	52	8
	309	EL DABA	70	5	35	00	0	0	—		18	60	10
		ALEXANDRIA	360	5	50	00	0	0	—	19.7	18	52	8
	318	FOUAD (Airport)	320	5	18	01	0	1	Ci	19.1	19	60	11
	330	DAMIETTA	320	2	35	02	1	3	Cu	19.1	17	68	11
	333	PORT SA'ÎD	360	5	30	02	0	0	—	19.2	16	77	12
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	130	5	15	02	0	0	—	19.2	23	44	10
	342	MANSURA	40	5	35	00	0	0	—	19.7	21	50	10
	348	TANTA	130	5	35	01	1	4	Cu	18.6	20	46	8
	354	ZAGAZIG	00	0	50	02	0	0	—	18.4	21	57	12
	441	ISMA'ÎLÎA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMAZA	40	7	18	03	1	5	CS	18.1	20	41	6
		EZBEKIYA	320	4	18	02	1	2	Ci	18.8	21	35	5
		GÎZA	320	4	18	02	1	2	Ci	18.3	21	41	7
	378	HELWÂN	270	8	15	03	0	7	Ci	17.8	22	44	9
UPPER EGYPT	381	FAIYÛM	00	0	35	03	1	4	Ci	19.4	22	44	9
	387	MINYA	360	8	8	03	1	5	ac	17.3	24	50	13
	393	ASYÛT MANQABÂD	310	3	30	03	1	1	ac	16.2	26	48	14
	399	NAG' HAMMÂDI	270	1	7	00	1	0	—	16.0	29	40	14
	402	QENA	220	1	50	00	0	0	—	14.8	28	40	13
	405	LUXOR											
	414	ASWÂN	90	5	50	01	1	8	SC, Cu	13.9	29	19	3
OASES	417	SÎWA	110	3	14	02	2	3	ac	18.7	19	52	9
	420	BAHARÎYA	90	1	35	02	1	4	ac	17.4	23	61	15
	423	FARAFRA	40	2	35	02	2	3	Cu, ac	18.7	25	54	15
	432	DAKHLA	340	11	50	00	0	0	—	14.8	28	33	10
	435	KHARGA	00	0	15	01	2	1	ac	14.6	30	35	13
RED SEA	450	SUEZ	360	1	50	03	0	3	Cu	17.1	21	41	7
	459	TÔR	340	5	50	02	0	0	—	16.0	22	65	15
	462	HURGHADA	360	14	30	00	0	0	—	14.5	22	74	17
	465	QUSEIR	20	9	15	01	1	3	ac	14.9	24	84	21
	641	PORT SÛDÂN	70	15	30	03	1	1	Cu	13.8	28	70	22
NORTH SÛDÂN	600	WÂDI HALFA	50	15	30	03	1	5	ac, Ci	10.6	33	19	6
	640	ABU HAMAD	70	4	30	02	0	0	—		33	26	11
	660	KAREIMA	50	10	30	02	0	0	—	8.4	34	25	11
	680	'ATBARA	360	10	30	02	0	0	—	7.5	34	25	11
	721	KHARTÛM	20	15	30	01	1	1	CS	6.8	35	30	15
	730	KASSALA	360	1	30	03	1	3	Ci	3.6	40	32	20
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK	310	5	35	02	0	0	—	5.5	39	16	9
	802	ROSEIRES	310	2	35	02	0	0	—	4.4	40	28	18
	771	EL OBEID	50	11	30	03	0	3	CS	5.8	34	18	6
	760	EL FÂSHER	50	6	30	02	1	6	Ci		32	38	16
	770	GENEINA	60	11	30	01	2	4	Ci		33	8	-5
S. SÛDÂN	840	MALAKÂL	20	7	30	03	2	8	CS	5.0	37	20	11
	880	WÂU	70	8	10	04	2	7	CS	4.0	38	12	4
	941	JUBA	90	11	30	04	2	8	ac, CS	2.5	40	11	4

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
SALÛM	70	5	15	00	0	0	—	17.1	11			0
MATRÛH	100	5	10	01	0	0	—	19.0	10	88	8	0
EL DABA	90	1	7	00	0	0	—		13	77	9	0
FOUAD (Airport)	40	8	12	01	1	0	—	19.7	12	88	10	0
DAMIETTA	20	2	7	01	0	0	—	19.9	15	77	11	0
PORT SA'ÎD	40	6	14	02	0	0	—	20.9	15	77	11	0
DAMANHUR	230	9	7	02	0	0	—	19.8	13	88	11	0
MANSURA	20	5		00	0	0	—	20.6	14	67	8	0
TANTA	00	0	35	03	1	5	Cu	20.8	12	77	8	0
ZAGAZIG	40	2	35	02	0	0	—	20.0	14	88	12	0
FAROUK (Airport)	70	6	10	00	0	0	—	20.0	16	64	9	0
ALMAZA	40	8	12	00	0	0	—	19.2	16	68	10	0
EZBEKIYA	00	0	12	00	0	0	—	19.2	16	64	9	0
GÎZA	00	0	12	00	0	0	—	19.2	16	68	10	0
HELWÂN	360	16	7	02	0	0	—	19.0	18	46	6	0
FAIYÛM	00	0	35	01	1	2	Ci	20.0	16	59	8	0
MINYA	360	6	14	02	2	0	—	18.8	16	72	11	0
ASYÛT MANQABÂD	300	5	10	02	1	2	SC	17.8	19	73	14	0
NAG' HAMMÂDI	00	0		00	0	0	—	17.0	20	73	15	0
QENA												
LUXOR												
ASWÂN												
SÎWA	110	3	8	01	1	1	ac	18.0	16	59	8	0
BAHARÎYA	00	0	15	02	1	4	ac	18.4	17	77	13	0
FARAFRA	20	1	15	02	2	0	—	17.9	17	77	13	0
DAKHLA	320	8	35	00	0	0	—	17.5	23	24	1	0
KHARGA	00	0	15	00	0	0	—	16.8	25	28	5	0
SUEZ												
TÔR				02	0	0	—	17.5	17	42	4	0
HURGHADA	340	9	12	02	0	0	—	16.4	21	74	16	0
QUSEIR			30	01	0	0	—	15.5	25	89	23	0
PORT SÛDÂN												
WÂDI HALFA	360	11	30	01	2	2	Ci	13.4	24	38	9	0
ABU HAMAD	40	1	30	02	0	0	—				11	0
KAREIMA	10	4	30	02	0	0	—	10.9			9	0
'ATBARA	360	5	30	01	1	0	—	8.9	28	18	1	0
KHARTÛM	30	8	30	01	2	0	—	8.5	29	31	10	0
KASSALA	30	10	30	02	1	0	—	7.4	30	33	12	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	70	2	30	01	1	3		8.9	27	30	8	0
EL FÂSHER	90	5	30	02	1	0	—		26	42	12	0
GENEINA	360	4	30	02	2	3	CS		29	14	-1	0
MALAKÂL	200	1	30	02	2	6		6.4	30	43	16	0
WÂU	00	0	10	04	2	6	CS	5.2	32	29	12	0
JUBA	00	0	30	04	2	0	—	5.3	29	20	4	0

At 0600 on Saturday 26th 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	90	2	15	03	2	7	ac, Ci	15.6	-1.9	15	19	0	9	0	68	9	0	56	
SÎDI BARÂNI																			
MATRÛH	100	10	30	03	1	6	ac, CS	16.9	-1.0	11	19		9		88	9	0	10.8	
EL DABA	140	5	15	01	1	2	Cu			12	21		8				0	173	
ALEXANDRIA	90	14	35	04	1	5	ac	18.3	-0.1	11			10	0	88	9	0	118	137
FOUAD (Airport)	90	11	12	03	1	3	Sc	18.2	+0.3	10	20	+2	10	+1	97	10	0	127	102
DAMIETTA	100	2	7	11	0	2	ac	19.9	+2.5	14	19	+1	9	+1	77	10	0	120	65
PORT SA'ÎD	90	13	12	03	0	2	ac	19.4	+1.4	15	18	0	14	+3	72	10	0		
EL 'ARISH	150	3	14	00	0	0	—	19.6	+1.6	10			8		97	10	0	64	
DAMANHUR	130	9		02	0	0	—	18.6	+0.5	10	23	+3	8	+1	88	8	0	66	59
MANSURA	90	5	35	00	0	0	—	19.0	+1.4	10	22	+2	9	+2	97	10	0	25	28
TANTA	90	2	35	03	2	5	Cu	18.7	+0.3	10	21	+1	7	+1	97	10	0	42	21
ZAGAZIG	40	1	35	03	1		Cu	18.7	+0.1	11	23	+3	8	+2	88	9	0		15
ISMA'ÎLÎA																			
FAROUK (Airport)	120	9	12	03	1	0	—	18.5		16	21		12		49	5	0	70	
ALMAZA											21	+1							
EZBEKIYA	00	0	12	02	1	6	Cu, Ci	17.8	-0.8	13	22	+2	12	+4	82	10	0	50	14
GÎZA	00	0	12	02	1	6	Cu, Ci	18.3	-0.3	11	23	+4	8	+3	88	9	0	46	15
HELWÂN	00	0	15	02	2	6	ac	18.2	-1.0	13	23	+4	13	+5	77	9	0	51	15
FAIYÛM	00	0	35	02	0	0	—	19.2	+0.3	13			9	+3	77	9	0	18	4
MINYA	00	0	8	00	0	0	—	17.2	-3.2	10	24	+3	8	+4	88	8	0	dr.	
ASYÛT MANQABÂD	00	0	3	10	0	0	—	17.4	-2.6	14	26	+5	13	+7	88	12	0	dr.	
NAG' HAMMÂDI	00	0		01	1	3	Ci	17.2	-1.7	15	30	+8	10	+5	77	11	0	0.1	
QENA	40	2	15	03	1	4	Ci	17.5	-1.2	16			13	+6	68	10	0	dr.	
LUXOR	70	1	18	02	2	6	Ci	16.8	-1.9	18			12		46	6	0	dr.	
ASWÂN	20	3	50	01	1	2	Ci	16.8	-1.9	18			15	+5	46	6	0	dr.	
SÎWA	90	7	13	03	0	2	Ci	16.0	-4.4	11	19	-1	10	+6	77	7	0	7	6
BAHARÎYA	110	3	35	03	0	0	—	17.6	-2.1	16	25	+5	10	+5	68	10	0	dr.	5
FARAFRA	00	0	35	02	2	3	as	17.5		16	25		9		68	10	0	Rain	
DAKHLA	20	5	50	01	1	6	Cu	16.7	-3.3	12	29	+7	9	+4	63	5	0	dr.	
KHARGA	00	0	15	03	1	2	as	16.7	-2.6	19	30	+7	15	+9	52	9	0	dr.	
SUEZ	360	1	50	00	0	2	Cu	16.3	-1.8	14			10	+1	88	12	0	19	10
TÔR	20	2	35	02	0	0	—										0	1	9
HURGHADA	290	6	18	02	0	0	—	17.1	-0.8	17	24	+4	13	+4	64	10	0	0	
QUSEIR	330	9	15	00	0	0	—	16.0	-1.3	19			18	+4	73	14	0	dr.	4
PORT SÛDÂN	360	10	30	01	2	4	Sc	16.2		25	29		23		89	23	0	Rain	89
WÂDI HALFA	340	2	30	01	1	3	Ci	13.9		18	34		15		49	7	0	dr.	
ABU HAMAD											34								
KAREIMA	50	6	30	02	0	0	—	13.4		21	35				50	10	0	dr.	1
'ATBARA	40	8	30	01	0	0	—	11.8		22	35		19		65	15	0	0	2
KHARTÛM	30	11	30	03	0	2	Cs	10.9		22	37		19		57	13	0	0.6	4
KASSALA	40	2	30	02	0	0	—	8.4		27	41		17		42	13	0	49	8
WÂD MEDANI	90	2	35	02	0	0	—	9.4		23	38		18		61	15	0	20	12
RENK	130		35	02	1	6	Ci	10.1		23	40		18		47	11	0		49
ROSEIRES																			36
EL OBEID	340	4	30	03	0	1	Ci	10.7		21	36		19		41	7	0	18	16
EL FÂSHER	340	5	30	03	0	4	Ci			15	35		13		52	5	0	13	6
GENEINA	50	6	30	03	1	7	Cs			16	35		14		28	-3	0		4
MALAKÂL	350	3	30	02	2	8	Cs	8.6		27	39		21		37	11	0	94	88
WÂU	00	0	10	04	2	7		8.9			39		21			12	0	132	144
JUBA	90	2	30	04	1	3	Ac, Ci	9.3		24	40		20		38	9	0	224	145

HUMIDITY

Mean of day

STATION	on 25th	Diff. from normal
Alexandria	73	+7
Ezbekiya	62	-4
Gîza	67	-5
Helwân	55	-2

GÎZA

GRASS MINIMUM TEMP. ON 26th 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 25th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	164	20		60	9
950					
900					
850	1547	12		260	12
800					
700	3148	2		270	26
600					
500	5798	14		270	49
400	7451	-27		280	59
300	9453	-44		280	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 25th

Station	Matruh		Fouad A.P.		Port Said		Almaza		Minya		Asyut		Siwa		Kharga		Hurghada									
Time	14		14		14		14	15	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	100	10	30	8	340	9	40	13	30	12	340	12	110	14	50	8	330	23								
600	170	10	60	4		7	60	11	40	4	360	11	90	12	50	13	330	23								
1000	170	16	260	8	250	7	70	6	70	3	20	10	120	6	330	12	330	25								
1500	260	12	270	15	260	29	280	7	280	9	300	11	100	4	340	8	330	25								
2000	270	18	280	23	260	11	240	17	280	19	310	22	220	15												
3000			280	31			260	23			310	18	280	24												
4000													250	39												
5000													250	42												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time			8		5		2						3 30		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			120	20	100	24	90	16					80	9	130	8	360	8	10	7	330	12		
600			40	19	110	13	70	15					30	6	30	10	70	8	60	16	330	20		
1000			20	11	170	7	60	13					250	3	40	3	10	17	110	13	300	18		
1500			190	13	190	8	40	12					300	11	210	8	10	19	80	24	310	24		
2000					220	9									190	14	340	12	100	15	290	30		
3000					280	23									240	26								
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		5		4		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	130	31	30	15			50	12	60	9														
600	160	41	30	17			90	19	70	18	40	23	40	14			90	15						
1000	190	37	40	18			90	17	80	21	60	27	70	24			90	19	30	24	330	8		
1500	220	23	50	26			360	8	90	21	30	21	60	26			70	17	30	23	50	20		
2000	220	14	50	49?			360	8			30	9												
3000	230	16							110	16	50	10	60	17			360	15	70	10	100	14		
4000	220	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.

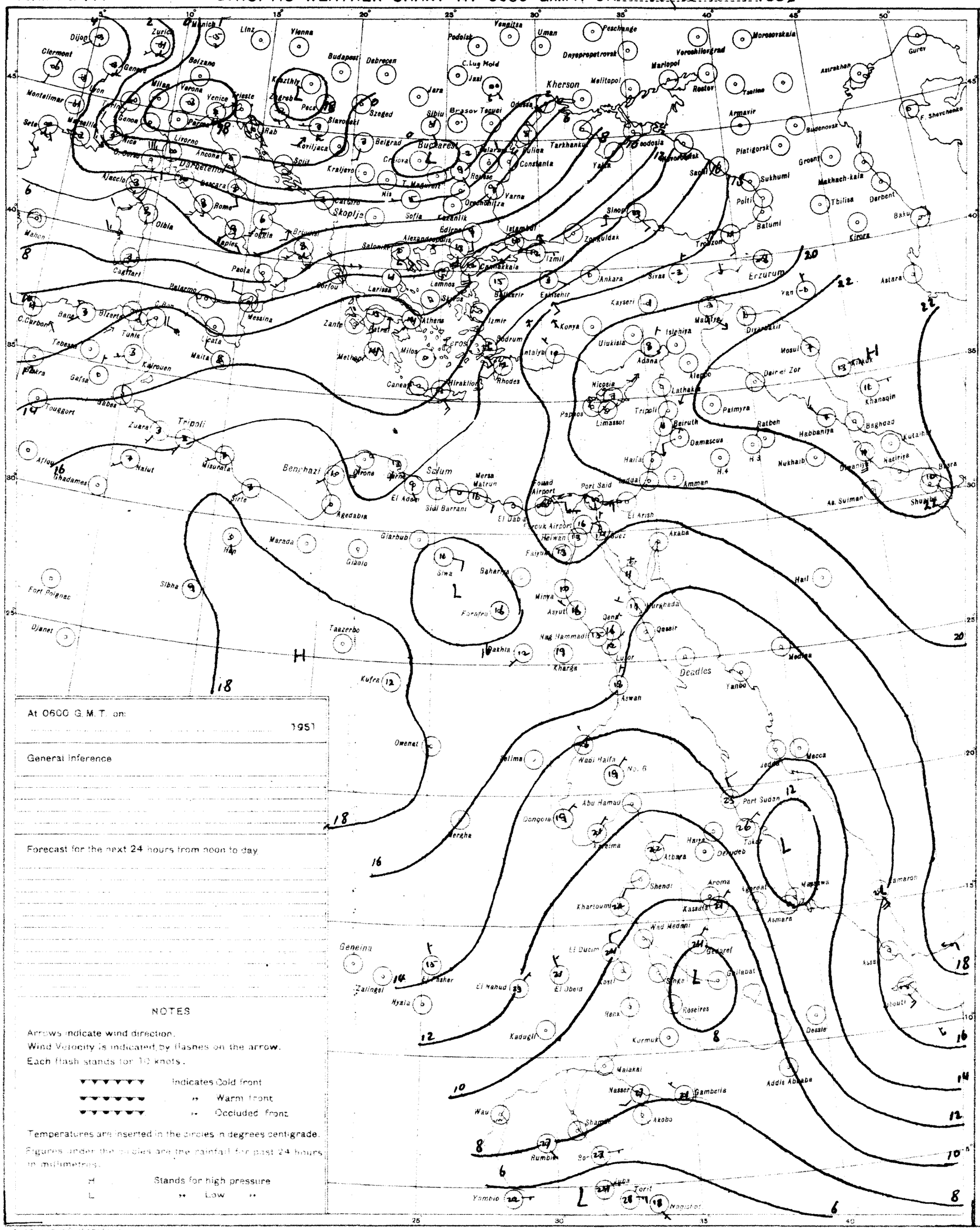
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 26 / 11 / 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

SCALE 1 : 15,000,000

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

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — WEATHER SECTION,

DAILY WEATHER REPORT

Date : Sunday 27th January, 1951

At 1200 on Saturday 26th

Area	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
Mediterranean	62300	SALŪM											
	303	SĪDI BARÂNI											
	306	MATRŪH	80	12	12	02	2	7	Cs	14.8	19	60	11
	309	EL DAB'A											
		ALEXANDRIA											
	318	FOUAD (Airport)	50	15	14	02	2	6	Cs	15.6	19	52	9
	330	DAMIETTA											
	333	PORT SA'ĪD											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHŪR											
	342	MANSŪRA	40	5	35	03	2	5	As	16.2	21	65	14
	348	TANTA											
	354	ZAGAZIG											
	441	ISMÂ'ILIA											
Cairo Area	366	FAROUK (Airport)	70	8	30	03	1	4	Cs	15.8	24	38	9
	372	ALMÂZA	20	10	15	02	0	3	Ci	15.0	24	54	14
		EZBEKĪYA	360	4	18	02	1	4	Sc, Cu	15.0	23	50	12
		GĪZA	360	4	18	02	1	4	Sc, Cu	15.2	24	47	12
	378	HELWÂN	00	0	7	02	1	3	Ci	14.3	25	47	13
Upper Egypt	381	FAIYŪM											
	387	MINYA	180	2	8	01	1	1	Ci	13.5	29	37	13
	393	ASYŪT MANQABÂD	60	3	12	02	1	2	Ci	13.8	29	35	12
	399	NAG' HAMMADI											
	402	QENA											
	405	LUXOR	350	5	30	03	1	5	Cs	13.1	26	48	14
	414	ASWÂN											
Oases	417	SĪWA											
	420	BAHARĪYA	180	2	35	02		1	3	13.8	29	52	18
	423	FARAFRA											
	432	DAKHLA											
	435	KHARGA											
Red Sea		SUEZ											
	458	TŪR	00	0	50	02	0	0	—	14.0	23	74	18
		HURGHADA											
		QUSEIR											
	641	PORT SŪDÂN	70	10	30	02	1	1	Cu, Ac	12.4	27	79	23
		WÂDI HALFA	10	10	30	02	1	2	Ci	9.6	32	24	9
		ABU HAMAD	80	4	30	03	0	2	Ci		33	30	13
		KAREIMA	40	7	30	02	0	0	—	7.0	35	27	13
		ATBARA	70	9	30	02	0	0	—	5.4	37	18	9
		KHARTŪM	40	11	30	02	0	0	—	4.7	37	20	11
		KASSALA	50	5	30	02	1	0	—	2.0	41	6	-3
		WAD MEDANI											
		RENK	310	19	50	02	1	7	Ci	7.9	31	31	12
		ROSEIRES	50	2	35	02	0	2	Ci		40	24	16
		EL OBEID	60	11	30	00	2	5					7
		EL FASHER	80	6	30	02	0	6	—		36	22	11
		GENEINA	130	9	30	02	2	8	Cs		35	13	3
		MALAKAL	150	11	30	02	2	8	Cs	2.5	39	9	1
		WAU	90	8	10	04	2	8	Cs	2.8	38	16	8
		JUBA	70	7	30	04	2	7	Cu, Cs	1.7	39	13	6

At 1800 on Saturday 26th

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
SALŪM	290	2	15	01	1	4	Cs	15.4	16	77	12	0
EL DAB'A	110	11	7	00	0	0	—				14	0
MANSŪRA	40	5		00	1	0	—	16.2	14	88	12	0
TANTA	00	0	35	01	2	2	Cu	15.0	13	77	9	0
EZBEKĪYA	40	4	12	00	0	0	—	14.3	18	64	11	0
GĪZA	40	4	12	00	0	0	—	15.4	19	64	12	0
HELWÂN	360	13	7	01	1	0	—	14.2	21	50	10	0
SĪWA	280	6	8	02	0	2	Ac	15.5	19	52	9	0
BAHARĪYA	270	2	15	02	1	0	—	14.2	21	57	12	0
FARAFRA	240	1	15	02	2	2	Cb	15.1	24	38	9	0
DAKHLA	20	5	35	00	0	0	—	15.6	25	22	2	0
KHARGA	00	0	15	00	0	0	—	14.4	24	32	6	0
TŪR	340	5		02	0	0	—	17.5	16	59	8	0
HURGHADA	00	0	12	00	0	0	—	14.7	20	78	16	0

At 0600 on Sunday 27th January, 1952

Station	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	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rain Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	340	2	15	03	2	6	Cb	18.7	+1.2	13	19	0	11	+2	77	9	0	56	
SĪDI BARÂNI																			
MATRŪH																			
EL DAB'A	40	4	15	02	1	4				15	18		11		88	13	0	173	
ALEXANDRIA	90	6	35	04	1	3	Ci	17.6	-0.8	15			14	+4	88	13	0	118	139
FOUAD (Airport)	40	7	14	02	0	3	Ci	17.5	-0.3	13			13	+4	94	12	0	127	103
DAMIETTA	40	2	15	00	0	0	—	17.8	+0.5	16			13	+5	77	12	0	120	66
PORT SA'ĪD	90	13	12	03	0	2	Ac	16.4	-1.6	15			14	+3	72	10	0	58	
EL 'ARISH	90	6	30	02		4	Sc	15.4	-2.5	16			12		88	14	1	71	
DAMANHŪR	130	5		02	0	0	—	16.3	-1.7	13			9	+2	88	11	0	66	60
MANSŪRA	360	3	35	00	0	0	—	17.0	-0.6	14	22	+2	12	+5	77	10	0	25	28
TANTA	00	0	35	03	2	7	As	16.8	-1.5	12	22	+2	10	+4	97	12	0	42	22
ZAGAZIG	40	1	35	02	0	0	—	16.0	-2.6	13			8	+2	97	13	0	20	15
ISMÂ'ILIA																			
FAROUK (Airport)	90	12	13	01	2	6	Ac, Ci	17.0		15			13		88	13	0	70	
ALMÂZA	40	17	12	02	1	5	Ac, Ci	16.0	-3.0	16			12	+3	88	14	0	58	
EZBEKĪYA	360	4	12	02	1	7	Cu, Ci	16.0	-2.5	16	24	+4	11	+3	82	13	0	50	14
GĪZA	360	4	12	02	1	7	Cu, Ci	16.3	-2.2	15	25	+6	10	+5	88	13	0	46	15
HELWÂN	40	22	7	00	2	8	Sc, Cu, Ci	15.5	-3.7	16	26	+7	13	+5	82	13	0	51	15
FAIYŪM	00	0	35	03	2	8	St	16.8	-2.1	15			13	+7	77	11	0	19	4
MINYA	00	0	14	02	2	8	Sc, Cs	15.4	-5.0	15			15	+11	68	9	0	dr.	
ASYŪT MANQABÂD	310	2	12	00	0	8	As, Cs	16.0	-4.0	18					52	8	0	dr.	
NAG' HAMMADI	00	0		03	2	7	Ac, Ci	15.6	-3.2	17			14	+9	77	13	0	0.1	
QENA	270	1	15	03	1	8	Cs	15.6	-3.0	16			14	+7	88	14	0	dr.	
LUXOR	00	0	30	03	2	4	Ac	15.6	-3.1	16			14		68	10	0	dr.	
ASWÂN	40	4	50	01	1	4	Ac	15.2	-3.5	22			16	+6	44	9	0	dr.	
SĪWA	00	0	12	03	0	2		17.6	-2.7	13	24	+4	12	+8	82	10	0	Rain	6
BAHARĪYA	20	4	35	02	2	7	Cs	16.7	-2.9	15	30	+10	15	+10	77	11	0	dr.	5
FARAFRA	220	1	15	02	2	8	St	17.4		18	29		16		52	8	0	Rain	
DAKHLA	340	14	7	04	2	8	Cu	17.1	-2.8	18	31	+9	12	+7	20	-5	0	dr.	
KHARGA	00	0	15	03	2	8	As	15.2	-4.0	21	32	+9	18	+12	50	10	0	dr.	
SUEZ	310	1	50	00	0	2	Cu	14.8	-3.3	18			10	+1	83	15	0	19	10
TŪR	00	0	50	02	0	0	—	14.0	-3.7	18	23	+2	12	+3	73	13	0	1	9
HURGHADA	200	6	30	03	2	5	Sc	13.0	-4.9	19	23	+3	16	+7	68	13	0	0	
QUSEIR	360	5	15	00	0	7	Ac	13.5	-3.7	20			18	+4	64	13	0	dr.	4
PORT SŪDÂN	340	1	30	02	2	6	Sc	12.3		25	29		22		79	21	0	Rain	89
WÂDI HALFA	360	3	30	01	0	0	—	13.9		17	35				52	7	0	dr.	
ABU HAMAD	40	5	30	03	0	2	Ci			21	35		18		57	12	0		
KAREIMA																			1
ATBARA	10	9	30	01	1	3	Cs	10.5		22	38		19		61	14	0	0	2
KHARTŪM	20	4	30	03	0	5	Cs	9.6		22	38		20		50	11	0	0.6	4
KASSALA																			8
WÂD MEDANI																			12
RENK	130	2	35	02	1	3										9	0		49
ROSEIRES																			36
EL OBEID	360	10	30	03	0	7	Cs	9.5		22	35		19		31	4	0	18	16
EL FÂSHER	00	0	30	03	1	5	Ci			16	36		13		49	5	0	13	6
GENEINA	50	10	30	02	2	8	Cs			22	37		18		25	1	0		4
MALAKAL																			88
WAU	130	2	10	04	2	8	Ac, Cs	8.4		23	40		21		53	13	0	152	144
JUBA	60	0	30	04	0	8	Cs	7.5		27	40		20		33	9	0	224	145

	26th	
[illegible]	82	+16
[illegible]	63	-3
[illegible]	68	-4
[illegible]	57	0

27th 11.3

UPPER AIR OBSERVATIONS

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.
1000						1000					
950						950					
900						900					
850						850					
800						800					
700						700					
600						600					
500						500					
400						400					
300						300					

UPPER WIND OBSERVATIONS on 26th

Station	Asyut		Matruh		Kharga		Siwa		Minya		Minya	
Time	14		14		14		14		14		21	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	170	7	90	17	50	3	260	13	200	7	210	15
600	190	6	150	12	70	5	280	14	190	9	210	24
1000	200	10	200	17	60	4	300	20	190	9	210	23
1500	240	21	220	17			270	21	170	8	240	21
2000	270	15	240	14			260	28				
3000	280	22	240	25								
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 27th

Station	Sidi Barani		Matruh		[illegible]		Port Said		[illegible]		[illegible]		[illegible]		[illegible]		Tor		Aswan		Hurghada	
Time			8		2		8						2		8		8		8		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.
300			70	6	60	19	90	22					10	7	310	10	320	9	50	5		
600			60	7	80	16	110	13					30	7	330	7	340	13	50	4	320	11
1000			60	11			140	10					30	4	310	10	310	15			300	14
1500			30	9			290	4					20	16	300	28	330	13			290	15
2000			320	9			280	9							290	27					270	19
3000							290	17							300	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																	
Height m.	Dir.	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	260	30			360	14																
600	70	15	270	32			360	15									90	1						
1000	90	11	280	16			330	10									220	2						
1500	70	10	280	30			320	29									70	13						
2000	20	10	290	33																				
3000	290	20																						
4000	320	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.

Note: All times are G.M.T.

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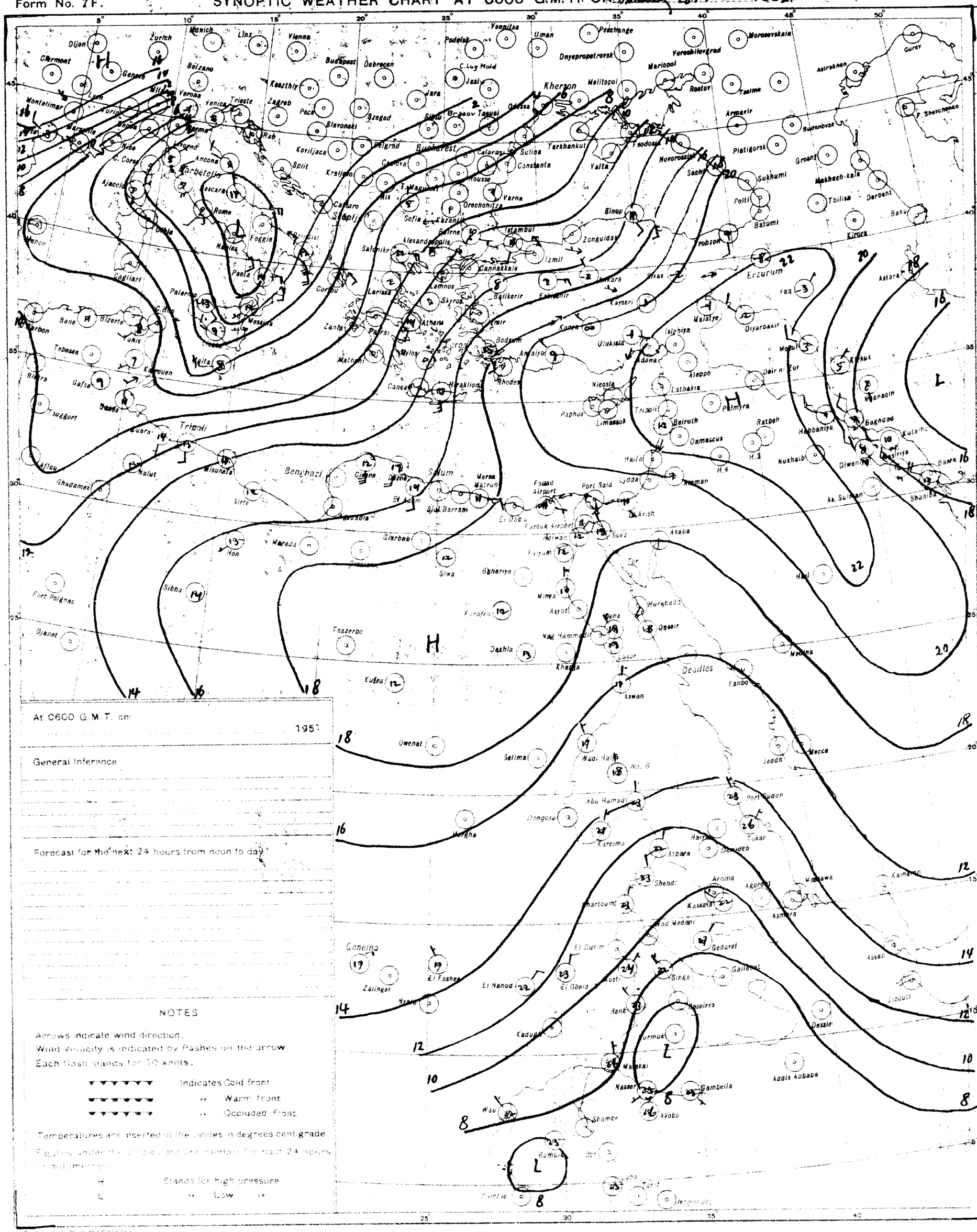
Annual Subscription [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 28/1/1952



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 underlined are those recorded for past 24 hours (estimated).

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
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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

SCALE 1:15,000,000

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

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

Form 7F

DAILY WEATHER REPORT

Date: Tuesday 29th January, 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	220	9	35	03	2	7	as, Cs	15.1	23	46	10
	303	SIDI BARANI											
	306	MATRUH	120	5	18	02	2	5	Cs	17.6	22	36	6
	309	EL DABA	110	7	35	01	1	3	Cu		17	68	11
		ALEXANDRIA	40	14	50	03	2	5	Cs	18.0	17	68	11
	318	FOUAD (Airport)	80	11	18	02	2	7	Sc, Ci	18.1	18	60	10
	330	DAMIETTA	110	5	35	03	1	6	Ac		17	77	13
	332	PORT SAID											
	336	EL ARISH											
Lower Egypt	339	DAMANHUR											
	342	MANSURA	20	5	35	03	2	6	As	18.6	19	64	12
	348	TANTA	40	5	35	03	2	5	As	17.8	20	64	13
	354	ZAGAZIG	40	1	50	02	1	6	Sc	16.7	19	73	14
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	70	14	30	02	2	5	Cs	17.6	19	64	12
	372	ALMAZA	20	9	14	01	2	5	Cs	16.4	19	52	9
		EZBEKIYA	360	4	18	02	1	6	Ci	16.8	20	53	10
		GIZA	360	4	18	02	1	6	Ci	16.7	20	56	11
	378	HELWAN	360	13	35	02	2	6	Ci		21	33	4
Upper Egypt	381	FAIYUM	00	0	35	01	1	2	Ci	16.7	22	36	6
	387	MINYA	10	5	8	01	1	2	Ci	15.6	24		
	393	ASYUT MANQABAD	350	4	18	02	1	1	Ci	15.3	24	32	6
	392	NAG HAMMADI	00	0	7	00	0	0	—	14.8	25	61	17
	402	QENA	290	2	50	00	0	0	—	13.9	26	42	12
	405	LUXOR											
	414	ASWAN	340	3	50	00	0	0	—	12.7	29	9	-7
Oases	417	SIWA	140	3	14	02	1	4	Cc	18.4	21	50	10
	420	BAHARIYA											
	423	FARAFRA	00	0	35	02	2	3	As	17.1	26	37	10
	432	DAKHLA	360	11	50	00	0	0	—	16.0	26	18	0
	435	KHARGA	360	2	15	00	0	0	—	15.1	26	37	10
Red Sea	450	SUEZ	360	2	50	03	0	3	Cb	14.8	21	41	7
	459	TOR	310	2	50	02	0	0	—	14.7	18	46	6
	463	HURGHADA	360	8	30	02	1	2	Ci	14.0	22	69	16
	465	QUSEIR	360	19	15	02	0	0	—	13.8	22	74	17
	641	PORT SUDAN											
Northern Sudan		WADI HALFA											
		ABU HAMAD											
	660	KAREIMA	10	13	30	02	0	0	—	9.4	34	13	2
		ATBARA	360	16	7	07	0	0	—	6.6	34	19	7
	721	KHARTUM	10	15	30	02	0	1	Ci	5.5	36	20	10
	730	KASSALA	20	7	30	02	0	0	—	3.0	36	17	7
Central Sudan	751	WAD MEDANI											
	801	RENK	210	9	35	02	2	4	Ci				
	802	ROSEIRES											
		EL OBEID	30	11	30	02	0	2	Ci	5.8	35	13	3
	760	EL FASHER											
		GENEINA	110	4	30	03	1	7	Cs		35	13	3
Southern Sudan		MALAKAL	20	8	30	02	2	8		3.7	38	18	10
		WAU	50	9	10	04	0	2	Cu	2.6	40	13	7
		JUBA	30	2	30	04	2	8	Ac, Cs	1.5			5

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	250	5	15	02	1	4	Ac	15.0	12	94	11	0
SIDI BARANI												
MATRUH												
EL DABA	00	0	30	00	0	0	—		13	88	11	0
ALEXANDRIA	90	4	35	00	0	0	—	18.4	15	77	11	0
FOUAD (Airport)												
DAMIETTA	70	5	7	00	0	0	—	18.6	16	77	12	0
PORT SAID	50	10	14	01	0	0	—	16.8	15	82	12	0
EL ARISH												
DAMANHUR	40	5		02	0	0	—	17.6	13	77	9	0
MANSURA	360	3		00	1	0	—	18.3	14	88	12	0
TANTA	00	0	35	03	2	5	Ac	17.2	13	67	7	0
ZAGAZIG	40	1	35	02	1	0	—	17.4	15	88	13	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA	30	4	12	01	0	0	—	17.6	15	94	14	0
EZBEKIYA	00	0	12	00	0	0	—	17.4	15	77	11	0
GIZA	00	0	12	00	0	0	—	17.9	14	88	12	0
HELWAN	20	13	15	01	1	4	Ci	17.4	16	68	10	0
FAIYUM	00	0	35	01	0	0	—	17.9	15	68	9	0
MINYA	00	0	8	00	1	0	—	16.6	13	67	7	0
ASYUT MANQABAD	260	3	10	01	1	1	Ci	16.2	18	30	0	0
NAG HAMMADI	00	0		00	0	0	—	15.5	19	52	9	0
QENA	290	2	7	00	0	0	—	14.6	20	46	8	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	14.6	22	21	-1	0
SIWA	120	6	8	01	1	2	Ci	17.5	18	00	10	0
BAHARIYA	00	0	15	02	1	0	—	17.5	16	59	8	0
FARAFRA	00	0	15	02	2	1	Cu	17.6	19	37	4	0
DAKHLA	320	8	35	00	0	0	—	17.4	20	24	-1	0
KHARGA	00	0	15	00	0	0	—	16.2	21	27	1	0
SUEZ	310	2	35	01	0	0	—	16.0	16	77	12	0
TOR	340	2		02	0	0	—	16.0	15	59	7	0
HURGHADA	340	4	12	00	1	0	—	14.7	20	64	13	0
QUSEIR	360	9	15	02	0	0	—	14.8	20	64	13	0
PORT SUDAN	20	5	30	02	0	1	Sc	12.9	25	79	21	0
WADI HALFA	360	4	30	01	0	0	—	13.6	23	27	3	0
ABU HAMAD	360	3	30	02	0	0	—		26	17	-1	0
KAREIMA	340	1	30	02	0	0	—	11.7	25	19	0	0
ATBARA												
KHARTUM	360	9	30	02	0	0	—	7.3	29	27	8	0
KASSALA	20	9	30	02	0	0	—	6.7	29	37	13	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	6	30	01	0	0	—	7.4	28	16	0	0
EL FASHER	40	3	30	01	2	5	Cs		26	21	2	0
GENEINA	10	6	30	02	2	7	Cs		29	11	-5	0
MALAKAL	00	0	30	01	2	8	Cs	4.8	31	33	13	0
WAU	00	0	10	04	2	7	Cs	3.8	32	28	11	0
JUBA												

At 0600 on Tuesday 29th January, 1952

Station	Wind 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	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	270	5	15	03	2	7	As, Cs	15.0	-2.4	16	24	+5	13	+4	68	10	0	56	
SIDI BARANI																			
MATRUH	180	12	18	02	2	7	Ac	15.5	-2.2	14			12		59	6	0	108	
EL DABA	00	0	14	03	2	6	Sc, Cu			16	18		8		59	8	0	173	
ALEXANDRIA	130	8	7		4			17.6	-0.8	12	20	+2	11	+1	88	10	0	118	143
FOUAD (Airport)	00	0	0.09	44	4	9	St	17.3	-0.5	9			8	-1	97	9	0	127	105
DAMIETTA	110	2	0.8	42	4	1	Ac	16.7	+0.5	12	19	+1	8	0	97	12	0	120	68
PORT SAID	360	3	14	02	0	1	Ci	17.9	-0.1	15	19	+1	14	+3	97	14	0	58	
EL ARISH	180	3	30	01	1	2	Ci	17.1	-0.7	13			9		88	11	0	71	
DAMANHUR	180	2	0.12	45	4	9	St	18.0	+0.1	9	21	+1	7	0	97	9	0	66	61
MANSURA	140	3	15	28	4	0	—	18.2	+0.8	9	21	+2	8	+1	88	7	0	25	29
TANTA	00	0	7	05	2	8	As	17.6	-0.5	8	20	0	5	-1	97	8	0	45	22
ZAGAZIG	00	0	3	10	4	0	—	17.9	-0.5	11	22	+2	6	0	88	9	0	20	15
ISMAILIA																			
FAROUK (Airport)	60	4	0.05	47	4	9	St	18.7		8			7		97	8	0	70	
ALMAZA	60	6	0.05	48	4	9	St	18.4	-0.5	8	20	0	7	-2	97	8	0	58	
EZBEKIYA	00	0	0.13	04	4	9	St	18.4	0.0	10	21	+1	9	+1	94	9	0	50	14
GIZA	00	0	0.13	04	4	9	St	18.0	-0.3	10	21	+2	7	+2	88	8	0	46	15
HELWAN	00	0	3	10	0	1	Ci	18.3	-0.7	10	22	+3	8	0	88	8	0	51	15
FAIYUM	00	0	7	03	4	2	Ci	18.5	-0.2	9	24	+3	6	0	88	7	0	19	4
MINYA	00	0	8	00	0	4	—	17.6	-2.7	8	25	+4	6	+2	88	6	0	dr.	
ASYUT MANQABAD	270	3	5	10	0	7	Cs	18.1	-1.7	11	25	+4	10	+4	88	9	0	dr.	
NAG HAMMADI	00	0		02	1	7	Sc, Ac	16.8	-1.8	12	27	+5	9	+4	77	8	0	0.1	
QENA	320	2	15	00	0	8		16.6	1.9	14	27	+4	12	+5	55	5	0	dr.	
LUXOR																			
ASWAN	360	4	50	01	1	3	Ci	16.6	-2.0	18	30	+6	14	+4	28	-1	0	dr.	
SIWA	100	4	12	03	0	5	Sc	17.2	-3.0	13	23	+3	12	+8	72	8	0	Rain	6
BAHARIYA	360	2	35	02	0	0	—	18.8	-0.7	13	26	+5	8	+3	67	7	0	dr.	5
FARAFRA	00	0	35	02	2	3	As	18.2		13	28		8		55	4	0	Rain	
DAKHLA	00	0	50	00	0	0	—	18.0	-1.9	12			9	+4	55	3	0	dr.	
KHARGA	00	0	15	00	0	0	—	17.6	-1.5	16	27	+4	11	+5	49	5	0	dr.	
SUEZ	360	1	50	00	0	4	Cu, As	17.4	-0.6	11	25	+5	9	0	94	10	0	19	10
TOR	360	2	35	02	0	0	—	15.4	-2.2	15	23	+2	11	+2	48	4	0	1	9
HURGHADA	280	11	30	03	0	4	Ci	14.6	-3.3	16	22	+2	12	+3	45	4	0	0	
QUSEIR	310	13	15	00	0	3	Ac	13.8	-3.2	17	23	0	16	+2	60	9	0	dr.	4
PORT SUDAN	340	12	30	03	2	6	Cu, Sc	12.9		24	29		21		77	20	0	Rain	90
WADI HALFA	330					0	—	16.5		14	31		13		42	1	0	dr.	
ABU HAMAD	120	10	30	02	0	0	—			20	34		18		23	-3	0		
KAREIMA	20	6	30	02	0	0	—	13.0		18	35		15		30	0	0	dr.	1
ATBARA	360	7	30	02	0	0	—	11.8		21	35		18		31	3	0	0	2
KHARTUM	360	12	30	03	0	1	Ci	11.2		21	37		18		35	5	0	0.6	4
KASSALA											38								8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID											36								16
EL FASHER											35								6
GENEINA											37								4
MALAKAL	20	5	30	03	2	8	Cs	9.5		26	39		21		23	3	0	44	88
WAU	310	1	7	04	0	3	Ci	9.2		23	40		21		44	10	0	152	144
JUBA	180	3	30	04	1	7	Ac	8.2		25	41		19		22	2	0	224	145

HUMIDITY
Max. ... on 28th

Station	28th	Diff. from normal
Alexandria	82	+16
Ezbekiya	77	+11
Giza	80	+9
Helwan	72	+16

GIZA
On 29th 6.3

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

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

Remarks

UPPER WIND OBSERVATIONS on 28th

Height m.	Siwa (14) Dir.	Vel.	Kharga (14) Dir.	Vel.	Minya (14) Dir.	Vel.	Dakhla (14) Dir.	Vel.	P. Said (14) Dir.	Vel.	P. Said (20) Dir.	Vel.
300	230	8	10	19	10	4	350	10	30	16	60	19
600	140	8	10	21	340	10	350	9	40	13	80	14
1000	180	10	360	21	310	12	340	12	30	10	70	13
1500	180	9			330	10	10	10	90	10	80	5
2000	200	8			300	14			50	3		
3000	280	23							150	2		
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 29th

Height m.	Sidi Barani Dir.	Vel.	Matruh (5) Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said (8) Dir.	Vel.	El Arish Dir.	Vel.	Helwan? (7) Dir.	Vel.	[illegible] (8) Dir.	Vel.	Manqabad? (8) Dir.	Vel.	Luxor Dir.	Vel.	Aswan (8) Dir.	Vel.	Hurghada? (8) Dir.	Vel.	Almaza (8 15) Dir.	Vel.
300			250	19			90	12			360	2	350	4	340	3			10	12	330	13	100	12
600			240	8			100	10			70	8	350	15	360	16			10	17	320	20	80	5
1000			260	9			80	12			340	4	340	16	340	16			20	11	310	16	220	2
1500			260	8			340	11			300	7	330	11	350	20					320	15	320	2
2000			260	15			270	15			320	10	330	17	350	25							300	11
3000											320	18	300	26	310	27							280	25
4000															310	23							280	23
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa (8) Dir.	Vel.	Bahariya (8) Dir.	Vel.	Dakhla (8) Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad (4) Dir.	Vel.	Kareima (5) Dir.	Vel.	Khartum (5) Dir.	Vel.	Kassala (5) Dir.	Vel.	El Obeid (4) Dir.	Vel.	El Fasher (5) Dir.	Vel.	Malakal (4) Dir.	Vel.
300	300	17	60	11	40	4																		
600	310	16	60	12	30	5					30	25	30	19	20	27							30	38
1000	310	15	60	6	30	9					30	16	30	23	30	28			40	34	320	7	30	
1500	320	20	20	5							20	15	30	19	10	22	10	23	40	22	60	19	60	4
2000	310	23	360	3											350	13					70	34	90	5
3000											30	11	10	19	360	13	310	9	50	13	110	11	120	5
4000											160	19			350	17								
5000																	290	12						
6000																	330	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.

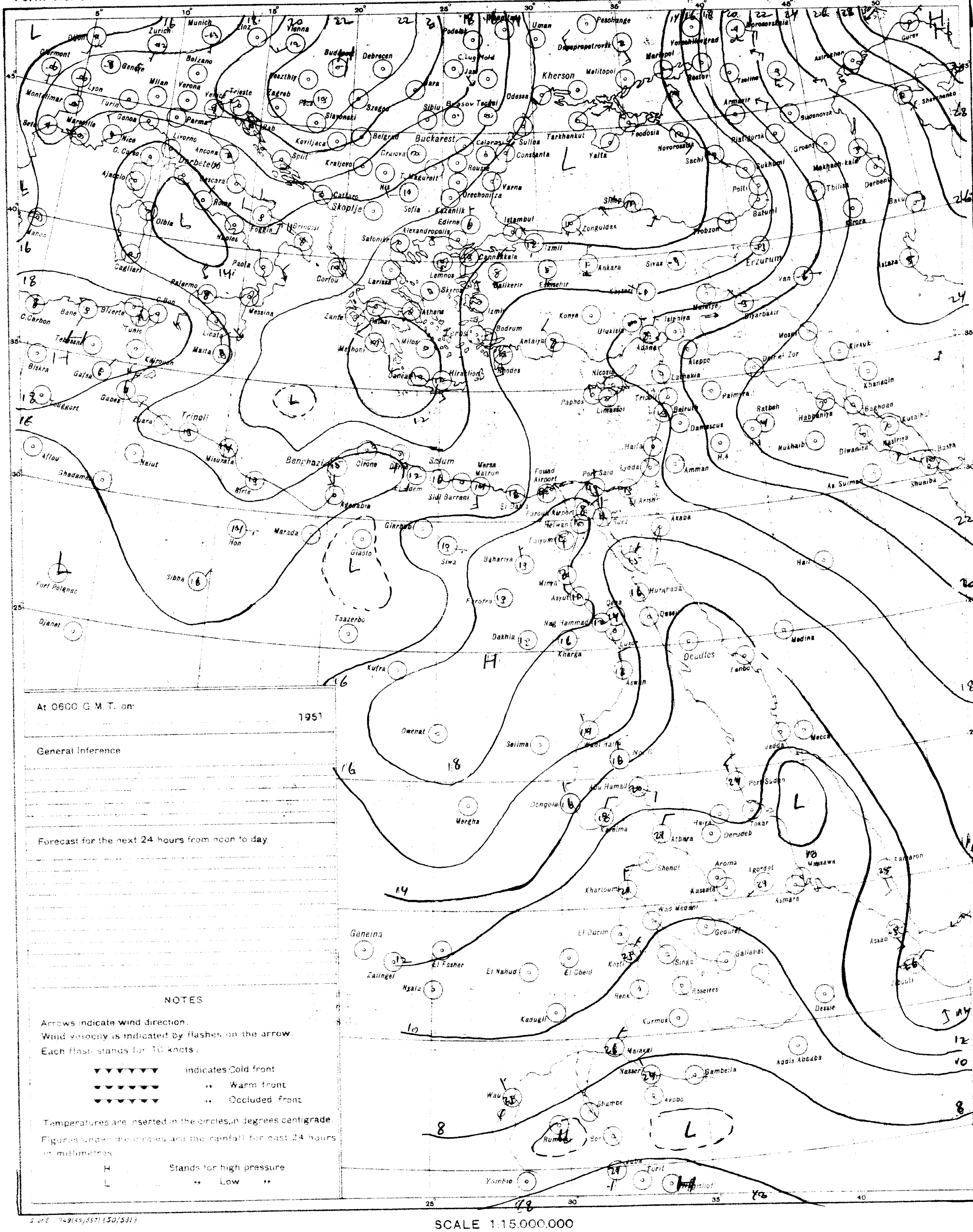
Note: All times are G.M.T.

Printed by the Survey of Egypt

Annual Supplement ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 29/1/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 949(49/557) (50/531)

CAIRO
Time of Sunrise 04 47 G.M.T.
" " Sunset 15 30 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 30th January 1952

1251

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	SALÛM	250	5	35	02	2	8	as		22	44	9
	303	SÎDI BARÂNI											
	306	MATRÛH	250	2	13	02	2	8		14.2	18	60	10
	309	EL DABA	00	0	35	03	2	8	Sc		22	44	9
		ALEXANDRIA	130	5	35	03	2	7	Sc,ac	15.9	17	83	14
	318	FOUAD (Airport)	150	3	18	02	4	8	Sc,ac	15.9	18	68	12
	330	DAMIETTA	140	2	7	03	1	7	Sc	16.7	18	83	15
	333	PORT SA'ID	10	4	18	03	0	6	ac	16.4	19	73	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	180	5	15	02	1	6	ac	16.0	19	64	12
	342	MANSURA	90	5	35	03	2	8	ac	15.8	19	64	12
	348	TANTA	00	0	35	03	2	8	ac	16.2	19	73	14
	354	ZAGAZIG	00	0	50	02	4	8	ci,c	15.1	18	73	13
	441	ISMAÎLIA											
Cairo Area	366	FAROUK (Airport)	40	8	30	03	2	7	ac	15.8	23	44	13
	372	ALMÂZA	320	5	15	03	1	5	Ci	15.1	21	50	10
		EZBEKIYA	360	6	18	02	1	8	Cs	15.1	20	64	13
		GÎZA	360	6	18	02	1	8	Cs	15.9	20	64	13
	378	HELWÂN	00	0	3	03	1	7	ac,Cs	15.6	19	52	9
Upper Egypt	381	FAIYÛM	00	0	35	02	1	2	Ci	16.2	21	50	10
	387	MINYA	320	4	10	02	1	4	Ci	15.6	23	27	3
	393	ASYÛT MANQABÂD	280	6	12	02	2	7	Cs	15.5	23	38	8
	399	NAG' HAMMÂDI	270	1	7	02	1	6	Sc,Cu	14.7	24	54	14
	402	QENA	270	1	50	01	1	5	Sc	13.3	27	20	2
	405	LUXOR											
	414	ASWÂN											
Oases	417	SÎWA	280	10	14	02	1	4	ac	16.7	20	56	11
	420	BAHARÎYA	20	2	35	02	0	6	Cs	15.6	25	47	13
	423	FARAFRA	00	0	35	02	2	3	ac	16.4	25	28	5
	432	DAKHLA	00	0	50	03	2	6	Cu	15.4	27	27	6
	435	KHARGA	360	2	15	01	2	6	ac	14.8	26	30	7
Red Sea	450	SUEZ	360	2	50	01	0	2	Cu	14.8	21	41	7
	459	TÛR	360	9	50	02	0	0	—	12.7	21	37	12
	462	HURGHADA											
	465	QUSEIR	360	13	15	03	1	5	ac	13.6	24	54	14
	641	PORT SÛDÂN	40	17	30	01	1	2	Cu,ac	10.5	28	70	22
North Sudan	639	WÂDI HALFA	360	17	30	03	1	4	Ci	12.2	29	17	1
	640	ABU HAMAD	360	5	30	02	0	0	—		32	6	-10
	660	KAREIMA	50	12	30	02	0	0	—	9.8	32	9	-5
	680	'ATBARA	350	10	30	02	0	0	—	7.1	32	24	9
	721	KHARTÛM	20	10	30	03	0	6	Cs	6.8	33	24	10
	730	KASSALA	20	4	30	02	0	0	—	5.5	36	15	6
Central Sudan	751	WÂD MEDANI	50	5	35	02	0	0	—	5.0	35	18	7
	801	RENK	310	9	35	02	0	2	Ci	5.3	37	17	8
	802	ROSEIRES	310	3	35	02	0	0	—	5.2	37	33	18
	771	EL OBEID	30	12	30	03	0	2	Ci	7.0	33	7	-7
	760	EL FÂSHER	50	9	30	03	1	5	Cs		33	13	1
	770	GENEINA	70	8	30	02	2	7	Cs		34	9	-4
S. Sudan	840	MALAKÂL	20	14	30	02	2	8	Cs	4.2	37	11	1
	880	WÂU	20	8	10	04	0	7	Cs	3.8	37	13	5
	941	JUBA	20	5	15	04	2	6	ac,Cs	2.5	39		

At 1800 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.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	250	5	15	02	1	5	As	14.0	18	78	14	0
SÎDI BARÂNI												
MATRÛH	140	2	10	02	2	8	Cs	15.3	16	77	12	0
EL DABA	00	0	7	03	1	8	Ns		16	88	14	0
ALEXANDRIA	130	9	35	00	0	0	—	15.2	16	68	10	0
FOUAD (Airport)												
DAMIETTA	40	2	7	02	1	5	Ac	16.6	16	88	14	0
PORT SA'ID												
EL 'ARISH												
DAMANHUR	180	5		02	0	0	—	15.8	14	72	9	0
MANSURA	90	3		00	1	0	—	15.5	17	77	13	0
TANTA	00	0	35	03	2	8	as	15.2	16	68	10	0
ZAGAZIG	00	0	35	02	2	0	—	15.6	16	77	12	0
ISMAÎLIA												
FAROUK (Airport)												
ALMÂZA												
EZBEKIYA	00	0	12	02	1	8	Ci	15.2	17	77	13	0
GÎZA	00	0	12	02	1	8	Ci	16.3	16	77	12	0
HELWÂN	00	0	3	02	2	8	ac	15.6	18	60	10	0
FAIYÛM	00	0	35	02	1	2	Ci	15.5	16	77	12	0
MINYA	00	0	8	03	2	5	Ci	15.4	16	59	8	0
ASYÛT MANQABÂD	50	3	10	02	1	4	Cs	15.3	19	37	4	0
NAG' HAMMÂDI												
QENA	340	1	15	01	1	5	Sc	14.3	20	64	13	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	13.4	22			0
SÎWA	280	4	8	01	2	3	ac	17.2	18	73	13	0
BAHARÎYA	00	0	15	02	2	0	—	16.6	18	52	8	0
FARAFRA	00	0	15	02	2	0	—	16.6	19	46	7	0
DAKHLA	320	8	35	00	0	0	—	16.9	21	26	1	0
KHARGA	00	0	15	00	0	0	—	15.4	19	23	-3	0
SUEZ	310	2	35	01	0	0	—	14.8	18	46	6	0
TÛR	00	0		02	0	0	—	15.2	14	55	5	0
HURGHADA	340	12	12	00	2	0	—	13.4	17	68	11	0
QUSEIR	330	13	15	01	1	0	—	13.3	20	56	11	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 Wednesday 30th January 1952

Station	Wind 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	00	0	7	61	6	8					22					14	Rain	Rain	
SÎDI BARÂNI	190	3	10	61	6	8							14			13	4		
MATRÛH	270	1	10	61	6	8	as	13.7	-3.9	14	21		14		94	13	1	109	
EL DABA	00	0	15	03	2	8	Ns			15	23		10		88	13	0	173	
ALEXANDRIA	130	6	35	04	1	8	as	13.8	-4.5	15	19	+1	11	+1	77	11	0	118	144
FOUAD (Airport)	170	4	12	02	2	7	As,Cs	13.5	-4.3	14			13	+4	88	12	0	127	107
DAMIETTA	160	2	7	03	2	8	Sc	14.7	-2.5	16	20	+2	11	+3	88	14	0	120	69
PORT SA'ID																			
EL 'ARISH																			
DAMANHUR	130	5	7	02	1	8	ac	13.4	-4.4	14	20	0	8	+1	88	12	0	66	62
MANSURA	90	5	15	03	2	8	Sc,Cu	14.2	-3.2	14	22	+2	12	+5	88	12	0	25	29
TANTA	00	0	35	03	2	7	Ns	13.4	-4.6	14	20	0	8	+2	88	12	0	45	23
ZAGAZIG	00	0	35	03	1	4	Cu	13.5	-4.9	14	20	0	10	+4	88	12	0	20	15
ISMAÎLIA																			
FAROUK (Airport)	00	0	12	01	2	4	Sc,ac	14.5		15			13		88	9	0	70	
ALMÂZA	200	13	12	02	1	5	Sc,ac	14.0	-4.9	14			12	+3	97	14	0	58	
EZBEKIYA	00	0	12	02	1	4	ac	14.2	-4.1	15	21	+1	13	+5	68	9	0	50	14
GÎZA	00	0	12	02	1	4	ac	14.4	-3.9	14	21	+2	9	+4	88	12	0	46	15
HELWÂN	00	0	7	01	2	7	ac,Cs	14.0	-5.0	15	20	+1	14	+6	59	7	0	51	15
FAIYÛM	00	0	15	03	1	2	Ci	14.5	-4.2	15	24	+3			77	9	0	19	4
MINYA	170	1	8	02	2	6	ac,Ci	14.3	-6.0	13	23	+2	10	+6	67	7	0	dr.	
ASYÛT MANQABÂD	170	2	8	10	0	7	Cs	14.4	-5.5	14	24	+3	13	+7	48	3	0	dr.	
NAG' HAMMÂDI	00	0		02	1	6	Sc,Cu	14.7	-3.9	15	26	+4	10	+5	68	9	0	0.1	
QENA	320	2	15	03	1	7	ac	13.8	-4.6	18	27	+4	13	+6	49	7	0	dr.	
LUXOR	00	0	30	01	0	2	Cs	13.1	-5.4	15			13		45	3	0	dr	
ASWÂN	00	0	50	03	2	5	as	13.9	-4.7	18	30	+6	15	+5	20	-5	0	dr.	
SÎWA	100	5	12	02	2	7	ac	14.0	-6.2	15	22	+2	14	+10	68	9	0	Rain	6
BAHARÎYA	20	0	35	02	2	7	ac	14.7	-4.7	14	26	+5	14	+9	77	10	0	dr.	5
FARAFRA	40	1	35	02	2	4	Sc,ac	13.9		12	27		8		55	3	0	Rain	
DAKHLA	320	8	50	01	1	6	Cu	14.0	-5.8	13	29	+7	10	+5	36	-2	0	dr.	
KHARGA	00	0	15	03	1	6	ac	14.2	-4.9	16	26	+3	14	+8	49	5	0	dr.	
SUEZ	00	0	50	00	0	1	Cu	12.9	-5.0	14	24	+4	10	+1	52	4	0	19	10
TÛR	00	0	50	02	0	0	—	12.8	-4.8	16	24	+3	12	+3	42	3	0	1	9
HURGHADA	260	10	30	03	2	1	Cs	12.3	-5.6	19	22	+2			23	-3	0	0	
QUSEIR	310	13	15	00	0	5	as	12.8	-4.2	18	24	+1	11	-3	46	6	0	dr.	4
PORT SÛDÂN	360	9	30	01	1	1	Sc,Cu	12.4		24	28		21		79	20	0	Rain	90
WÂDI HALFA	220	2	30	03	2	5		12.5		13	30		12		34	-3	0	dr.	
ABU HAMAD	200	3	30	02	2	8	Cs			20	32		17		19	-4	0		
KAREIMA	20	6	30	02	0	0	—	11.2		19	33		13		24	-2	0	dr.	1
'ATBARA	50	4	30	02	0	0	—	9.8		21	33		16		35	5	0	0	2
KHARTÛM	10	8	30	02	0	0	—	9.9		21	35		17		31	3	0	0.6	4
KASSALA	70	3	30	02	0	0	—	7.9		25	36		18		54	15	0	49	8
WÂD MEDANI	50	9	35	02	0	0	—	9.6		22	37		19		74	17	0	20	12
RENK	300	12	35	02	1	2	Ci	12.9		21	38		15		35	5	0		49
ROSEIRES	40	10	35	02	0	0	—	11.0		23	39		16		47	11	0	92	36
EL OBEID	10	5	30	02	0	0	—	10.5		20	33		15		21	-3	0	18	16
EL FÂSHER	360	3	30	03	0	2	Ci			14	34		12		34	-2	0	13	6
GENEINA	50	5	30	02	2	7	Cs			17	36		14		22	-5	0		4
MALAKÂL	20	18	30	01	1	0	—	8.1		25	39		20		18	-1	0	94	88
WÂU	08	0	10	04	2	6		7.1		22	37				47	10	0	152	144
JUBA	310	2	10	04	1	7	ac,Cs	5.6		27	40		22		40	12	0	224	145

HUMIDITY

Mean % of day

Station	on 29th	Diff. from normal
Alexandria	72	+6
Ezbekiya	80	+15
Giza	79	+8
Helwân	70	+14

GÎZA GRASS MINIMUM TEMP. ON 30th 9.7 °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

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT — On 3 At 10.2					
1000	122	21		240	4
850					
900					
850	1505	10		280	17
800					
700	3095	0		280	38
600					
500	5729	-15		280	58
400	7383	-27		280	50
300	9397	-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 29th

Height m.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Kharga Dir.	Kharga Vel.	Dakhla Dir.	Dakhla Vel.	Port Said Dir.	Port Said Vel.	Matruh Dir.	Matruh Vel.	Siwa Dir.	Siwa Vel.	Hurghada Dir.	Hurghada Vel.	P. Said Dir.	P. Said Vel.
Time	14		14		14		14		14		14		14		14		20	
300	350	8	320	12	10	10	300	8	30	4	260	11	320	10	340	28	70	12
600	330	10	340	13	20	23	310	8			260	12	350	10	300	24	100	7
1000	310	13	350	8	20	21	350	7	90	2	270	13	360	10	310	13	150	3
1500	280	7	360	11			330	12			290	12	310	16			210	12
2000	300	16	310	19			350	22					310	21				
3000			320										300	45				
4000													290	37				
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 30th

Height m.	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.	Almaza Dir.	Almaza Vel.
Time							2		6		7 15		8		8		8		8		8		2	
300							100	16	150	8	270	2	320	2	20	3	20	3	30	5	340	19	260	12
600							100	8	180	6	240	6	300	3	30	4	30	4	60	10	320	18	260	12
1000							230	9	200	6	280	10	300	17	330	8	10	4	40	13	280	7	270	20
1500									230	8	270	13	300	24	340	16	350	9	30	15	270	5		
2000									240	24			320	26	340	33	360	30	360	10	160	10		
3000									270	25			260	31	250	21	250	13						
4000															290	26	300	26						
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.	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	8		8		8		8		4		4		5								5			
300	90	26	200	3	130	8	40	10	50	10														
600	100	23	200	4	130	11	50	12	70	15	70	21	40	13										
1000	110	18	200	8	110	8	40	5	60	15	60	17	40	14							360	8		
1500	140	19	200	10	100	12	60	9	60	17	30	16									70	20		
2000	200	18	210	11																				
3000	220	44	210	10					50	15											50	10		
4000	210	29																						
5000									320	13														
6000																								
7000																								
8000																								

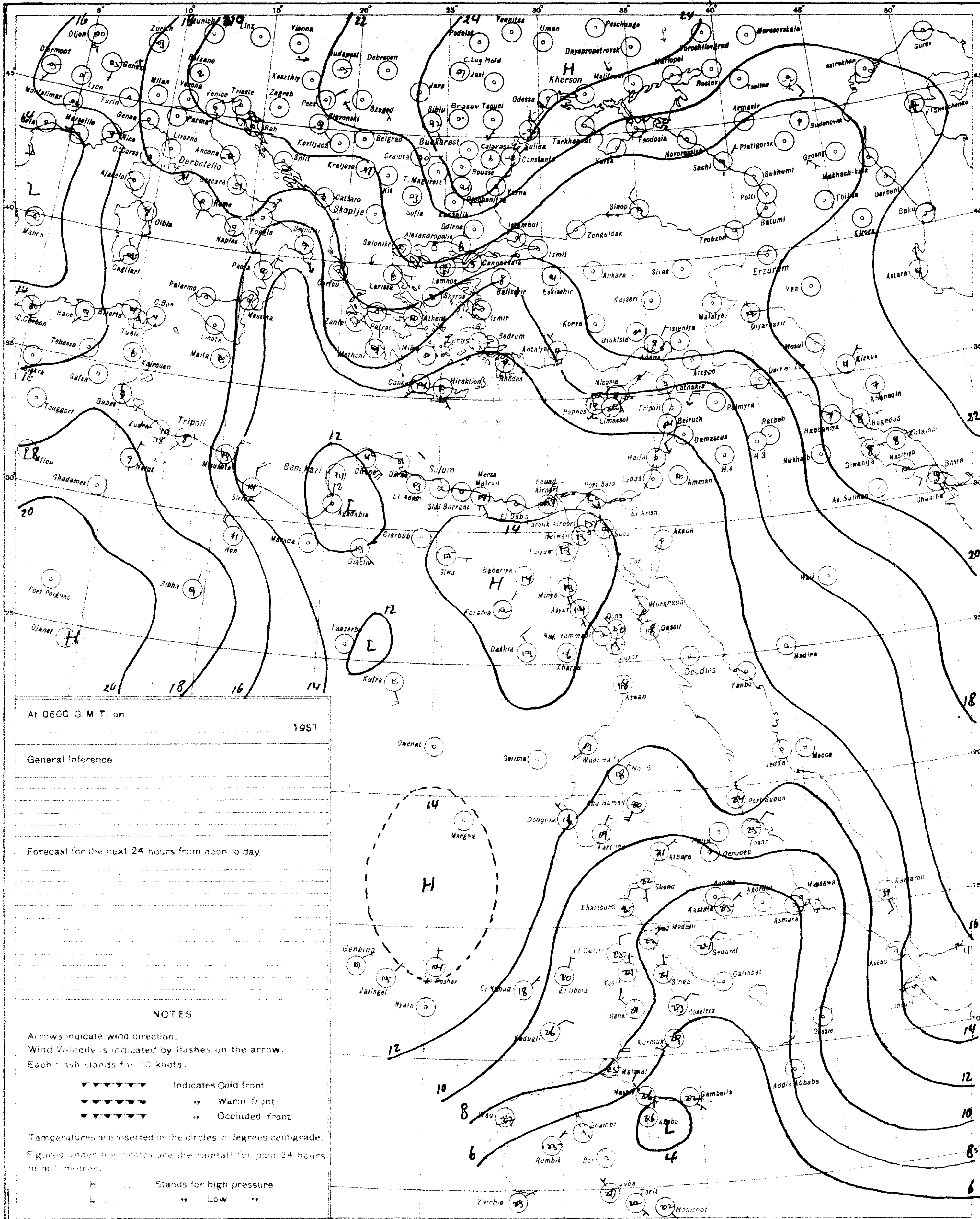
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Wednesday 30/1/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 949(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, — WEATHER SECTION, — EGYPT

Form 7F.

LIBRARY MAR 28 1952 WEATHER BUREAU

DAILY WEATHER REPORT

Date : Thursday 31st January, 1951

At 1200 on Wednesday 30th / At 1800 on Wednesday 30th

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	SALUM	90	5	35	03	2	8	St	10.8	18	88	16	40	5	15	01	2	5	Sc	10.6	16	94	15	0
	303	SIDI BARANI												80	12	14	01	1	1	Sc	10.4	16	88	14	dr.
	306	MATRUH																							
	309	EL DABA			35	03	2	8	St		18	73	13	140	2	7	03	2	6	Sc, Cu		15	88	13	2
		ALEXANDRIA	130	9	7	03	2	6	Ac	12.3	17	77	13	220	4	35	03	6	7	Ns	13.0	16	68	10	1
	318	FOUAD (Airport)	10	7	18	01	2	7	Sc, Ac	11.9	19	56	10												
	330	DAMIETTA	70	5	35	01	1	4	Cb	12.3	18	88	16	110	5	7	03	1	6	Ac	13.8	17	77	13	0
	333	PORT SAID	80	5	18	01	2	5	Ac	12.9	18	73	13												
	336	EL ARISH	30	4	30	01	2	8	Ac	11.9	17	77	13												
Lower Egypt	339	DAMANHUR	40	5	15	02	1	4	Ac	12.4	22	53	12												
	342	MANSURA	40	5	35	03	2	5	Ac	12.7	24	38	9	90	3			2	6	Ac	12.7	16	77	12	0
	348	TANTA	00	0	35	01	1	4	Cu	12.8	23	44	10	00	0	35	03	5	6	Ns	11.9	18	60	10	Rain
	354	ZAGAZIG	00	0	50	01	1	2	Cu	12.7	24	47	12	00	0	35	02	5	8	St	13.3	19	83	16	0
	441	ISMAILIA																							
Cairo Area	366	FAROUK (Airport)												00	0	35					13.3	17	68	11	0
	372	ALMAZA	290	6	15	02	0	3	Ci	12.0	25	34	8	340	3	12	02	5	6	As	13.1	18	83	15	1
		EZBEKIYA	270	6	18	02	1	6	Ci	12.2	26	35	9	00	0	12	50	5	7	Ac	13.1	19	84	12	dr.
		GIZA	270	6	18	02	1	6	Ci	12.4	27	33	9	00	0	12	50	5	7	Ac	13.8	17	77	13	0.1
	378	HELWAN	00	0	15	03	1	5	Ac, Ci	12.2	24	32	6	360	5	3?	02	5	8	Ns, As	13.2	20	56	11	dr.
Upper Egypt	381	FAIYUM	00	0	35	02	1	2	Ci	13.1	25	34	8	00	0	35	02	1	2	Ci	13.3	17	68	11	0
	387	MINYA	00	0	8	02	2	8	Ci	12.2	24	38	9	360	4	8	03	2	8	Ac	12.8	17	60	9	0
	393	ASYUT MANQABAD	00	0	30	01	2	6	Ac, Cs	11.8	26	35	9												
	399	NAG HAMMADI	00	0		03	2	8	Ns, Ac	11.8	23	61	15												
	402	QENA	270	1	35	02	1	7	Sc	11.6	23	38	8	290	1	7	02	1	7	Sc	12.0	19	52	9	0
	405	LUXOR																							
	414	ASWAN	20	3	50	03	2	5	As	10.3	29	9	-7												
Oases	417	SIWA	130	11	14	03	0	5	Cu, Sc	11.4	23	36	7	110	6	8	02	1	2	Sc	10.0	20	41	6	0
	420	BAHARIYA	320	1	35	02	2	7	Cs	13.4	24	54	14	180	2	15	02	2	6	Ac	10.7	21	50	10	0
	423	FARAFRA	90	1	35	02	2	7	Cb	13.8	27	33	9	90	2	15	02	2	8	Cb	11.5	22	38	7	0
	432	DAKHLA	20	5	50	01	2	6	Cu		27	20	2	320	8	35	00	0	0	—	13.3	22	21	-1	0
	435	KHARGA	00	0	15	02	2	8	Ac	11.9	26	37	10	00	0	15	01	2	6	Ac	12.4	22	21	-1	0
Red Sea	450	SUEZ	180	1	50	03	0	2	Cu	11.8	23	69	17												
	459	TOR	290	2	50	02	0	0	—	10.6	23	50	12	00	0		02	0	0	—	12.2	20	73	15	0
	462	HURGHADA	10	11	30	02	0	4					12	360	9	15	01	1	3	Ci	11.8	21	57	12	0
	465	QUSEIR	20	9	15	03	2	6	As	10.7	23	50	12												
	641	PORT SUDAN																							
N. Sudan		WADI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA																							
	680	ATBARA																							
	721	KHARTUM																							
	700	KASSALA																							
Central Sudan	751	WAD MEDANI																							
	801	RENK																							
	802	ROSEIRES																							
		EL OBEID																							
		EL FASHER																							
		GENEINA																							
S. Sudan	840	MALAKAL																							
	880	WAU																							
	941	JUBA																							

At 0600 on Thursday 31st January 1952

Wind 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
270	5	15	03	2	5	Cu, Sc	8.0	-9.3	15	19	0	12	+3	77	11	0	56		SALUM
130	7	14	02	6	7	Ac	8.3		14	19		14		88	12	0.1	99		SIDI BARANI
90	8	15	03	1	7	Acc	9.7	-7.8	15			12		88	13	1	110		MATRUH
140	3	15	03	2	6	Sc, Cu			15	21		14		88	13				EL DABA
110	9	50	03	8	8	Cu, Sc	11.4	-6.8	15	22	+4	12?	+2	77	11	1	119	145	ALEXANDRIA
90	14	8	60	6	7	St, Ac	11.4	-6.4	15			13	+4	82	12	2	129	108	FOUAD (Airport)
140	2	7	02	6	6	Sc	13.8	-3.3	16			13	+5	97	16	1	121	70	DAMIETTA
140	4	11	03	2	7	Ac	13.4	-4.5	16			15	+4	83	13	0.5	59		PORT SAID
160	6	30	50	5	7	Cb	13.5	-4.3	14			12		88	12	dr.	71		EL ARISH
130	9	7	02	6	6	Ac	12.4	-5.3	14			9	+2	88	12	0.1	66	62	DAMANHUR
140	5	15	03	5	6	Sc, Cu	12.8	-4.5	14	25	+5	12	+5	88	12	dr.	25	29	MANSURA
90	2	7	03	6	8	Ns	11.6	-6.4	14	24	+4	12	+6	88	12	2	47	23	TANTA
140	1	35	03	5	6	Cu	12.4	-5.9	14	26	+6	10	+4	88	12	1	21	15	ZAGAZIG
																			ISMAILIA
120	16	14	02	2	5	Ac	12.3		18			14		64	11	1	71		FAROUK (Airport)
110	16	12	03	0	6	Ac	12.3	-6.6	17	25	+5	14	+5	68	11	2	60		ALMAZA
00	0	12	50	5	7	Ac, Ci	11.8	-6.5	17	27	+7	14	+6	77	13	dr.	50	14	EZBEKIYA
00	0	12	50	5	7	Ac, Ci	12.6	-5.6	14	28	+9	11	+6	88	12	0.3	47	15	GIZA
70	15	7	01	2	7	Ac, Ci	12.0	-6.9	20	25	+6	15	+7	46	8	dr.	51	15	HELWAN
00	0	35	03	2	8	Ns	11.5	-7.1	16	26	+5	13	+7	59	8	dr.	19	4	FAIYUM
150	5	8	02	2	7	Ac	10.8	-9.5	16	24	+3	13	+9	59	8	dr.	dr.		MINYA
10	9	8	10	0	8	Ac	11.4	-8.4	20			16	+10	56	11	0	dr.		ASYUT MANQABAD
00	0		01	1	4	Sc, Ac	14.4	-4.1	16			13	+8	68	10	0	0.1		NAG HAMMADI
360	1	15	02	1	7	St	14.3	-4.0	16	23	0	12	+5	59	8	0	dr.		QENA
360	8	30	03	0	3	As	13.3	-5.1	15			13		48	4	0	dr.		LUXOR
00	0	50	01	1	5	Ac	13.4	-5.2	19			16	+6	37	4	0	dr.		ASWAN
270	3	13	02	2	5	Ac	10.2	-9.9	14	23	+3	14	+10	77	10	0	Rain	6	SIWA
130	3	35	20	5	8	As	11.6	-7.7	17	26	+5	16	+11	60	9	dr.	dr.	5	BAHARIYA
220	3	35	02	3	8	Cb	11.8		18	28		15				0	Rain		FARAFRA
20	8	50	01	1	7	Cu	12.4	-7.4	15	28	+6	12	+7	39	1	0	dr.		DAKHLA
00	0	15	03	2	7	Ac	12.8	-6.2	19	27	+4	15	+9	46	7	0	dr.		KHARGA
40	1	50	00	0	3	Sc	13.8	-4.1	13			9	0	77	9	0	19	10	SUEZ
90	2	15	00	0	7	As	13.5	-4.0	18	25	+4	12	+3	73	13	0	1	9	TOR
290	1	30	03	1	5	Sc	12.7	-5.2	20	24	+1	16	+7	41	6	0	0		HURGHADA
310	9	15	00	0	5	Ac	13.0	-3.9	20			13	-1	41	6	0	dr.	4	QUSEIR
																		90	PORT SUDAN
																			WADI HALFA
																			ABU HAMAD
																		1	KAREIMA
																		2	ATBARA
																		4	KHARTUM
																		8	KASSALA
																		12	WAD MEDANI
																		49	RENK
																		36	ROSEIRES
																		16	EL OBEID
																		6	EL FASHER
																		4	GENEINA
																		88	MALAKAL
																		144	WAU
																		145	JUBA

Humidity — Mean of day

Station	on 30th	Diff. from normal
Alexandria	73	+7
Ezbekiya	59	-6
Giza	77	+6
Helwan	50	-6

GIZA — Grass min. temp. on 31st 10.2

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 30th

Station			Almaza		Minya		Asyut		Siwa		Dakhla		Kharga		S. Barani		Hurghada		P. Said	
Time			14	15	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.
300			340	5	10	8	290	6	110	31	140	5	40	17	120	10	350	17	350	5
600			330	4	20	8	350	7	120	30	140	6	40	10	140	10	360	12	350	3
1000			260	4	30	7	30	8	140	30	150	4	30	10	90	5	330	10	270	3
1500			320	18	40	5	20	14	180	41	140	10			220	17	300	16	280	12
2000			290	30			270	13	210	35	150	11			220	30			280	31
3000			280	33			260	27	200	30										
4000							250	18	220	40										
5000							280	45												
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 31st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		8				8		8		7	30	2		8		8	15	8		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	210	16	30	23			120	12	190	14	120	31	140	2	210	7	140	4	10	5	320	6	110	11
600	230	15	90	16			130	15	170	8	170	27	190	6	210	20	140	11	80	11	310	5	90	19
1000	230	19	110	15			130	15	120	7	200	18	200	19	230	20	130	12	90	8	00	0	90	14
1500	230	16	230	17			140	14	250	21	190	24	200	22	260	25	150	4	90	15	280	10	190	17
2000	250	30	250	19			160	[illegible]	250	30	210	29			280	26	20	6	70	6	280	20	220	16
3000	220	37							270	25	250	26			280	27	310	8			280	22		
4000											260	40			270	22								
5000											260	50												
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																	
Height m.	Dir.	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	16	130	19	130	16	80	7																
600	300	16	120	24	130	28	140	17																
1000	240	44	120	36	140	25	150	19																
1500	220	15	120	50	170	20	160	16																
2000	230	30	120	61	170	15																		
3000	250	54																						
4000	250	61																						
5000	250	43																						
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.

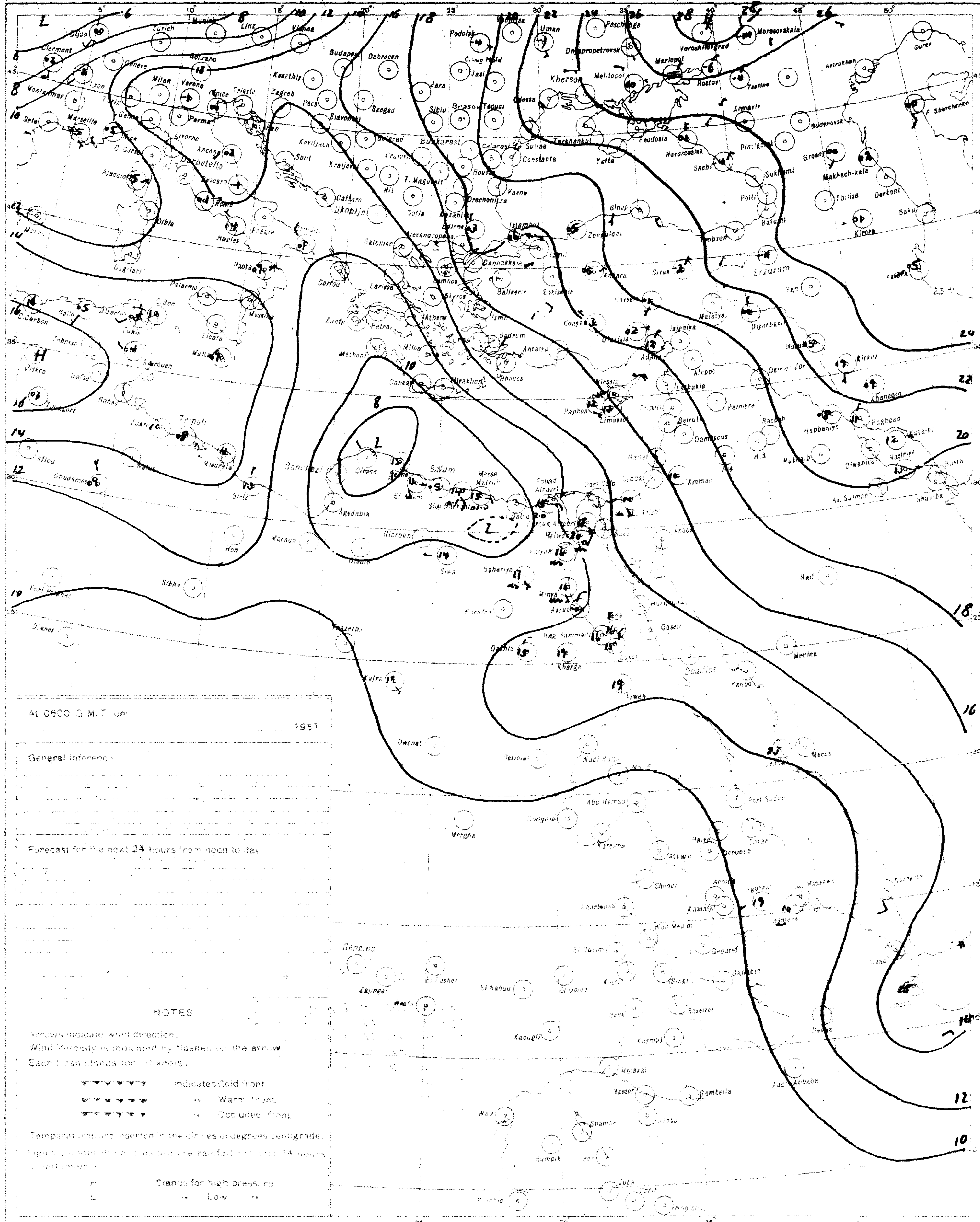
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,557 L(50/53))

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 31.1. 1954



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 last 24 hours in millimetres.

H	Stands for high pressure
L	" Low "

SCALE 1:15.000.000

S.P.E. 1942.49.551 (50,537)

CAIRO
Time of Sunrise 04 46 G. M. T.
" " Sunset 15 31 G. M. T.

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

Form 7 F.

LIBRARY APR 21 1952 WEATHER BUREAU

DAILY WEATHER REPORT

Date: Friday 1st February, 1952

At 1200 on Thursday 31st Jan.

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	13	35	01	1	1	ac	6.6	20	56	11
	303	Sîdi Barâni	240	8	30	02	1	2	ac	6.6	21	57	12
	306	Matrûh	200	6	30	01	2	2	ac	7.6	22	41	8
	309	El Dab'a	220	2	35	00	0	0	—		25	42	11
		Alexandria	130	16	35	04	5	6	NS	8.6	20	64	13
	318	Fouad (Airport)											
	330	Damietta	110	5	7	03	6	8	cu.Sc	11.4	18	83	15
	333	Port Saîd	90	11	14	02	6	8	ac	11.7	17	83	14
	336	El 'Arish											
Lower Egypt	339	Damanhur	130	13	15	02	1	3	ac	9.1	22	65	15
	342	Mansura	90	5	35	03	5	7	Sc,Cu	10.8	21	65	14
	348	Tanta	130	5	35	03	5	8	NS	9.8	21	74	16
	354	Zagazig	40	2	50	02	1	6	Cu	10.6	20	83	17
	441	Ismailîa											
Cairo Area	366	Farouk (Airport)	200	7	12	01	2	8	ac,cs	11.5	25	54	15
	372	Almâza	200	8	12	02	2	7	Sc,ac	10.5	26	48	14
		Ezbekiya	90	4	18	50	5	8	Ci	9.9	26	40	11
		Gîza	90	4	18	50	5	8	Ci	10.7	27	37	11
	378	Helwân	160	9	7	02	5	8	NS	10.2	26	37	10
Upper Egypt	381	Faiyûm	00	0	35	02	5	8	NS	10.6	23	50	12
	387	Minya	160	3	8	02	6	8	ac	10.4	22	53	12
	393	Asyût Manqabâd	80	5	6	10	2	8	ac	10.6	24	47	12
	399	Nag' Hammâdi	00	0	7	02	1	7	Sc,ac	11.0	30	40	15
	402	Qena	20	1	35	03	1	8	St	11.2	25	42	11
	405	Luxor	290	3	30	03	2	6	Cs	10.2	28	25	5
	414	Aswân	40	3	50	03	2	4	as	9.3	32	20	6
Oases	417	Sîwa	260	7	14	01	2	5	Cu,Sc	10.6	20	56	11
	420	Baharîya	180	2	35	50	5	8	ac	10.6	26	48	14
	423	Farafra	130	1	35	02	2	8	Cb,as	10.8	27	27	6
	432	Dakhla	20	11	50	01	2	5	Cu	10.4	32		
	435	Kharga	00	0	15	02	2	5	ac	9.6	32	17	4
Red Sea	450	Suez	130	1	50	03	0	4	ac	11.2	22	25	1
	459	Tôr	40	5	35	02	0	0	—	12.4	23	50	12
	462	Hurghada	120	5	18	03	2	8	ac	11.3	23	69	17
	465	Quseir	20	9	15	03	2	7	ac	11.3	23	61	15
	641	Port Sudân											
Northern Sudan	[illegible]	Wâdi Halfa											
	640	Abu Hamad											
	660	Karema											
	680	Atbara											
	721	Khartum											
	730	Kassala											
Central Sudan	751	Wâd Medani											
	801	Renk											
	802	Roseires											
	771	El Obeid											
	790	El Fasher											
	7?0	Geneina											
Southern Sudan	340	Malakal											
	920	Wau											
	941	Juba											

At 1800 on Thursday 31st Jan.

Station	Wind Direction	Wind Velocity in knots	Visibility 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	5	15	00	0	0	—	7.2	16	77	12	0
Sîdi Barâni	230	8	18	01	0	0	—	7.6	15	83	12	0
Matrûh	250	2	12	03	2	6	ac	8.7	15	83	12	0
El Dab'a	00	0	7	03	2	6	Sc,Cu		15	88	13	0
Alexandria	130	11	35	03	5	5	ac,Ci	9.0	19			dr.
Fouad (Airport)												
Damietta	90	5	3	02	6	8	Cu,Sc	11.1	17	88	15	0
Port Saîd												
El 'Arish												
Damanhur												
Mansura	220	5	3	03	5	7	St	10.6	17	88	15	dr.
Tanta	00	0	35	03	5	8	NS	11.0	18	73	13	Rain
Zagazig												
Ismailîa												
Farouk (Airport)												
Almâza	160	11	12	54	5	8	Cu,Sc	10.4	23	50	12	dr.
Ezbekiya	00	0	12	60	6	7	Ci	10.0	22	50	11	dr.
Gîza	00	0	12	60	6	7	Ci	10.7	21	57	12	0.1
Helwân	160	4	3	02	5	7	as	9.9	24	32	6	dr.
Faiyûm	00	0	7	01	5	6	NS	10.6	20	64	13	dr.
Minya	130	6	8	02	2	8	ac	10.3	21	50	10	dr.
Asyût	00	0	8	02	2	6	ac,Ci	10.5	20	56	11	0
Nag' Hammâdi	40	3	3	03	2	7	Sc,Cu	11.1	26	37	10	0
Qena												
Luxor												
Aswân	00	0	15	01	1	4	ac	10.0	25	28	5	0
Sîwa	280	4	10	01	2	3	Sc	10.0	19	56	10	0
Baharîya	120	2	35	20	5	8	Ac	10.7	22	61	14	dr.
Farafra	320	4	15	02	2	8	Cb,as	9.8	21	41	7	0
Dakhla	20	14	7	03	0	0	—	9.8	26	13	-5	0
Kharga	00	0	15	01	1	2	ac	10.6	25	22	2	0
Suez												
Tôr	40	5		02	0	0	—	14.3	20	64	13	0
Hurghada	00	0	12	01	2	3	Sc	13.0	19	64	12	0
Quseir	20	18	15	01	2	6	as,Ci	13.3	22	83	19	0

At 0600 on Friday 1st February, 1952

Station	Wind 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.	Total from Oct 1st	Normal from Oct 1st
Salum	270	9	15	03	2	5	Cb	9.6	-7.6	12	21	+2	9	0	88	10	0	56	
Sîdi Barâni	230	6	15	02	2	7	ac,Cs	8.9		12	22		11		88	10	0	99	
Matruh	220	9	30	02	2	7	ac,Ci	9.9	-7.6	14	24		12		83	11	0.1	110	
El Dab'a	00	0	15	03	2	8	St			15	26		13		88	13	0	173	
Alexandria	130	6	35	04	5	8	Cu,Sc	11.0	-7.2	17	21	+3	15	+5	77	13	dr.	119	147
Fouad (Airport)	00	0	12	02	6	7	Sc	9.9	-7.9	16			14	+5	88	14	1	130	109
Damietta	140	2	3	60	6	8	Cu,Sc	10.9	-6.2	17	18	0	15	+7	88	15	3	124	71
Port Saîd	160	12	12	02	2	8	ac	11.1	-6.8	17			16	+4	88	15	1	60	
El 'Arish	160	8	18	02	6	8	ac	12.0	-5.7	17			12		88	15	2	74	
Damanhûr	310	5	7	02	1	8	ac	10.3	-7.3	13			9	+2	77	9	dr.	66	63
Mansûra	140	5	15	50	5	8	NS	11.1	-6.2	16	22	+2	15	+8	88	14	1	26	30
Tanta	00	0	35	03	6	8	NS	11.4	-6.5	16	22	+2			97	16	Rain	Rain	24
Zagazig	00	0	35	02	1	6	Cb	10.6	-7.7	17			10	+4	88	15	2	23	16
Ismailîa																			
Farouk (Airport)	160	3	8	05	6	8	Sc,ac	11.8		18			16		88	16	1	72	
Almâza	100	2	14	50	5	7	Sc	11.1	-7.7	18	26	+6	13	+4	83	15	dr.	60	
Ezbekiya	00	0	12	50	5	7	Ci	10.6	-7.6	19	27	+7	17	+9	73	14	dr.	50	15
Gîza	00	0	12	50	5	7	Ci	11.0	-7.1	18	27	+8	14	+9	83	15	0.2	47	16
Helwân	290	4	3	02	2	8	NS,as	11.1	-7.4	19	26	+5	17	+11	64	12	dr.		16
Faiyûm	00	0	35	02	0	8	NS	10.7	-7.8	19	24	+3	15	+9	64	12	dr.	19	5
Minya	120	5	8	02	2	7	ac	10.2	-10.1	20	23	+2	18	+13	56	11	dr.	dr.	
Asyût Manqabâd	80	3	8	10	2	8	As	10.5	-9.3	20	25	+4	17	+11	60	12	0	dr.	
Nag' Hammâdi	00	0		03	1	6	Sc,Ac	11.8	-6.6	20	30	+8	15	+10	64	13	0	0.1	
Qena	40	2	15	02	1	8	St	11.4	-7.8	20			16	+9	46	8	0	dr.	
Luxor	00	0	30	03	1	4	Cs	10.8	-7.6	20			18		49	9	0	dr.	
Aswân	00	0	50	01	1	6	Sc,Cu	10.7	-7.9	21	33	+9	18	+8	41	7	0	dr.	
Sîwa	310	4	13	03	1	4	Sc	10.7	-9.3	15	20	0	14	+10	68	9	0	Rain	6
Baharîya	180	2	35	02	2	8	Ac	10.7	-8.5	21	26	+5	20	+15	65	14	dr.	dr.	5
Farafra	00	0				6	Cb				27		16			8	0	Rain	
Dakhla	160	11	50	01	1	7	ac	9.4	-10.4	18	32	+10	14	+9	37	3	0	dr.	
Kharga	00	0	15	03	2	8	ac	10.6	-8.4	19	33	+10	17	+11	46	7	0	dr.	
Suez	180	3	50	00	6	6	ac	13.0	-4.8	20			16	+6	73	15	3	22	11
Tôr	20	2	35	00	0	8	As	13.1	-4.4	21			18	+9	65	14	0	1	10
Hurghada	180	8	18	02	2	7	Sc	11.8	-6.1	22	23	+3	18	+9	78	18	0	0	
Quseir	360	9	15	00	0	2	Ci	12.4	-4.4	18	25	+2	17	+3	52	8	0	dr.	4
Port Sudân	340	6	30	03	1	5	Cu,Ci	12.9		25	29		21		79	21	0	Rain	91
Wâdi Halfa	140	3	50	03	2	7	Cs	9.2		19	35		16		46	7	0	dr.	
Abu Hamad	90	2	30	02	2	8	Cs			21	35		18		69	15	0		
Karema	50	4	30	02	0	0	—	9.6		22	33		20		69	16	0	dr.	1
Atbara	70	14	10	07	0	1	Cs	8.6		23					61	15	0	0	2
Khartûm	50	4	30	03	0	1	Ci	7.9		23	37		19		53	13	0	0.6	4
Kassala	20	3	30	02	0	0	—	6.4		25	39		18		61	17	0	49	8
Wâd Medani	50	9	35	02	0	2	Ci	7.6		23	38		20		61	15	0	20	12
Renk	310	2	35	02	0	2	Ci	8.7		23	39		19		53	13	0		49
Roseires	310	2	35	02	0	0	—	9.8		23	40		18		53	13	0	92	36
El Obeid	70	4	30	03	0	4	Ci	7.7		24	36		18		34	7	0	18	16
El Fâsher	360	3	30	03	0	1	Ci			16	35		15		42	3	0	13	6
Geneina	50	1	30	03	0	1	Cs			15	38		14		30	-3	0		4
Malakal	120	2	30	03	1	6	Cs	7.9		27	40		20		33	9	0	94	88
Wau	180	2	7	04	2	8	Cs	8.1		24	41		20		44	11	0	152	144
Juba	180	2	10	04	0	1	Cs	7.0		28	39		24		52	17	0	224	146

Humidity

Station	31st	Diff. from normal
Alexandria	68	+2
Ezbekiya	54	-11
Gîza	63	-7
Helwân	39	-16

Grass minimum temperature on 1st: 14.3

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Farouk Airport — On 1st At 09 00

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	96	20		00	0
950					
900					
850	1492	14		210	30
800					
700		2		230	43
600					
500	5525	-14		250	49
400	7378	-26		240	62
300	9397	-42		250	69

Remarks

UPPER WIND OBSERVATIONS on 31st Jan.

Station	Almaza Dir.	Almaza Vel.	Port Said Dir.	Port Said Vel.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	S. Barani Dir.	S. Barani Vel.	Dir.	Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14 30		14		14		14		14		14		14		14		14		14				20		20	
300	190	13	90	17	160	7	120	10	160	12	280	16	150	28	110	9	240	6	240	7			340	3	160	19
600	210	16	170	19	160	9	120	10	120	7	260	13	150	28	180	2	230	7	240	17			20	6	170	17
1000	210	8	200	21	150	11	190	14	140	4	280	23	150	29			240	13	240	21			140	2	190	15
1500	220	34	220	17			220	16	230	10	260	30					220	22	250	26			10	10	200	14
2000	250	24	240	17			230	22	260	18	230	32					220	23	230	23					250	29
3000			280	26					250	35	240	36													230	25
4000			260	43																					240	29
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st

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.	Almaza Dir.	Almaza Vel.
Time	8		8				2						2		8		8						4	
300	270	17	190	19			160	14					150	10	140	14	200	9					160	20
600	260	17	210	20			150	17					140	10	140		120	13					190	19
1000	260	16	220	17			160	16					160	13	220		120	19					170	16
1500	280	26					190	16					170	12	150		140	23						
2000	260	21					210	24					170	16	180		170	12						
3000	230	24					230	22							210	17	160	10						
4000															230	21								
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.	Abu Hamad Dir.	Abu Hamad Vel.	Karema Dir.	Karema 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																	
300	330	17	30	29			180	5																
600	340	16	30	30			150	20																
1000	310	6	40	35			150	35																
1500	280	2	40	22			180	21																
2000	200	10	60	10																				
3000	210																							
4000	230																							
5000																								
6000																								
7000																								
8000																								

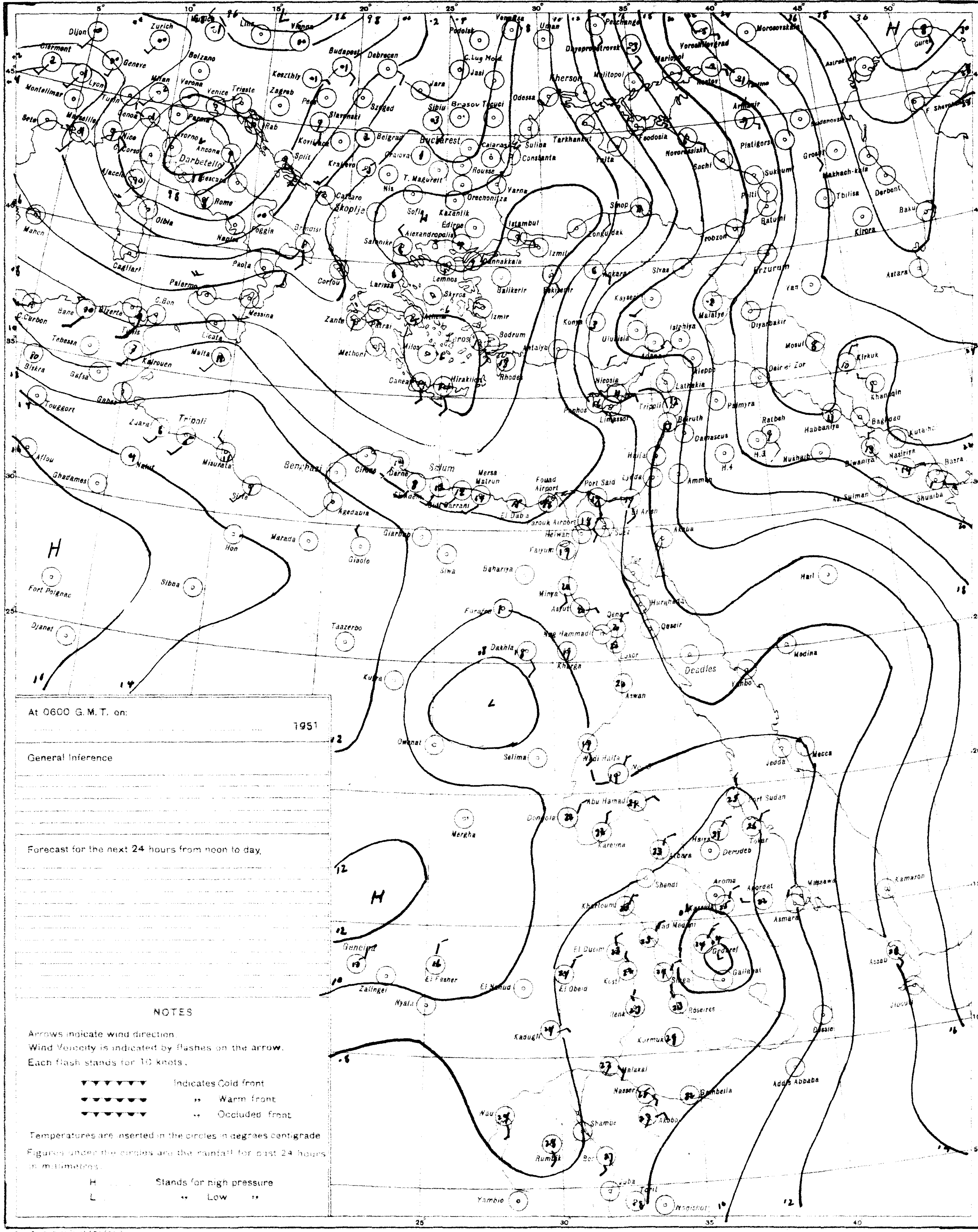
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 343 (55?) 150/53?

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 1-2 1952



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 / 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 46 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: Saturday 2nd February, 1952

At 1200 on Friday 1st February

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	250	9	35	03	2	7	ac, Cs	9.6	17	52	7
303	SIDI BARANI	270	11		02	2	7	ac	9.8	17	72	12
306	MATRUH											
309	EL DABA	320	11	35	03	2	8	st		17	68	11
	ALEXANDRIA											
318	FOUAD (Airport)											
330	DAMIETTA	110	2		02	2	8	st	11.1	19	83	16
333	PORT SAID	100	10	10	02	8	8	ac	9.5	19	83	16
336	EL ARISH											
338	DAMANHUR	310	5	15	02	1	8	ac	9.1	20	46?	8?
342	MANSURA	220	3	15	03	2	8	NS	9.0	23	74	18
348	TANTA	00	0	35	03	2	8	Ns	9.3	24	47	12
351	ZAGAZIG	00	0	50	03	1	8	cb	8.8	23	74	18
340	ISMAILIA											
366	FAROUK (Airport)											
371	ALMAZA	360	5	12	02	2	8	sc, as	9.2	22	69	16
	EZBEKIYA	00	0	18	02	1	8	ci	9.1	24	57	15
	GIZA	00	0	18	02	1	8	ci	9.8	25	54	15
375	HELWAN	180	4	3	02	5	8	Ns, as	9.4	23	50	12
381	FAIYUM	00	0	35	02	5	8	NS	9.6	24	54	14
387	MINYA	10	1	10	02	5	8	as	9.4	25	54	15
393	ASYUT MANQABAD	100	7	30	02	2	8	as	8.4	30	33	12
399	NAG HAMMADI											
402	QENA											
405	LUXOR											
414	ASWAN	00	0	50	01	1	4	ac, ci	8.0	32	20	6
417	SIWA	350	11	14	02	2	7	as	11.5	18	46	6
420	BAHARIYA	90	2	35	02	2	8	ac	9.6	27	52	16
423	FARAFRA											
432	DAKHLA	20	11	50	01	2	3	ac		31	17	3
435	KHARGA	00	0	15	02	2	6	ac	7.5	33	38	17
450	SUEZ	130	6	50	03	6	7	ac	10.0	21	74	16
453	TOR	00	0	50	01	2	7	ac	12.2	25	51	14
463	HURGHADA	110	7	30	01	2	4	Cs	10.4	25	65	18
465	QUSEIR	20	9	15	03	1	4	as	11.4	24	84	21
641	PORT SUDAN	90	9	30	01	6	1	cu	14.9	28	70	22
600	WADI HALFA	130	6	50	01	1	4	ci	4.8	35	27	13
640	ABU HAMAD	90	4	30	01	9	1	ci		37	17	8
660	KAREIMA	50	3	30	02	0	0	—	4.0	35	27	13
680	ATBARA	90	8	30	03	1	4	cs	2.8	36	20	10
721	KHARTUM	40	3	30	02	2	7	cs	3.1	35	22	10
750	KASSALA	40	1	30	02	0	1	cs	0.4	41	19	13
751	WAD MEDANI	20	2	35	02	0	2	ci	1.4	38	15	7
801	RENK											
802	ROSEIRES	230	2	35	02	0	5	ci	0.9	37	31	17
771	EL OBEID											
760	EL FASHER	160	3	30	03	1	6	ci		35	5	-10
770	GENEINA	180	13	30	03	2	7	cs		36		
840	MALAKAL											
880	WAU	180		10	04	1	3	cu	2.0	38	27	16
941	JUBA											

At 1800 on Friday 1st 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	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALUM			15	02	2		as	10.8	15	77	11	0
SIDI BARANI	330	11	15	02	2	8	as	11.5	15	77	11	0
MATRUH												
EL DABA	00	0	15	03	2	8	st		15	88	13	0
ALEXANDRIA	310	9	35	02	2	8	as	12.7	17	64	10	0
FOUAD (Airport)												
DAMIETTA	70	2		02	2	8	sc	11.0	18	83	15	0
PORT SAID	70	5	8	02	2	8	ac	11.0	17	94	16	dr
EL ARISH												
DAMANHUR	230			02	1	3	ac	11.2	16	68	10	0
MANSURA	20	3		03	2	8	NS	11.4	20	83	17	0
TANTA	00	0	35	03	2	8	NS	11.1	17	77	13	0
ZAGAZIG	00	0	35	02	2	8	cb	11.5	20	88	18	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA	340	5	12	02	2	8	sc, as	11.8	21	74	16	0
EZBEKIYA	360	4	12	50	5	8	Ns	11.9	20	83	17	dr.
GIZA	360	4	12	50	5	8	NS	12.0	19	88	17	0.1
HELWAN	340	4	3	50	5	8	Ns, as	11.6	22	57	13	dr
FAIYUM	00	0	35	01	2	6	NS	10.6?	20	73	15	dr.
MINYA	360	4	8	02	2	8	as	9.2	19	73	14	dr.
ASYUT MANQABAD	00	0	10	02	2	8	ac, cs	8.7	24	54	14	0
NAG HAMMADI	70	5		03	2	6	as	8.7	26	42	12	0
QENA	360	1	7	02	1	3	ci	8.6	24	47	12	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	7.9	25	34	8	0
SIWA	80	3	8	02	6	7	Ns	12.6	16	64	9	dr
BAHARIYA	360	3	15	02	2	8	as	10.8	19	73	14	0
FARAFRA	360	4	15	02	3	3	ac	9.9	19	64	13	0
DAKHLA	20	8	35	00	0	0	—	9.8	24	12	-8	0
KHARGA	00	0	15	01	1	3	ac	7.9	25	28	5	0
SUEZ	290	7	35	02	0	7	ac	12.4	22	57	13	dr.
TOR	40	2	30	01	2	7	ac	11.0	22	40	15	0
HURGHADA	200	3	30	00	0	0	—	11.3	20	73	15	0
QUSEIR	20	9	15	01	1	0	—	12.2	21	88	19	0

At 0600 on Saturday 2nd February, 1952

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	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew point °C.	Rain past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	290	1	15	03	5	8	St, Cs	10.5	-6.7	12	19	0	11	+2	94	11	0		
SIDI BARANI	240	6	15	60	6	8	NS	10.8		13	17		13		62	10	dr	99	
MATRUH	100	5	18	21	6	8	Ns	11.5	-5.9	12			12		94	11	3	113	
EL DABA	00	0	15	03	2	8	St			13	18		12		88	11	Rain	Rain	
ALEXANDRIA	00	0	35	03	6	8	Ns, as	11.5	-6.7	14	20	+2	14	+4	97	14	4	123	148
FOUAD (Airport)	00	0	10	61	6	8	Ns, as	11.3	-6.5	14			14	+5	97	14	3	133	110
DAMIETTA	320	2		02	2	8	Cu, Sc	12.2	-4.8	16	19	+1	16	+8	88	14	0	124	71
PORT SAID	360	13	14	03	2	8	as	10.4	-7.5	17	20	+2	16	+4	83	14	dr	60	
EL ARISH	290	2	18	02	5	8	ac, cs	9.7	-8.0	18			16	+9	88	16	dr.	73	
DAMANHUR	40	9		02	5	8	ac	11.4	-6.2	15	21	+1	14	+7	88	13	dr.	66	63
MANSURA	360	5	15	03	2	8	sc	10.8	-6.4	15	24	+4	15	+8	88	13	0	26	30
TANTA													13	+7			0.3	Rain	24
ZAGAZIG	00	0	35	02	2	8	cb	11.5	-6.7	15	23	+[illegible]	15	+9	97	15	0	23	16
ISMAILIA																			
FAROUK (Airport)																			
ALMAZA	30	6	12	02	2	8	sc, ac	11.6	-7.7	16	26	+6	14	+5	88	14	0	60	
EZBEKIYA	360	6	12	02	1	8	cs	10.6	-7.5	16	24	+4	15	+7	82	13	dr.	50	15
GIZA	360	6	12	02	1	8	cs	11.1	-6.9	16	26	+7	15	+10	77	12	0.2	47	16
HELWAN	360	12	15	02	2	8	as	10.2	-8.6	19	26	+7	17	+9	52	8	dr	51	16
FAIYUM	00	0	35	02	2	8	NS	10.8?	-7.6	16	24	+3	15	+9	77	12	dr	19	5
MINYA	360	16	8	02	2	7	ci	7.8	-12.4	17	26	+5	14	+9	68	11	dr	dr.	
ASYUT MANQABAD	280	4	8	10	0	6	ac, ci	8.0	-11.7	17	31	+10	13	+7	64	10	0	dr	
NAG HAMMADI	00	0	3	03	1	5	Cu, as	8.0	-10.3	19	33	+11	15	+10	52	[illegible]	0	0.1	
QENA	40	2	15	03	1	5	ci	7.9	-10.3	18	32	+8	15	+8	73	13	0	dr.	
LUXOR	40	4	30	00	0	0	—	7.2	-11.1	21			15		50	10	0		
ASWAN	00	0	50	01	1	3	ci	7.4	-11.2	21	33	+9	18	+8	65	14	0	dr.	
SIWA	70	3	11	65	6	8	Ns	13.3	-6.7	12	18	-2	12	+8	97	12	dr?	Rain	6
BAHARIYA	360	2	35	02	2	8	as	11.2	-7.9	16	28	+7	15	+10	77	12	0	dr.	6
FARAFRA	360	4	15	02	2	6	cb	11.2		17	30		15		88	15	0	Rain	
DAKHLA	00	0	50	01	1	5	ci	7.0	-12.7	19	33	+11	15	+10	52	9	0	dr.	
KHARGA	00	0	15	03	1	4	ac	6.2	-12.7	21	34	+11	16	+10	41	7	0	dr.	
SUEZ	310	8	50	00	1	7	as	10.8	-7.0	18	23	+3	16	+6	83	15	dr	22	11
TOR	360	5	35	00	2	7	ac	8.6	-8.8	18			17	+8	52	8	0	1	10
HURGHADA											25	+5							
QUSEIR	330	9	15	00	0	3	as	9.3	-7.5	19	24	+1	17	+3	83	16	0	dr.	4
PORT SUDAN																			91
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			1
ATBARA																			2
KHARTUM																			4
KASSALA																			8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID																			16
EL FASHER																			6
GENEINA																			4
MALAKAL																			88
WAU																			145
JUBA																			146

Humidity

Station	1st	Diff. from normal
Alexandria	83	+17
Ezbekiya	72	+7
Giza	79	+9
Helwan	52	-3

Grass minimum on 2nd: 14.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Farouk Airport, On 2nd At 4 h

Pressure mbs	Height above M.S.L. metres	Temp °C	Humid.	Wind Dir.	Wind Vel.
1000	95	17		10	10
950					
900					
850	1458	8		110	16
800					
700	3042	3		190	43
600					
500	5690	-12		220	75
400	7376	-20		230	77
300	9438	-36			

Remarks

UPPER WIND OBSERVATIONS on 1st

Station	Port Said		Almaza		Minya		Asyut		Siwa		Dakhla		Kharga		S.Barani	
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.
300	140	13	200	24	50?	8	130	10	360	13	140	8	160	5	300	10
600	170	12	200	16	80?	9	150	13	360	13	140	7	160	9	290	23
1000	220	16	220	17	80	9	170	20	10	3	160	9	160	10	290	12
1500	220	20			160	27	210	14	240	27	200	12			260	17
2000	210	31			220	13	220	12	260	50					240	17
3000							180	15	260	45						
4000							220	30								
5000							220	52								
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 2nd

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time							2		8				2		8		5 15		[illegible]		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							330	6	210	4			30	17	330	7	140	11	310	5	160	15
600							340	17	180	7			50	9	190	5	150	12	350	15	160	[illegible]
1000							320	12	20	5			80	4	160	16	170	20	360	25	190	15
1500							300	9	120	16			160	4	180	16	180	26	140	4	210	16
2000															190	30					210	23
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		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	150	3	270	36	350	10	10	13																
600	40	2	270	43	20	13	360	7																
1000			270	35	00	0	360	9																
1500			260	43																				
2000			270	50																				
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.

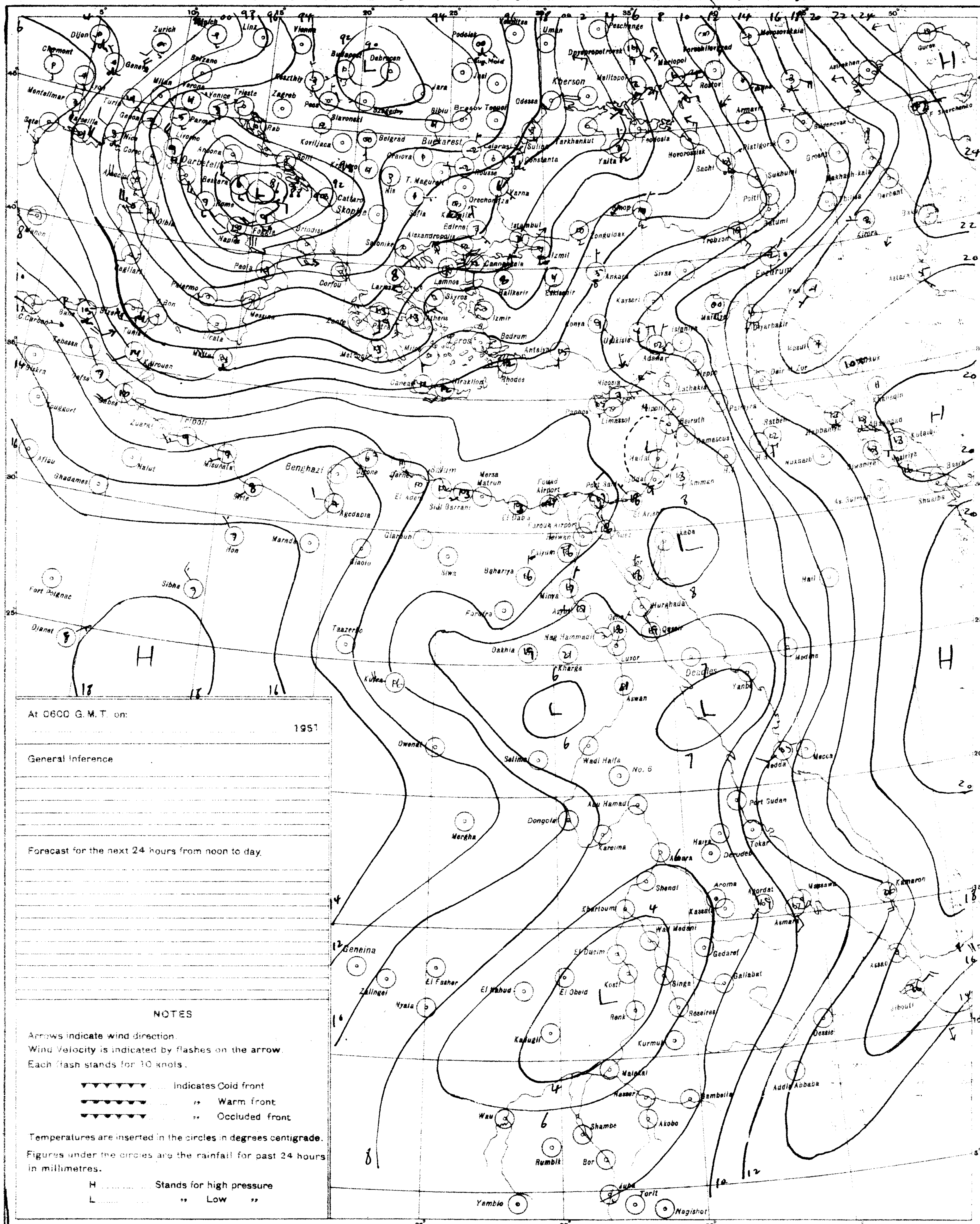
Note: All times are G.M.T.

Printed by the Survey of Egypt 349/49 (50/537)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 6 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
	,, 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 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: Sunday 3rd February, 1952

At 1200 on Saturday 2nd

Station	Wind Direction	Velocity in knots	Visibility 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	270	5	35	02	5	8	cu, as	7.8	17	60	9
Sidi Barani	240	3	18	60	6	8	sc, as	7.7	15	77	11
Matruh	170	5	15	60	6	8	sc, as	8.7	14	88	12
El Daba	00	0	35	03	2	8	st		15	88	13
Alexandria	130	6	35	04	8	8	as	7.9	15	88	13
Fouad (Airport)	140	7	8	61	6	8	st	7.8	14	97	14
Damietta	320	2	3	65	6	8	cu, sc				15
Port Said	350	17	15	25	6	8	sc, ac	6.3	15	97	15
El Arish	280	8	30	02	2	8	as	6.0	18	88	16
Damanhur	130	5	1.5	94	6	8	sc	8.7	18	73	13
Mansura	360	5	15	60	6	8	Ns	8.4	15	97	15
Tanta	00	0		03	6	8	Ns	8.4	15	97	15
Zagazig	00	0	50	02	5	8	Ns	8.4	16	88	14
Ismailia											
Farouk (Airport)	340	10	8	60	6	8	sc, as	9.5	16	88	14
Almaza	360	8	12	20	6	8	Ns	8.7	16	88	14
Ezbekiya	320	6	18	50	5	8	Ns	8.7	16	88	14
Giza	320	6	18	50	5	8	Ns	9.0	16	88	14
Helwan	340	13	7	02	2	8	Ns, as	7.9	16	77	12
Fayum	00	0	35	02	2	8	Ns	8.2	17	77	13
Minya			8	02	2		ac	5.7	20	60	12
Asyut	340	7	8	10	2	8	ac	4.5	22	69	16
Nag Hammadi	140	5	15	03	0	4	ac	3.9	32	43	18
Qena	100	2	50	02	1	5	sc	4.0	29	46	16
Luxor											
Aswan	200	3	50	01	1	3	as	1.9	33	24	10
Siwa	270	13	12	02	6	8	sc, cu	10.7	14	88	12
Bahariya	360	2	35	50	5	8	ac	9.5	17	77	13
Farafra	360	8	35	02	2	8	cb, as	8.3	19	73	14
Dakhla	360	11	15	01	2	6	ci	3.8	26		
Kharga	00	0	15	02	2	8	ac	4.3	26	30	7
Suez	360	10	50	02	1	7	as	7.4	19	73	14
Tor	310	13	50	02	0	6	as		22	57	13
Hurghada	140	17	30	03	2	7	sc, cu		24?	79	20
Quseir	140	9	15	03	1	4	sc, cu	6.7	23	89	21
Port Sudan	130	8	30	03	2	5	cu, as	8.0	29	70	23
Wadi Halfa	180	12	30	02	1	3	cu, cs	0.5	39	16	9
Abu Hamad											
Karima	160	6	30	03	0	3	cs	1.6	38	18	10
Atbara	240	2	30	02	2	7	cs	2.4	36	27	14
Khartoum	120	5	30	02	2	8	cs	2.4	37	18	9
Kassala	180	3	30	03	2	7	cs	0.4	39	21	13
Wad Medani	50	2	35	01	1	3	ci	2.0	39	16	9
Renk	230	5	35	01	0	4	cu	4.6	40	14	8
Roseires	310	2	35	01	0	1	ci		39	30	18
El Obeid	180	8	30	02	2	7	cs	1.5	37	16	7
El Fasher	40	8	30	03	2	8	cu, ac		35?	20	9
Geneina	290	3	30	02	2	8	cs		37?	18	4
Malakal											
Wau											
Juba	270	3	30	04	2	7	sc	5.2	34	34	16

At 1800 on Saturday 2nd

Station	Wind Direction	Velocity in knots	Visibility 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	02	5	1	As	7.9	14	59	6	dr.
Sidi Barani												
Matruh	220	8	10	01	1	3	ac	8.0	12	94	11	4
El Daba	240	10	7	03	2	8	sc		14	88	12	8
Alexandria	220	5	35	03	8	8	cu, sc	8.0	14	97	14	7
Fouad (Airport)												
Damietta	160	2	1.5	24	6	8	cu, sc	7.9	15	97	15	11
Port Said												
El Arish												
Damanhur	230										10	3
Mansura	320	5	3	03	6	8	Ns	8.2	15	88	13	10
Tanta	310	2	35	03	6	8	Ns	7.0	15	88	13	12
Zagazig	00	0	35	60	6	8	Ns	8.2	14	97	14	6
Ismailia												
Farouk (Airport)	320	6	8	60	9	8	Ns	9.0	14	97	14	10
Almaza	20	10	10	26	8	8	sc, as	8.2	14	97	14	Rain
Ezbekiya	40	4	12	60	6	8	Ns	7.5	14	97	14	10
Giza	40	4	12	60	6	8	Ns	8.0	14	97	14	10
Helwan	270	5	7	63	9	8	Ns, as	7.6	14	97	14	5
Fayum	00	0	35	21	6	8	Ns	9.3	14	97	14	2
Minya	360	11	12	02	2	7	ac	8.1	16	77	12	0
Asyut	270	5	8	02	2	8	ac	7.9	17	83	14	0
Nag Hammadi	160	3		03	0	5	sc, ac	4.2	26	48	14	0
Qena	320	3	7	02	1	5	sc	4.7	25	54	15	0
Luxor	320	5	12	00	1	4	ci	3.4	24	54	14	0
Aswan	00	0	15	02	1	6	ac	3.8	26	30	7	0
Siwa	270	6	10	01	2	2	sc	11.0	13	88	11	1
Bahariya	360	2	15	20	5	8	ac	10.6	15	77	11	1
Farafra	270	2	15	02	5	7	cb	11.6	15	97	15	2
Dakhla	340	18			4			9.6	21	26	1	0
Kharga	00	0	15	01	2	6	ac	6.8	20	46	8	0
Suez	00	0	35	01	6	6	as	9.0	16	88	14	Rain
Tor	20	13	30	02	0	8	cu		18	52	8	0
Hurghada	120	6	10	02	2	8	cu, sc	4.3	20	88	18	0
Quseir	140	9	15	03	2	8	sc, cu	4.8	24	94	23	0
Port Sudan	00	0	30	03	2	8	cs	8.8	28	74	23	0
Wadi Halfa	310	8	30	03	2	7	ac, cs	4.2	30	24	7	0
Abu Hamad	160	1	30	02	2	8	cs		29	37	13	0
Karima	00	0	30	02	1	3	cs	4.3	27	52	16	0
Atbara	00	0	10	05	2	7	cs	4.9	30	38	14	0
Khartoum	00	0	30	02	2	8	cs	5.3	30	33	12	0
Kassala	360	2	30	02	2	7	cs	3.6	27	42	13	0
Wad Medani												
Renk												
Roseires												
El Obeid	00	0	30	01	2	5	ac	4.8	31	26	9	0
El Fasher	340	5	30	02	2	5	cs		28	27	7	0
Geneina	340	5	30	02	2	5	cs		28	19	2	0
Malakal	180	7	30	01	2	8	ac, cs	6.7	31	41	16	0
Wau	00	0	10	04	2	7	ac	8.8	27	58	18	0
Juba	180	3	30	13	2	8	cb, ac	8.1	26	70	20	0

At 0600 on Sunday 3rd February, 1952

Station	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
Salum	250	27	15	01	5	5	cu, sc	6.0	-11.1	12	18	-1	12	+3	77	8	dr.	56	
Sidi Barani	220	5	15	60	5	7	Ns	5.8		10			10		71	5	0.3	99	
Matruh	220	24?	14	03	0	3	ac	6.3	-11.0	10	14		9		67	4	4	117	
El Daba	180	4	15	00	0	0	—			11	15		9		77	7	8	Rain	
Alexandria	220	20	50	01	2	2	cu	8.2	-9.9	12	17	-2	11	+1	77	8	13	136	149
Fouad (Airport)	220	22	18	01	1	1	ac	8.0	-9.8	13			12	+3	72	8	11	144	111
Damietta	200	9	15	01	0	1	cu	8.7	-8.3	12	19	+1	11	+3	97	12	12	136	72
Port Said	250	20	18	02	0	2	st	8.2	-9.7	14			13	+1	82	11	8	68	
El Arish																			
Damanhur	230	13	7	02	0	0	—	8.4	-9.1	12	19	-1	10	+3	88	10	3	69	64
Mansura	220	9	35	00	0	0	—	9.3	-7.9	12	20	0	11	+4	88	10	10	36	30
Tanta	220	5	35	02	0	0	—	9.0	-8.7	12	16	-4	10	+4	88	10	12	Rain	24
Zagazig	220	1	35	02	0	0	—	10.2	-7.9	12	20	0	10	+4	88	10	6	29	16
Ismailia																			
Farouk (Airport)	250	20	18	00	0	0	—	11.4		13	17		12		82	10	10	82	
Almaza	220	16	30	00	0	0	—	10.9	-7.9	12	17	-3	11	+2	88	10	Rain	Rain	
Ezbekiya	180	4	12	00	0	0	—	11.2	-6.9	13	17	-3	12	+4	77	9	10	60	15
Giza	180	4	12	00	0	0	—	11.5	-6.5	13	17	-2	11	+5	77	9	10	57	16
Helwan	180	3	35	02	0	1	st	12.3	-6.5	11			11	+3	97	11	8	59	16
Fayum	360	2	35	09	0	0	—	13.3	-5.1	13	18	-3	10	+4	77	9	4	23	5
Minya	270	3	8	00	1	0	—	13.3	-6.9	13	21	0	10	+5	88	11	4	4	
Asyut	320	2	8	10	0	0	—	14.7	-5.0	13	23	+2	13	+7	88	11	2	2	
Nag Hammadi	220	3		03	1	5	cu, sc	15.0	-3.3	17	33	+11	14	+9	77	13	0	0.1	
Qena	320	3	50	03	1	6	cb	13.5	-4.6	17	30	+6	15	+8	39	11	2	2	
Luxor	280	8	30	02	2	7	st	13.6	-4.6	17	32		16		68	11	0	dr.	
Aswan	340	10	7	01	1	7	sc, cu	14.2	-4.4	18	33	+9	18	+8	60	10	0	dr.	
Siwa	260	13	13	60	0	0	—	11.6	-8.4	12	15	-5	11	+7	63	5	1	Rain	6
Bahariya	240	8	35	02	0	0	—	13.9	-5.2	12	20	-1	9	+4	77	8	1	1	6
Farafra	240	4	15	02	0	0	—	15.8		12	20		9		88	10	2	Rain	
Dakhla	340	14	35			0	—	15.8	-3.8	13			9	+4	77	9	0	dr.	
Kharga	00	0	15	03	2	3	ac	14.8	-4.0	16	29	+6	15	+9	68	10	0	dr	
Suez	00	0	50	00	1	2	cu, ci	11.6	-6.1	16	20	0	14	+4	59	8	9	31	11
Tor	200	19	15	02	0	5	ac	10.0	-7.4	18	23	+2	18	+9	60	10	0	1	10
Hurghada	320	25	30	03	2	6	sc, ci	7.5	-10.4	20	25	+5	18	+9	60	12	0	0	
Quseir	330	13	15	00	0	6	ac	8.2	-8.5	21	25	+2	18	+4	74	16	0	dr.	4
Port Sudan	220	3	30	01	2	5	sc, ci	9.3		27	30		23		74	22	0	Rain	91
Wadi Halfa	340	20	30	02	2	8	ac, cs	14.1		19	41		18		60	11	0	dr.	
Abu Hamad	310	7	10	05	2	8	cs			23	38		21		36	7	0		
Karima	320	14	14	07	1	8	cs	12.5		22	38		21		38	7	0	dr.	1
Atbara											38								2
Khartoum	310	18	7	07	0	7	cs	9.9		25	39		22		24	3	0	0.6	4
Kassala	90	2	30	03	2	7	ac, cs	8.6		25	40		19		41	17	0	49	8
Wad Medani																			12
Renk	130	5	35	02	1	6	ci	10.4		28	41		18		45	15	0		49
Roseires																			36
El Obeid											38								16
El Fasher	360	5	30	03	0	7	ac, cs			23	35		20		24	1	0	13	6
Geneina											35								4
Malakal											37								88
Wau											36								145
Juba											36								146

Humidity % Midday

Station	2nd	Diff
Alexandria	94	+28
Ezbekiya	83	+18
Giza	83	+13
Helwan	71	+16

Grass minimum on 3rd: 9.7

Remarks

UPPER AIR OBSERVATIONS

Rawinsonde — Airport, on 3rd at 04

Pressure mbs	Height above M.S.L. metres	Temp °C	Humid.	Wind Dir.	Wind Vel.
1000	95	11		280	12
950					
900					
850	1436	2		270	33
800					
700	2984	-4		260	53
600					
500	5627	-20			
400	7254	-29			
300					

UPPER WIND OBSERVATIONS on 2nd

Height m.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Siwa Dir.	Siwa Vel.
Time	14		14		14		14		14		14	
300	10	21	330	17	360	40	360	21	140	19	280	21
600	20	17	270	13	360	41	10	27	140	22	290	20
1000	30	25	300	3	350	42	10	30			300	22
1500	20	38	220	25							310	26
2000			210	49							310	19
3000			220	47								
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 3rd

Height m.	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		[illegible]		[illegible]		Mankabad		Luxor		Aswan	
Time					8		8				7 15		8		8		8		8	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					240	31	240	19			200	12	250	9	300	14	310	13	360	19
600					250	61	240	24			250	19	260	13	300	11	310	21	340	16
1000					250	47	250	36			250	32	260	20	300	17	340	18	330	26
1500							270	26			280	32	290	19	290	27	320	19	300	23
2000							350	5							290	35			260	42
3000							270	11							270	38				
4000																				
5000																				
6000																				
7000																				
8000																				

Height m.	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Karima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8		5		4		5						4		5			
	Dir.	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	36	320	30	310	27	360	23	350	15														
600	270	39	320	35	310	34	360	27	360	21	310	25	340	21										
1000	270	40	320	55	310	47	360	28	10	25	290	29	340	26					310	19	350	11		
1500	280	35					360	17	350	34	270	12	320	30					320	28	330	10		
2000	280	42											20	17					340	13	330	16		
3000	280	43							310	25									350	17				
4000																			160	7				
5000																			180	15				
6000																			210	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.

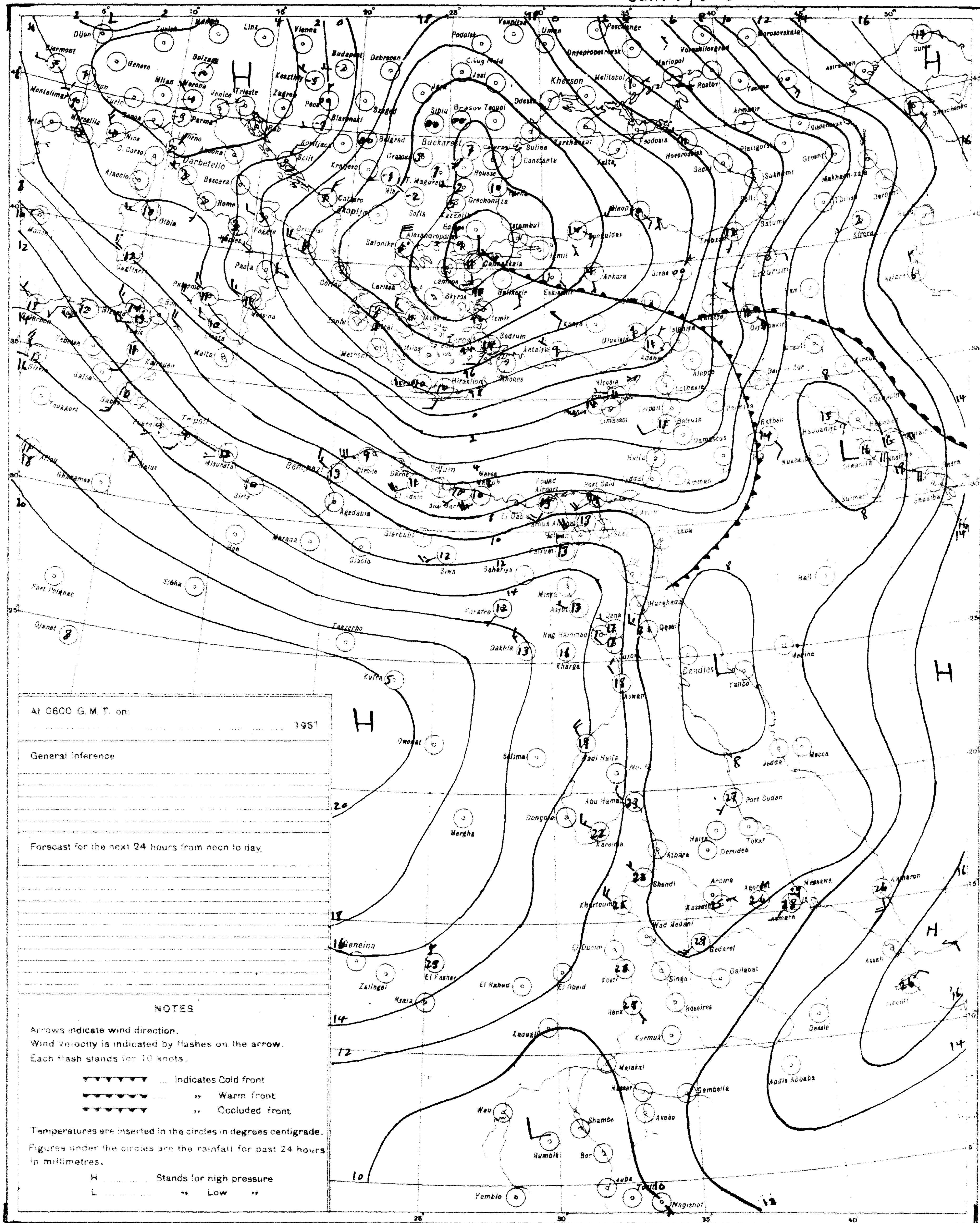
Note: All times are G.M.T.

Printed by the Survey of Egypt

Annual Subscription

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 3-2-1952



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 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

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

CAIRO
Time of Sunrise 04 45 G.M.T.
" " Sunset 15 34 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 4th February, 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	SALUM	250	30	15	35	3	2	St	5.6	20	41	6
	303	SIDI BARANI	80	20	10	07	0	4	Sc	5.1	19	52	9
	306	MATRUH	240	32	11	07	3	5	Ac	5.8	18	52	8
	309	EL DABA	270	27	35	03	2	8	St		18	52	8
		ALEXANDRIA	220	32	50	03	2	4	Cb	6.3	17	60	9
	318	FOUAD (Airport)	220	27	18	02	0	1	Cb	7.1	17	64	10
	330	DAMIETTA	200	24	35	00	0	0	—	6.3	18	60	10
	333	PORT SAID	240	32	30	02	0	0	—	6.0	18	52	8
	336	EL ARISH	270	13	18	31	3	1	Cu	7.3			8
Lower Egypt	339	DAMANHUR	270	30	7	02	0	0	—	7.4	19	52	9
	342	MANSURA	320	13	35	00	0	0	—	7.4	19	46	7
	348	TANTA	220	13	35	03	2	8	Ns	8.9	19	52	9
	354	ZAGAZIG	220	1	50	02	0	0	—	8.7	20	56	11
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	220	28	10	03	0	2	Cu	9.9	20	41	6
	372	ALMAZA	230	24	15	03	1	2	Cu	9.9	20	46	8
		EZBEKIYA	270	24	18	02	1	1	Ci	9.8	20	35	4
		GIZA	270	24	18	02	1	1	Ci	10.8	21	41	7
	378	HELWAN	220	19	7	03	1	6	As	10.3	19	46	7
Upper Egypt	381	FAIYUM	360	8	35	02	0	0	—	11.5	21	33	4
	387	MINYA	290	14	8	00	0	0	—	12.3	22	33	5
	393	ASYUT MANQABAD	320	11	30	00	0	0	—	13.0	20	35	4
	399	NAG HAMMADI	290	4	15	00	0	0	—	13.8	22	44	9
	402	QENA	270	3	50	00	0	0	—	12.0	23	38	8
	405	LUXOR											
	414	ASWAN	340	4	15	07	2	4	As	12.6	23	38	8
Oases	417	SIWA	280	14	14	00	0	0	—	12.2	20	41	6
	420	BAHARIYA	270	6	35	02	0	0	—	12.0	21	57	12
	423	FARAFRA	270	9	15	02	2	0	—	14.7	21	50	10
	432	DAKHLA	340	14	35	00	0	0	—	14.7	22	29	3
	435	KHARGA	360	2	15	00	0	0	—	14.3	22	25	1
Red Sea	450	SUEZ	220	8	50	02	0	2	Cu	9.6	20	41	6
	459	TOR											
	462	HURGHADA	330	22	30	00	1	0	—				6
	465	QUSEIR	360	19	15	01	1	2	As	10.4			7
	641	PORT SUDAN	140	14	30	02	2	8	Cu, Ac	6.1	28	79	24
North Sudan	600	WADI HALFA	350	19	30	07	0	6	Ac	12.7	24	34	7
	640	ABU HAMAD	350	13	7	07	1	1	Ac		31	22	7
	650	KAREIMA	340	15	2	07	1	7	As	10.2	29	25	7
	680	ATBARA	340	12	7	07	2	7	Cs	7.4	31	19	5
	721	KHARTUM	340	16	10	06	2	6	Cs	8.0	31	17	3
	730	KASSALA	260	3	30	01	2	7	Cs	2.9	39	14	7
Central Sudan	751	WAD MEDANI	310	13	15	02	0	2	Ci	5.8	35	13	3
		RENK	00	0	35	02	1	6	Cu		36	27	14
		ROSEIRES											
		EL OBEID	20	13	7	01	2	4	Ac, Ci	7.4	32	10	-3
		EL FASHER	40	10	30	02	1	7	Ac, Ci		29	22	5
		GENEINA	50	5	15	05	2	7	Ac		29	8	-8
South Sudan	840	MALAKAL											
	880	WAU	50	4	10	04	1	7	Cc	4.8	37	22	12
	941	JUBA	50	9	30	94	9	7	Sc, As	6.2	34	36	17

At 1800 on Sunday 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	250	13	15	00	3	0	—	9.1	16	59	8	0
SIDI BARANI												
MATRUH	220	15	8	02	2	1	Ac	9.3	13	82	10	0
EL DABA	00	0	7	03	2	7	Sc		14	82	11	0
ALEXANDRIA	270	22	35	02	2	5	Cb	9.4	16	68	10	0
FOUAD (Airport)	240	13	12	81	8	7	Sc	8.5	17	72	12	dr.
DAMIETTA	200	9		03	2	5	Cb	7.9	15	77	11	0
PORT SAID	230	22	6	03	0	3	Ac	8.9	16	68	10	0
EL ARISH												
DAMANHUR	270	13	17	02	0	0	—	8.4	14	77	10	0
MANSURA	220	13		00	0	0	—	8.7	15	68	9	0
TANTA	220	8	35	02	1	0	—	9.8	15	68	9	0
ZAGAZIG	00	0	35	02	0	0	—	10.0	15	77	11	0
ISMAILIA												
FAROUK (Airport)	220	20	10	00	0	0	—	12.2	16	64	9	0
ALMAZA	220	17	8	00	0	0	—	11.3	17	52	7	0
EZBEKIYA	220	8	12	00	0	0	—	11.2	17	52	7	0
GIZA	220	8	12	00	0	0	—	12.2	16	59	8	0
HELWAN	220	4	3	01	1	0	—	12.8	16	59	8	0
FAIYUM	00	0	35	02	0	0	—	13.5	15	68	9	0
MINYA	00	0	8	00	0	0	—	14.7	13	67	7	0
ASYUT MANQABAD	270	5	12	00	0	0	—	15.1	16	52	6	0
NAG HAMMADI	340	2		01	0	3	Ac	13.3	15	77	11	0
QENA	270	3	7	00	0	0	—	12.8	15	48	4	0
LUXOR	00	0	12	00	0	0	—	15.3	18	40	4	0
ASWAN	360	5	15	00	0	0	—	15.4	19	46	7	0
SIWA	260	10	10	00	0	0	—	12.8	16	64	9	0
BAHARIYA	360	2	15	02	0	0	—	14.3	14	77	10	0
FARAFRA	220	1	15	02	1	0	—	16.2	14	77	10	0
DAKHLA	320	8	35	00	0	0	—	17.0	16	36	1	0
KHARGA	00	0	15	00	0	0	—	15.9	17	68	11	0
SUEZ	270	6	35	01	0	0	—	12.4	18	46	6	0
TOR												
HURGHADA	320	19	12	02	0	0	—	12.4	17	39	3	0
QUSEIR	330	19	15	01	1	0	—	13.5	20	48	8	0
PORT SUDAN	20	9		03	2	5	Sc	11.0	27	84	24	0
WADI HALFA	350	12	30	01	1	3	Ac, Cs	15.2	20	43	7	0
ABU HAMAD						0	—		23	38	8	0
KAREIMA												
ATBARA												
KHARTUM	340	8	10	06	1	5	Cs	10.4	27	28	7	0
KASSALA	340	5	30	01	2	6	Cs	9.9	30	24	7	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	7	10	06		3	Ci		26	20	1	0
EL FASHER												
GENEINA	40	5	15	05	2	7	Ac		25	19	0	0
MALAKAL	140	4	30	01	2	4	Ac, Ci		30	38	14	0
WAU	00	0	10	04	1	5	Ac, Cs	6.2	32	36	15	0
JUBA	00	0	15	04	2	1	Ac	6.7	28	52	17	4

At 0600 on Monday 4th February, 1952

Station	Wind 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	250	13	15	01	1	3	Ci	11.8	-5.2	13	20	+1	10	+1	77	9	0	56	
SIDI BARANI																			
MATRUH	200	16	18	00	0	0	—	11.8	-5.4	12	19		11		77	8	0	117	
EL DABA	250	7	15	00	0	0	—			12	18		11		88	10	0	Rain	
ALEXANDRIA	220	11	35	04	0	0	—	12.7	-5.4	13	18	-1	12	+2	77	9	0	136	151
FOUAD (Airport)											18	0							113
DAMIETTA	200	5	15	00	0	0	—	13.1	-3.8	12	18	0	10	+2	88	10	0	136	73
PORT SAID	230	24	12	02	0	0	—	13.1	-4.8	14	19	+1	12	0	77	10	0	68	
EL ARISH	240	6	30	00	0	0	—	12.9	-4.7	14			12		77	10	0	73	
DAMANHUR	270	19	7	02	0	0	—	13.1	-4.3	12	20	0	10	+2	77	8	0	69	64
MANSURA	180	9	35	00	0	0	—	13.3	-3.8	12	20	0	11	+4	77	8	0	36	31
TANTA	220	8	35	02	0	0	—	13.9	-3.8	12	19	-1	10	+4	88	10	0	Rain	25
ZAGAZIG	220	1	35	02	0	0	—	13.5	-4.5	12	21	+1	10	+4	82	9	0	29	16
ISMAILIA																			
FAROUK (Airport)	200	17	12	00	0	0	—	15.9		15	20		12		72	10	0	82	
ALMAZA	200	14	15	00	0	0	—	15.4	-3.4	13	21	+1	10	+1	67	7	0	Rain	
EZBEKIYA	130	4	12	00	0	0	—	15.0	-3.0	12	21	+1	11	+3	77	8	0	60	15
GIZA	130	4	12	00	0	0	—	15.5	-2.4	13	22	+2	11	+5	77	9	0	57	16
HELWAN	140	5	15	02	0	0	—	16.6	-2.1	11	20	+1	10	+2	77	7	0	59	16
FAIYUM	360	6	35	02	0	0	—	17.5	-0.6	13	22	+1	9	+3	77	9	0	23	5
MINYA	00	0	8	00	0	0	—	17.7	-2.5	11	22	+1	8	+3	82	8	0	4	
ASYUT MANQABAD	00	0	10	00	0	0	—	18.6	-1.0	12	21	0	10	+4	77	8	0	2	
NAG HAMMADI	00	0		01	0	3	As	18.8	+0.6	12	24	+2	7	+2	63	5	0	0.1	
QENA	320	2	15	00	0	0	—	19.1	+1.1	13	24	0	7	0	67	7	0	2	
LUXOR	00	0	30	00	0	0	—	18.0	-0.1	12	24		6		59	4	0	dr.	
ASWAN	00	0	50	01	1	2	Ci	18.7	+0.2	17	24	0	11	+1	42	4	0	dr.	
SIWA	00	0	14	00	0	0	—	15.1	-4.8	12	21	+1	10	+6	77	8	0	Rain	6
BAHARIYA	220	5	35	02	0	0	—	17.6	-1.4	13	21	0	10	+4	77	9	0	1	6
FARAFRA	180	3	35	02	0	0	—	18.0		11	22		7		88	9	0	Rain	
DAKHLA	00	0	50	00	0	0	—	20.3	+0.8	11	22	-1	6	-1	51	1	0	dr	
KHARGA	00	0	15	00	0	0	—	19.0	+0.2	10	23	0	7	+1	62	3	0	dr.	
SUEZ	220	8	50	00	0	0	—	15.7	-2.0	16	21	+1			59	8	0	31	11
TOR																			10
HURGHADA	290	9	30	02	0	0	—	15.5	-2.4	17	23	+3	12	+3	49	6	0	0	
QUSEIR	330	13	15	02	0	0	—	16.0	-0.7	15	24	+1	15	+1	48	4	0	dr.	4
PORT SUDAN	340	15	30	02	2	8	Sc	14.1		24	29		24		69	18	dr.	Rain	91
WADI HALFA	360	6	50	01	1	4	Ac, Ci	18.6		12	25		10		44	0	0	dr.	
ABU HAMAD	340	11	10	03	0	3	Ac			19	31		17		40	5	0		
KAREIMA	330	10	30	02	1	4	Ac	16.4		18	29		17		37	3	0	dr.	1
ATBARA	350	16	7	07	2	7	Cs	13.2		21	32		19		41	7	0	0	2
KHARTUM	340	22	30	01	1	4	Ac, Ci	13.4		21	33		19		44	8	0	0.6	4
KASSALA	350	3	30	01	2	4	Ac, Cs	12.0		23	40		17		41	9	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	20	11	7	06	0	0	—	13.4		20	33		18		38	5	0	18	16
EL FASHER		13	30	01	1	3	Ac, Ci			17	30		15		42	4	0	13	6
GENEINA											29								4
MALAKAL	20	15	10	05	0	0	—	10.7		26	36		24		27	5	0	94	88
WAU											37								145
JUBA											36								147

Humidity

Station	3rd	Diff. from normal
Alexandria	70	+5
Ezbekiya	59	-5
Giza	64	-6
Helwan	73	+19

Grass minimum: On 4th 8.9

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Farouk Airport — On 4th At 9h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	15		230	17
950					
900					
850	1509	8		260	28
800					
700	3088	0		260	43
600					
500	5712	-12		260	58
400	7378	-25		260	69
300	9387	-41			

Remarks

UPPER WIND OBSERVATIONS on 3rd

Station	Minya		Hurghada		Asyut		Siwa		Dakhla		Kharga		Minya	
Time	14		14		14		14		14		14		20 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	29	330	20	300	15	260	12	300	16	360	20	190	16
600			320	23	280	8	260	31	320	8	10	23	180	21
1000			320	25	280	12	270	41	300	21	10	22	190	20
1500			310	28	290	31							280	23
2000					280	42								
3000					280	38								
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 4th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Nag Hammadi		Luxor		Aswan		Hurghada	
Time			5										2				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.
300			260	28									210	9			270	2	360	8		
600			260	27									270	31			280	3	360	13		
1000			260	26									280	36			280	4	360	16		
1500			260	24									270	4			310	5	30	9		
2000																	310	12	280	2		
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		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	11														
600									20	17	350	24	20	20			360	13					20	27
1000									360	20	350	19	50	20			20	12	10	25	40	5	30	47
1500									360	13	350	19	10	9			10	11	90	8	40	6	50	15
2000																			230	6	150	5		
3000									280	5	220	35	300	4			350	1	220	6			130	13
4000											190	18	330	4					210	2				
5000																								
6000																			170	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.

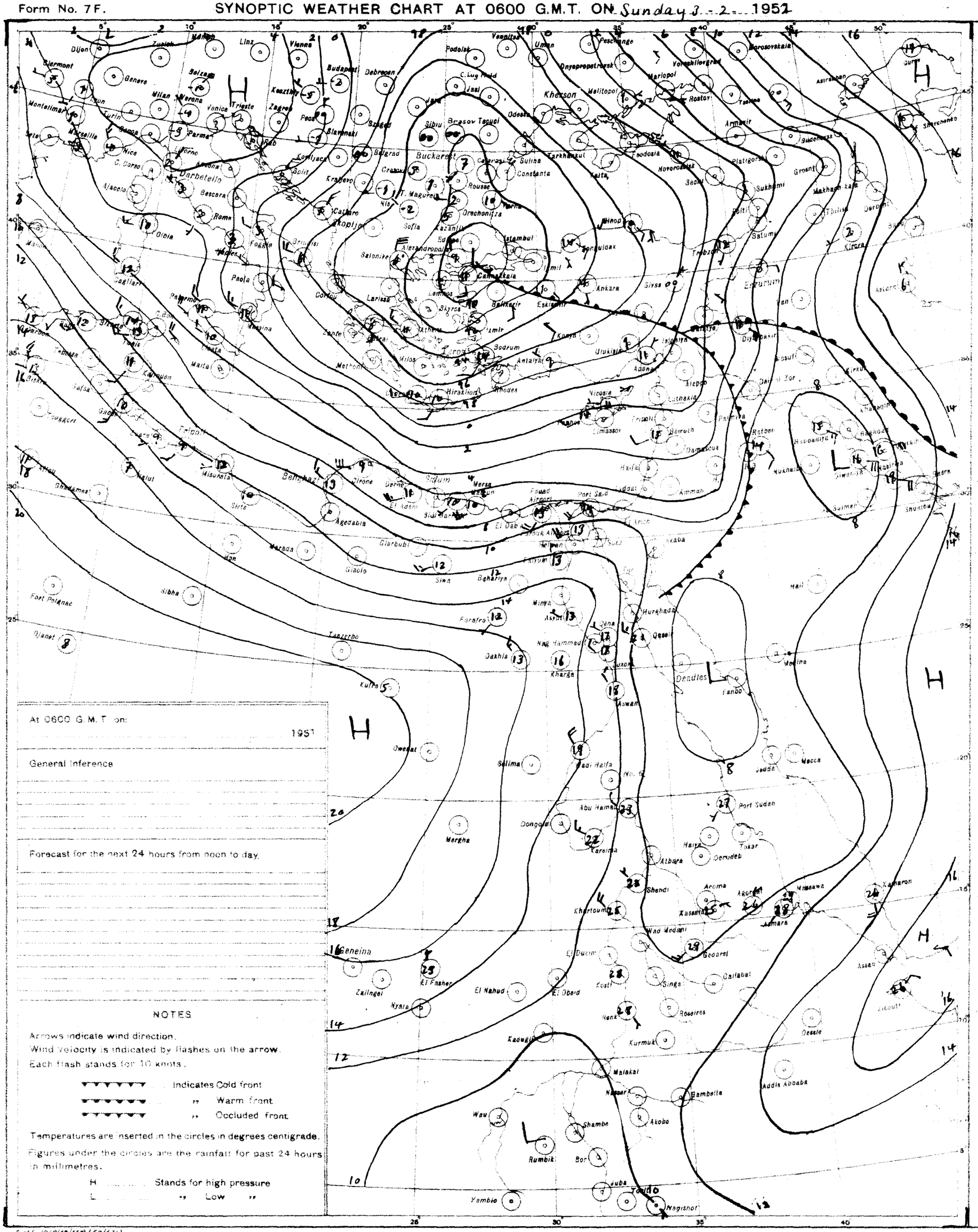
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 3-2-1952



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 reduced by	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 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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 45 G. M. T.
" " Sunset 15 34 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 4th February, 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	SALUM	250	30	15	35	3	2	St	5.6	20	41	6
	303	SIDI BARANI	80	20	10	07	0	4	Sc	5.1	19	52	9
	306	MATRUH	240	32	11	07	3	5	ac	5.8	18	52	8
	309	EL DABA	270	27	35	03	2	8	St		18	52	8
		ALEXANDRIA	220	32	50	03	2	4	cb	6.3	17	60	9
	318	FOUAD (Airport)	220	27	18	02	0	1	cb	7.1	17	64	10
	330	DAMIETTA	200	24	35	00	0	a	—	6.3	18	60	10
	333	PORT SAID	240	32	30	02	0	a	—	6.0	18	52	8
	336	EL ARISH	270	13	18	31	3	1	Cu	7.3			8
Lower Egypt	339	DAMANHUR	270	30	7	02	0	0	—	7.4	19	52	9
	342	MANSURA	320	13	35	00	0	0	—	7.4	19	46	7
	348	TANTA	220	13	35	03	2	8	Ns	8.9	19	52	9
	354	ZAGAZIG	220	1	50	02	0	0	—	8.7	20	56	11
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	220	28	10	03	0	2	Cu	9.9	20	41	6
	372	ALMAZA	230	24	15	03	1	2	Cu	9.9	20	46	8
		EZBEKIYA	270	24	18	02	1	1	Ci	9.8	20	35	4
		GIZA	270	24	18	02	1	1	Ci	10.8	21	41	7
	378	HELWAN	220	19	7	03	1	6	as	10.3	19	46	7
Upper Egypt	381	FAIYUM	360	8	35	02	0	0	—	11.5	21	33	4
	387	MINYA	290	14	8	00	0	0	—	12.3	22	33	5
	393	ASYUT MANGABAD	320	11	30	00	0	0	—	13.0	20	35	4
	399	NAG HAMMADI	290	4	15	00	0	0	—	13.8	22	44	9
	402	QENA	270	3	50	00	0	0	—	12.0	23	38	8
	405	LUXOR											
	414	ASWAN	340	4	15	07	2	4	as	12.6	23	38	8
Oases	417	SIWA	280	14	14	00	0	0	—	12.2	20	41	6
	420	BAHARIYA	270	6	35	02	0	0	—	12.0	21	57	12
	423	FARAFRA	270	9	15	02	2	0	—	14.7	21	50	10
	432	DAKHLA	340	14	35	00	0	0	—	14.7	22	29	3
	435	KHARGA	360	2	15	00	0	0	—	14.3	22	25	1
Red Sea	450	SUEZ	220	8	50	02	0	2	Cu	9.6	20	41	6
	459	TOR											
	462	HURGHADA	330	22	30	00	1	0	—				6
	465	QUSEIR	360	19	15	01	1	2	as	10.4			7
	641	PORT SUDAN	140	14	30	02	2	8	Cu, ac	6.1	28	79	24
North Sudan		WADI HALFA	350	19	30	07	0	6	ac	12.7	24	34	7
	640	ABU HAMAD	350	13	7	07	1	1	ac		31	22	7
		KAREIMA	340	15	2	07	1	7	as	10.2	29	25	7
		ATBARA	340	12	7	07	2	7	Cs	7.4	31	19	5
		KHARTUM	340	16	10	06	2	6	Cs	8.0	31	17	3
		KASSALA	260	3	30	01	2	7	Cs	2.9	39	14	7
Central Sudan		WAD MEDANI	310	13	15	02	0	2	Ci	5.8	35	13	3
		RENK	00	0	35	02	1	6	Cu		36	27	14
		ROSEIRES											
		EL OBEID	20	13	7	01	2	4	ac, ci	7.4	32	10	-3
		EL FASHER	40	10	30	02	1	7	ac, ci		29	22	5
		GENEINA	50	5	15	05	2	7	ac		29	8	-8
South Sudan		MALAKAL											
		WAU	50	4	10	04	1	7	Cc	4.8	37	22	12
		JUBA	50	9	30	94	9	7	Sc, as	6.2	34	36	17

At 1800 on Sunday 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	250	13	15	00	3	0	—	9.1	16	59	8	0
SIDI BARANI												
MATRUH	220	15	8	02	2	1	ac	9.3	13	82	10	0
EL DABA	00	0	7	03	2	7	Sc		14	82	11	0
ALEXANDRIA	270	22	35	02	2	5	cb	9.4	16	68	10	0
FOUAD (Airport)	240	13	12	81	8	7	Sc	8.5	17	72	12	dr.
DAMIETTA	200	9		03	2	5	cb	7.9	15	77	11	0
PORT SAID	230	22	6	03	0	3	ac	8.9	16	68	10	0
EL ARISH												
DAMANHUR	270	13	17	02	0	0	—	8.4	14	77	10	0
MANSURA	220	13		00	0	0	—	8.7	15	68	9	0
TANTA	220	8	35	02	1	0	—	9.8	15	68	9	0
ZAGAZIG	00	0	35	02	0	0	—	10.0	15	77	11	0
ISMAILIA												
FAROUK (Airport)	220	20	10	00	0	0	—	12.2	16	64	9	0
ALMAZA	220	17	8	00	0	0	—	11.3	17	52	7	0
EZBEKIYA	220	8	12	00	0	0	—	11.2	17	52	7	0
GIZA	220	8	12	00	0	0	—	12.2	16	59	8	0
HELWAN	220	4	3	01	1	0	—	12.8	16	59	8	0
FAIYUM	00	0	35	02	0	0	—	13.5	15	68	9	0
MINYA	00	0	8	00	0	0	—	14.7	13	67	7	0
ASYUT MANGABAD	270	5	12	00	0	0	—	15.1	16	52	6	0
NAG HAMMADI	340	2		01	0	3	ac	13.3	15	77	11	0
QENA	270	3	7	00	0	0	—	12.8	15	48	4	0
LUXOR	00	0	12	00	0	0	—	15.3	18	40	4	0
ASWAN	360	5	15	00	0	0	—	15.4	19	46	7	0
SIWA	260	10	10	00	0	0	—	12.8	16	64	9	0
BAHARIYA	360	2	15	02	0	0	—	14.3	14	77	10	0
FARAFRA	220	1	15	02	1	0	—	16.2	14	77	10	0
DAKHLA	320	8	35	00	0	0	—	17.0	16	36	1	0
KHARGA	00	0	15	00	0	0	—	15.9	17	68	11	0
SUEZ	270	6	35	01	0	0	—	12.4	18	46	6	0
TOR												
HURGHADA	320	19	12	02	0	0	—	12.4	17	39	3	0
QUSEIR	330	19	15	01	1	0	—	13.5	20	48	8	0
PORT SUDAN	20	9		03	2	5	Sc	11.0	27	84	24	0
WADI HALFA	350	12	30	01	1	3	ac, Cs	15.2	20	43	7	0
ABU HAMAD						0	—		23	38	8	0
KAREIMA												
ATBARA												
KHARTUM	340	8	10	06	1	5	Cs	10.4	27	28	7	0
KASSALA	340	5	30	01	2	6	Cs	9.9	30	24	7	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	7	10	06		3	ci		26	20	1	0
EL FASHER												
GENEINA	40	5	15	05	2	7	ac		25	19	0	0
MALAKAL	140	4	30	01	2	4	ac, ci		30	38	14	0
WAU	00	0	10	04	1	5	ac, Cs	6.2	32	36	15	0
JUBA	00	0	15	04	2	1	ac	6.7	28	52	17	4

At 0600 on Monday 4th February, 1952

Station	Wind 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	250	13	15	01	1	3	Ci	11.8	-5.2	13	20	+1	10	+1	77	9	0	56	
SIDI BARANI																			
MATRUH	200	16	18	00	0	0	—	11.8	-5.4	12	19		11		77	8	0	117	
EL DABA	250	7	15	00	0	0	—			12	18		11		88	10	0	Rain	
ALEXANDRIA	220	11	35	04	0	0	—	12.7	-5.4	13	18	-1	12	+2	77	9	0	136	151
FOUAD (Airport)											18	0							113
DAMIETTA	200	5	15	00	0	0	—	13.1	-3.8	12	18	0	10	+2	88	10	0	136	73
PORT SAID	230	24	12	02	0	0	—	13.1	-4.8	14	19	+1	12	0	77	10	0	68	
EL ARISH	240	6	30	00	0	0	—	12.9	-4.7	14			12		77	10	0	73	
DAMANHUR	270	19	7	02	0	0	—	13.1	-4.3	12	20	0	10	+2	77	8	0	69	64
MANSURA	180	9	35	00	0	0	—	13.3	-3.8	12	20	0	11	+4	77	8	0	36	31
TANTA	220	8	35	02	0	0	—	13.9	-3.8	12	19	-1	10	+4	88	10	0	Rain	25
ZAGAZIG	220	1	35	01	0	0	—	13.5	-4.5	12	21	+1	10	+4	82	9	0	29	16
ISMAILIA																			
FAROUK (Airport)	200	17	12	00	0	0	—	15.9		15	20		12		72	10	0	82	
ALMAZA	200	14	15	00	0	0	—	15.4	-3.4	13	21	+1	10	+1	67	7	0	Rain	
EZBEKIYA	130	4	12	00	0	0	—	15.0	-3.0	12	21	+1	11	+3	77	8	0	60	15
GIZA	130	4	12	00	0	0	—	15.5	-2.4	13	22	+2	11	+5	77	9	0	57	16
HELWAN	140	5	15	02	0	0	—	16.6	-2.1	11	20	+1	10	+2	77	7	0	59	16
FAIYUM	360	6	35	02	0	0	—	17.5	-0.6	13	22	+1	9	+3	77	9	0	23	5
MINYA	00	0	8	00	0	0	—	17.7	-2.5	11	22	+1	8	+3	82	8	0	4	
ASYUT MANGABAD	00	0	10	00	0	0	—	18.6	-1.0	12	21	0	10	+4	77	8	0	2	
NAG HAMMADI	00	0		01	0	3	as	18.8	+0.6	12	24	+2	7	+2	63	5	0	0.1	
QENA	320	2	15	00	0	0	—	19.1	+1.1	13	24	0	7	0	67	7	0	2	
LUXOR	00	0	30	00	0	0	—	18.0	-0.1	12	24		6		59	4	0	dr.	
ASWAN	00	0	50	01	1	2	Ci	18.7	+0.2	17	24	0	11	+1	42	4	0	dr.	
SIWA	00	0	14	00	0	0	—	15.1	-4.8	12	21	+1	10	+6	77	8	0	Rain	6
BAHARIYA	220	5	35	02	0	0	—	17.6	-1.4	13	21	0	10	+4	77	9	0	1	6
FARAFRA	180	3	35	02	0	0	—	18.0		11	22		7		88	9	0	Rain	
DAKHLA	00	0	50	00	0	0	—	20.3	+0.8	11	22	-1	6	-1	51	1	0	dr	
KHARGA	00	0	15	00	0	0	—	19.0	+0.2	10	23	0	7	+1	62	3	0	dr.	
SUEZ	220	8	50	00	0	0	—	15.7	-2.0	16	21	+1			59	8	0	31	11
TOR																			10
HURGHADA	290	9	30	02	0	0	—	15.5	-2.4	17	23	+3	12	+3	49	6	0	0	
QUSEIR	330	13	15	02	0	0	—	16.0	-0.7	15	24	+1	15	+1	48	4	0	dr.	4
PORT SUDAN	340	15	30	02	2	8	Sc	14.1		24	29		24		69	18	dr.	Rain	91
WADI HALFA	360	6	50	01	1	4	ac, Ci	18.6		12	25		10		44	0	0	dr.	
ABU HAMAD	340	11	10	03	0	3	ac			19	31		17		40	5	0		
KAREIMA	330	10	30	02	1	4	ac	16.4		18	29		17		37	3	0	dr.	1
ATBARA	350	16	7	07	2	7	Cs	13.2		21	32		19		41	7	0	0	2
KHARTUM	340	22	30	01	1	4	ac, Ci	13.4		21	33		19		44	8	0	0.6	4
KASSALA	350	3	30	01	2	4	ac, Cs	12.0		23	40		17		41	9	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	20	11	7	06	0	0	—	13.4		20	33		18		38	5	0	18	16
EL FASHER		13	30	01	1	3	ac, Ci			17	30		15		42	4	0	13	6
GENEINA											29								4
MALAKAL	20	15	10	05	0	0	—	10.7		26	36		24		27	5	0	94	88
WAU											37								145
JUBA											36								147

	3rd	
Alexandria	70	+5
Ezbekiya	59	-5
Giza	64	-6
Helwan	73	+19

Grass min. on 4th 8.9

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Farouk Airport — On 4th At 9h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	15		230	17
950					
900					
850	1509	8		260	28
800					
700	3088	0		260	43
600					
500	5712	-12		260	58
400	7378	-25		260	69
300	9387	-41			

UPPER WIND OBSERVATIONS on 3rd

Station	Minya		Hurghada		Asyut		Siwa		Dakhla		Kharga		Minya	
Time	14		14		14		14		14		14		20 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	29	330	20	300	15	260	12	300	16	360	20	190	16
600			320	23	280	8	260	31	320	8	10	23	180	21
1000			320	25	280	12	270	41	300	21	10	22	190	20
1500			310	28	290	31							280	23
2000					280	42								
3000					280	38								
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 4th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan	
Time			5										2				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.
300			260	28									210	9			270	2	360	8
600			260	27									270	31			280	3	360	13
1000			260	26									280	36			280	4	360	16
1500			260	24									270	4			310	5	30	9
2000																	310	12	280	2
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		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	11														
600									20	17	350	24	20	20			360	13					20	27
1000									360	20	350	19	50	20			20	12	10	25	40	5	30	47
1500									360	13	350	19	10	9			10	11	90	8	40	6	50	15
2000																			230	6	150	5		
3000									280	5	220	35	300	4			350	1	220	6			130	13
4000											190	18	330	4					210	2				
5000																								
6000																			170	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.

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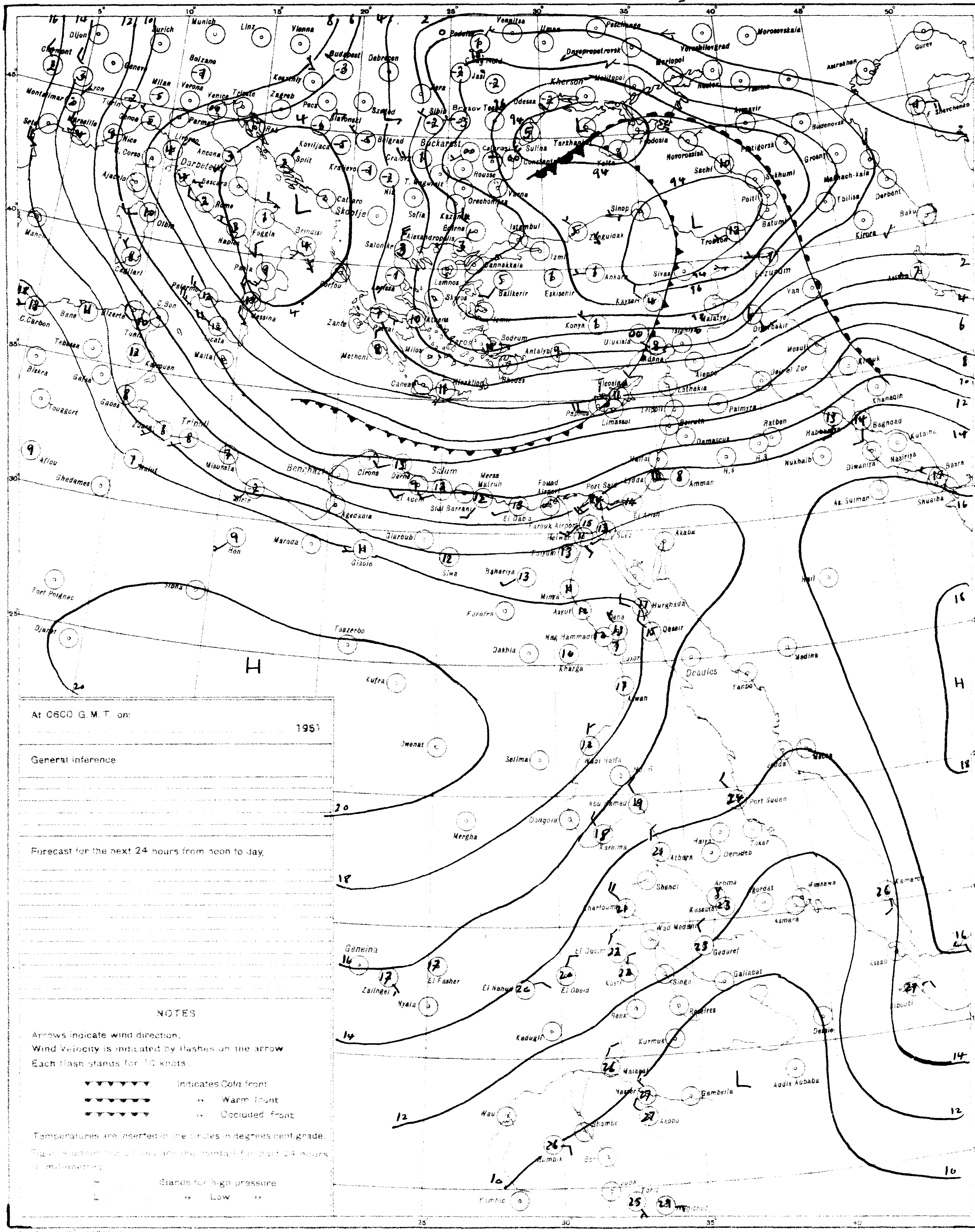
Annual Subscription

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 4-2-1952*



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 mist, sand or fog or cloud amount cannot be estimated owing to darkness	9

G.P.T. 949/49/5511 (50/53)

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 7F.

DAILY WEATHER REPORT

Date: Tuesday 5th February, 1952

At 1200 on Monday 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	250	13	35	03	2	6	Cu,Sc	11.3	21	47	9
	303	SÎDI BARÂNI											
	306	MATRÛH	220	20	18	03	0	3	Ac,Ci	12.7	17	56	8
	309	EL DABA	290	10	35	00	0	0	—		20	46	8
		ALEXANDRIA	220	22	50	03	1	4		12.4	18	60	10
	818	FOUAD (Airport)	240	24	30	00	0	0	—	12.8	19	52	9
	330	DAMIETTA	250	9	35	03	1	3	Cu	12.4	19	64	12
	333	PORT SA'ÎD	230	18	30	03	0	0	—	12.3	20	60	12
	336	EL 'ARISH	270	12	12	03	0	1	Cu	12.9	21	50	10
LOWER EGYPT	339	DAMANHUR	270	13	15	02	0	0	—	12.7	20	56	11
	342	MANSURA	180	13	35	00	0	0	—	12.6	21	50	10
	348	TANTA	310	13	35	02	1	0	—	13.3	21	50	10
	354	ZAGAZIG	140	1	35	03	1	3	Cu	13.0	20	73	15
	440	ISMAÎLÎA											
CAIRO AREA	366	FAROUK (Airport)	200	20	14	00	0	0	—	14.8	18	52	8
	372	ALMÂZA	210	16	15	03	0	2	Sc	14.2	21	41	7
		EZBEKÎYA	220	8	18	02	1	2	Cu	13.9	23	44	10
		GÎZA	220	8	18	02	1	2	Cu	14.6	23	44	10
	378	HELWÂN	200	18	15	01	1	2	Cu	14.7	21	41	7
UPPER EGYPT	381	FAIYÛM	00	0	35	02	0	0	—	15.8	21	50	10
	387	MINYA	260	7	10	00	0	0	—	15.4	24	28	4
	393	ASYÛT MANQABÂD	330	5	30	02	1	1	Cu	16.2	22	47	10
	399	NAG' HAMMÂDI	340	2	15	00	0	0	—	16.0	23	44	10
	402	QENA	270	2	50	00	0	0	—	14.3	24	38	9
	405	LUXOR	20	4	18	00	0	0	—		20	43	7
	414	ASWÂN	340	3	50	01	1	2	Ci	15.0	24	21	0
OASES	417	SÎWA	250	9	14	00	0	0	—	14.7	21	41	7
	420	BAHARÎYA	270	2	35	02	0	0	—	15.5	23	61	15
	423	FARAFRA	220	1	35	02	0	0	—	16.4	23	44	10
	432	DAKHLA	340	11	50	00	0	0	—	16.0	22	50	11
	435	KHARGA	00	0	15	00	0	0	—	15.8	24	38	9
RED SEA	450	SUEZ	130	8	50	03	0	2	Cu	13.5	22	44	9
	459	TÛR	340	9	50	02	0	0	—		23	65	16
	462	HURGHÂDA											
	465	QUSEIR	20	13	15	02	0	0	—	15.4			9
	641	PORT SÛDÂN	40	13	30	02	2	7	Sc	12.2	27	58	18
NORTH SÛDÂN	600	WÂDI HALFA	10	15	50	02	1	3	Ac	14.3	25	21	1
	640	ABU HAMAD	360	5	30	01	2	6	Ac		27	16	-1
	660	KAREIMA	20	12	30	03	1	4	Ac	11.5	27	20	2
	680	'ATBARA	340	10	10	05	2	6	Ac	9.0	30	25	8
	721	KHARTÛM	350	5	30	02	0	1	Ci	8.5	30	22	6
	730	KASSALA	340	1	30	03	1	6	Ac,Cs	5.3	37	27	15
CENTRAL SÛDÂN	751	WÂD MEDANI	360	5	35	02	0	2	Ci	7.0	33	19	6
	801	RENK	310	9	35	02	1	4	Cu	7.2	34	20	8
	802	ROSEIRES	310	2	35	02	1	6	Ci	5.4	36	35	18
	771	EL OBEID	80	7	30	02	0	0	—	8.3	30	18	3
	760	EL FÂSHER	40	5	30	03	1	6	Ac,Cs		29	27	8
	770	GENEINA	00	0	30	01	2	1	Ac		31	16	2
S. SÛDÂN	840	MALAKÂL	50	14	10	05	0	1	Ac	5.1	37	13	4
	880	WÂU	50	6	10	04	0	1	Cu	3.9	37	22	12
	941	JUBA	70	9	30	04	1	3	Cu	3.2	39	16	9

At 1800 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.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	250	9	15	01	1	3	Sc	11.8	17	60	9	0
SÎDI BARÂNI												
MATRÛH	200	8	12	02	2	5	Ac,Cs	11.7	15	63	8	0
EL DABA	250	4	7	01	1	3	Cu		15	36	0	0
ALEXANDRIA	220	13	7	02	2	5		13.1	16	64	9	0
FOUAD (Airport)	260	12	12	01	1	1	Ac	12.8	16	68	10	0
DAMIETTA	180	2	7	01	1	2	Ac	13.9	14	88	12	0
PORT SA'ÎD	240	9	12	03	0	6	Ac	13.9	17	68	11	0
EL 'ARISH												
DAMANHUR	270	9	15	02	1	1	Ac	13.1	14	77	10	0
MANSURA	270	5		02	1	3	Cu	13.8	15	68	9	0
TANTA	00	0	35	02	0	0	—	14.0	15	68	9	0
ZAGAZIG	220	1	35	02	1	0	—	13.5			10	0
ISMAÎLÎA												
FAROUK (Airport)	220	12	12	01	0	1	Sc	15.3	19	56	10	0
ALMÂZA	180	8	12	01	1	2	Sc	14.5	17	60	9	0
EZBEKÎYA	00	0	12	00	0	0	—	14.4	16	64	9	0
GÎZA	00	0	12	00	0	0	—	15.4	15	68	9	0
HELWÂN	180	4	7	01	0	0	—	15.4	16	59	8	0
FAIYÛM	00	0	35	02	0	0	—	15.5	16	68	10	0
MINYA	00	0	8	00	0	0	—	15.8	14	59	6	0
ASYÛT MANQABÂD		3	10	00	0	0	—	16.6	18	52	8	0
NAG' HAMMÂDI	20	1		01	1	0			12	63	5	0
QENA	320	2	7	00	0	0	—	15.0	16	49	5	0
LUXOR	00	0	12	00	0	0	—	16.0	17	42	4	0
ASWÂN	00	0	15	00	0	0	—	15.8	20	17	-6	0
SÎWA	190	4	14	00	0	0	—	13.9	16	68	10	0
BAHARÎYA	00	0	15	02	0	0	—	15.9	15	77	11	0
FARAFRA	220	10	15	02	0	0	—		18	56	9	0
DAKHLA	320	8	35	00	0	0	—	18.0	16	42	3	0
KHARGA	00	0	15	00	0	0	—	17.0	18	28	-1	0
SUEZ	180	2	35	01	0	0	—	16.2	18	73	13	0
TÛR	20	5		02	0	0	—	14.6	18	46	6	0
HURGHÂDA	270	7	30	02	0	0	—	14.5	18	52	8	0
QUSEIR	330	13	15	02	0	0	—	15.9	20	56	11	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 Tuesday 5th February, 1952

STATION	WIND 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		03	2	6	Sc,Cu	14.4	-2.6	14	22	+3	10	+1	67	8	0	56	
SÎDI BARÂNI																			
MATRÛH	180	4	14	03	0	4	Ci	14.7	-2.5	11	22		10		82	8	0	116	
EL DABA	00	6	15	00	0	0	—			11	21		9		88	9	0	Rain	
ALEXANDRIA	220	6	50	03	2	4	Cs	15.6	-2.4	15	19	0	12	+2	68	9	0	136	151
FOUAD (Airport)	220	8	18	03	0	2	Ci	15.3	-2.5	13	20	+2	12	+3	82	10	0	143	114
DAMIETTA	220	5	15	02	1	2	Ac	16.0	-0.9	12	20	+2	10	+2	77	8	0	136	73
PORT SA'ÎD	240	11	12	02	1	1	Ci	16.1	-1.7	15	20	+2	14	+2	68	9	0	68	
EL 'ARISH	240	6	30	01	1	1	Ci	15.6	-2.0	16			13		59	8	0	73	
DAMANHUR	230	5	7	02	1	1	Ci	15.6	-1.8	13	23	+3	10	+2	77	9	0	69	65
MANSURA	140	5	35	02	1	2	Cs	16.2	-0.8	10	22	+2	9	+2	88	8	0	36	31
TANTA	220	2	35	01	1	2	Cu	16.3	-1.3	12	21	0	10	+4	77	8	0	Rain	25
ZAGAZIG	220	1	35	02	0	0	—	17.5	-0.5	12	22	+2	10	+4	77	8	0	29	16
ISMAÎLÎA																			
FAROUK (Airport)	200	16	13	03	0	1	Ci	17.2		15	22		13		63	8	0	82	
ALMÂZA	160	8	15	03	0	1	Ci	16.5	-2.2	14	22	+2	13	+4	59	6	0	Rain	
EZBEKÎYA	180	4	12	00	0	0	—	16.7	-1.3	14	24	+4	13	+5	63	7	0	60	15
GÎZA	180	4	12	00	0	0	—	16.8	-1.0	15	24	+4	11	+5	59	7	0	57	16
HELWÂN	140	4	15	02	0	1	Ci	17.8	-0.9	15	21	+2	13	+5	59	7	0	59	16
FAIYÛM	00	0	35	02	0	0	—	18.8	+0.6	12	25	+4	8	+1	77	8	0	23	5
MINYA	180	3	8	00	0	0	—	18.2	-2.0	12			6	+1	67	6	0	4	
ASYÛT MANQABÂD	160	4	8	10	0	0	—	18.4	-1.2	12	23	+2	9	+3	67	6	0	2	
NAG' HAMMÂDI	00	0	3	10	0	0	—	18.2	+0.2	12	24	+2	7	+2	63	5	0	0.1	
QENA	360	2	15	00	0	0	—	18.4	+0.5	12	24	0	7	0	63	5	0	2	
LUXOR	00	0	30	00	0	0	—	17.8	-0.3	13	25		8		55	4	0	dr.	
ASWÂN	360	1	50	00	0	0	—	17.9	-0.6	17	25	+1	11	0	42	4	0	dr.	
SÎWA	00	0	14	00	0	0		15.4	-4.4	12	22	+1	8	+4	77	8	0	Rain	6
BAHARÎYA	00	0	35	02	0	0	—	18.4	-0.4	11	24	+3	7	+1	63	4	0	1	6
FARAFRA	00	0	35	02	0	0	—	17.9		9	24		5		58	1	0	Rain	
DAKHLA	00	0	50	00	0	0	—	18.8	-0.6	9	23	0	6	+1	47	-2	0	dr.	
KHARGA	00	0	15	00	0	0	—	18.2	-0.5	11	25	+2	7	+1	51	1	0	dr.	
SUEZ	180	3	50	00	0	1	Cu	17.9	+0.3	15	24	+4	12	+2	77	11	0	31	11
TÛR	90	2	15	02	0	0	—	16.6	-0.7	14	24	+3	10	+1	67	8	0	1	10
HURGHADA	290	10	30	02	0	0	—	15.5	-2.3	15	22	+2	12	+3	55	6	0	0	
QUSEIR	330	13	15	02	0	0	—	16.4	-0.2	16	25	+2	15	+1	59	8	0	dr.	4
PORT SÛDÂN	360	10	30	01	2	1	Sc,Cu	14.9		23	27		20		74	18	0	Rain	91
WÂDI HALFA	250	5	30	01	0	0	—	16.5		12	26		9		51	2	0	dr.	
ABU HAMAD	360	7	30	03	1	6	Ac			14			15		34	-2	0		
KAREIMA	50	7	30	02	0	0	—	10.4		18	28		16		37	3	0	dr.	1
'ATBARA	350	12	30	01	2	4	Ac	12.3		21	31		20		31	3	0	0	2
KHARTÛM	350	6	15	05	0	0	—	12.1		21	31		18		23	-1	0	6	4
KASSALA																			8
WÂD MEDANI	360	5	50	02	0	0	—	8.2		22	35		16		25	1	0	20	12
RENK																			49
ROSEIRES	310	2	35	02	0	0	—	11.7			38		19			12	0	92	36
EL OBEID	20	11	50	02	0	0	—	11.9		21	31				26	1	0	18	16
EL FÂSHER																			6
GENEINA	20		35	02	1	5	Cc			22	35		20		44	9	0		4
MALAKÂL																			88
WÂU	360	3	10	03	0	0	—	8.0		25	39		23		51	14	0	152	145
JUBA	310	2	15	04	2	4		7.8		28			22		42	14	0	224	147

HUMIDITY %

Mean of day

STATION	on 4th	Diff. from normal
Alexandria	68	+3
Ezbekîya	61	-3
Gîza	66	-3
Helwân	63	

GÎZA

GRASS MINIMUM TEMP. ON 5th 8.6 °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 4th

STATION	Almaza		Minya		Siwa		Dakhla		Kharga		Hurghada		Luxor										Port Said		Minya	
TIME	14		14		14		14		14		14		14 45										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	240	18	300	6	260	20	330	4	300	6	360	24	340	8									240	17	360	6
600	240	4	290	6	260	21	320	7	290	9	320	26	330	7									240	21	10	5
1000	250	15	290	10	270	22	260	10	290	10	320	22	320	6									240	29	300	30
1500	250	23	290	9	260	25	250	13			270	18	320	8									240	31	40	12
2000	250	27	290	6	260	26							270	7									240	29		
3000													240	10									240	28		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA					
TIME			8		8		2				6 45		2		8		5 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.	DIR.	VEL.
300			170	4	260	7	260	20			150	6	170	4	170	4	90	1	360	5						
600			200	3	240	9	260	29			210	7	160	5	360	2	10	5	30	13						
1000			160	12	250	16	260	27			280	16	150	8	320	2	340	9	10	10						
1500			150	24	260	22	250	25			260	15	140	10	350	4			30	2						
2000			150	26	270	24	240	12			240	17			240	9			70	4						
3000					240	14					250	27			240	14										
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																	
HEIGHT m.	DIR.	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	9					160	3																
600	160	9					140	4																
1000							360	3																
1500	210	17					10	4																
2000	230	16			330	12																		
3000					260	14																		
4000	260	20			240	10																		
5000	260	30																						
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.

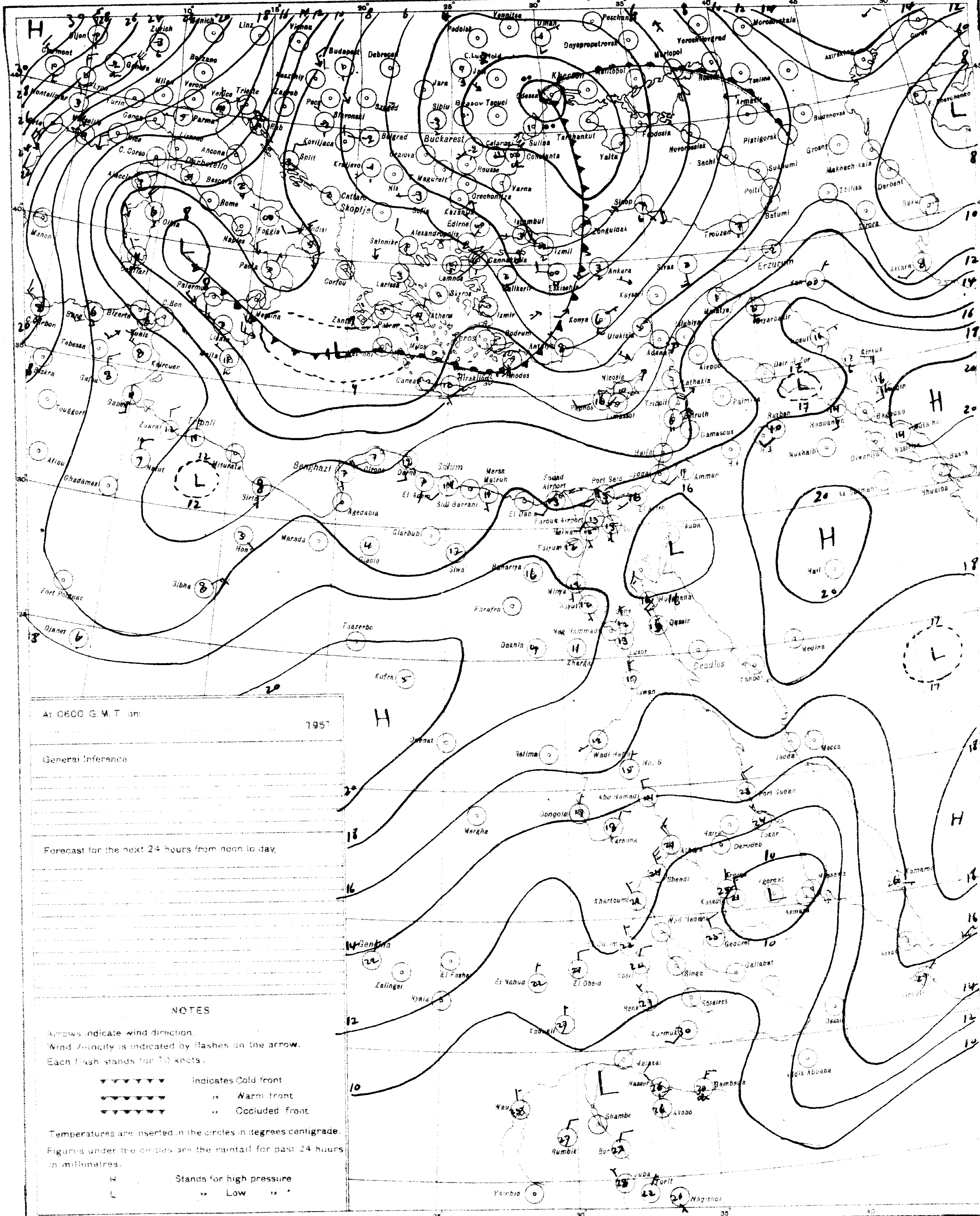
Note: All times are G.M.T.

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 5/2/1952



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.

(cold front symbol)	Indicates Cold front
(warm front symbol)	,, Warm front
(occluded front symbol)	,, 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 Fc
Cumulonimbus	Cb
Stratus or Fractostratus	St Fs

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

S of E 1549(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 43 G.M.T.

Time of Sunset 15 35 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 6th February, 1952

At 1200 on Tuesday 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
62300	SALŪM	70	9	35	00	0	0	—	12.7	19	46	7
305	SIDI BARĀNI	30	3	18	01	1	1	Sc	12.7	18	60	10
306	MATRŪH	200	7	18	02	0	1	ac	14.0	22	36	6
309	EL DABʻA	00	0	35	00	0	0	—		22	36	6
	ALEXANDRIA	360	5	50	01	2	2	Cu	15.2	20	56	11
318	FOUAD (Airport)	310	10	18	03	0	1	Cu	15.0	22	53	12
330	DAMIETTA											
333	PORT SAʻID	40	4	30	03	0	1	Cu	15.7	20	73	15
336	EL ʻARISH											
339	DAMANHŪR	270	9		02	1	1	Cu	15.5	23	50	12
342	MANSŪRA	270	5	35	02	1	2	Cu	15.4	23	44	10
348	TANTA	270	2	35	01	1	2	Cu	15.4	24	47	12
354	ZAGAZIG	220	1	35	02	0	0	—	15.8	23	61	15
440	ISMAʻILIA											
366	FAROUK (Airport)	220	6	30	00	0	0	—	16.2	23	44	10
370	ALMAZA	220	8	30	00	0	0	—	15.3	23	38	8
	EZBEKIYA	00	0	18	00	0	0	—	15.2	23	38	8
	GIZA	00	0	18	00	0	0	—	15.5	25	42	11
375	HELWĀN	00	0	35	02	0	0	—	16.2	22	44	9
381	FAIYŪM											
387	MINYA	180	2	10	00	0	0	—	15.7	24	36	8
393	ASYŪT MANGABAD	340	2	30	00	0	0	—	15.8	23	41	9
399	NAG HAMMADI	290	2	7	00	0	1	ac	15.9	25	42	11
403	QENA	270	2	50	00	0	0	—	14.4	25	42	11
405	LUXOR	360	5	30	00	0	0	—	14.4	24	32	6
414	ASWAN	340	5	50	00	0	0	—	13.3	26	18	0
417	SIWA	220	7	14	00	0	0	—	15.1	22	41	8
420	BAHARIYA	180	1	35	02	0	0	—	15.2	25	54	15
423	FARAFRA	180	2	35	02	0	0	—	15.6	25	42	11
432	DAKHLA	160	5	50	00	0	0	—	15.2	26	25	4
435	KHARGA	00	0	15	00	0	0	—	15.1	24	32	6
450	SUEZ	280	4	50	02	0	1	Cu	15.1	22	44	9
459	TOR											
462	HURGHADA	20	11	30	02	0	0	—	14.0	22	47	10
465	QUSEIR	360	13	15	02	0	0	—	14.2	23	44	10
641	PORT SUDAN											
600	WADI HALFA											
640	ABU HAMAD											
660	KAREIMA											
680	ATBARA											
721	KHARTUM											
730	KASSALA											
	WAD MEDANI											
	RENK											
	ROSEIRES											
	EL OBEID											
	EL FASHER											
	GENEINA											
840	MALAKAL											
880	WAU											
941	JUBA											

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
SALŪM	90	9	15	00	0	2	Sc	11.6	17	68	11	0
SIDI BARĀNI	110	12	18	01	1	1	Sc	11.0	16	82	13	0
MATRŪH	80	6	12	01	0	0	—	13.3	15	82	12	0
EL DABʻA	00	0	7	00	0	0	—		14	88	12	0
ALEXANDRIA	90	9	35	00	0	0	—	15.0	16	88	14	0
FOUAD (Airport)	60	6	12	02	0	0	—	15.0	13	97	13	0
DAMIETTA	270	2	7	00	0	0	—	16.8	16	88	14	0
PORT SAʻID	50	8	14	01	0	0	—	16.6	17	83	14	0
EL ʻARISH	60	4	18	00	0	0	—	16.4	15	88	13	0
DAMANHŪR	130	5	7	02	0	0	—	15.5	14	77	10	0
MANSŪRA	270	3		00	1	0	—	16.6	16	77	12	0
TANTA	00	0	35	02	0	0	—	16.2	13	77	9	0
ZAGAZIG	220	1	35	02	0	0	—	15.4	16	77	12	0
ISMAʻILIA												
FAROUK (Airport)	90	7	12	00	0	0	—	16.4	18	52	8	0
ALMAZA	160	5	15	00	0	0	—	15.8	18	52	8	0
EZBEKIYA	00	0	12	00	0	0	—	15.6	16	68	10	0
GIZA	00	0	12	00	0	0	—	16.2	16	68	10	0
HELWĀN	00	0	7	02	0	0	—	16.2	18	52	8	0
FAIYŪM	00	0	35	02	0	0	—	16.3	16	59	8	0
MINYA	00	0	8	00	0	0	—	15.4	15	59	7	0
ASYŪT MANGABAD	00	0	12	00	0	0	—	15.6	18	56	9	0
NAG HAMMADI	00	0		03	0	6	As	15.1	16	68	10	0
QENA	320	2	7	00	0	0	—	14.3	17	68	11	0
LUXOR	00	0	12	00	0	0	—	14.0	15	48	4	0
ASWAN	360	4	15	00	0	0	—	13.3	20	33	3	0
SIWA	00	0	10	00	0	0	—	13.6	15	72	10	0
BAHARIYA												
FARAFRA	130	1	15	02	0	0	—	15.1	16	59	8	0
DAKHLA	320	8	35	00	0	0	—	16.6	19	30	1	0
KHARGA	00	0	15	00	0	0	—	15.6	18	28	-1	0
SUEZ	00	0	35	01	0	0	—	16.2	16	77	12	0
TOR												
HURGHADA	300	9	12	02	0	0	—	14.0	18	52	8	0
QUSEIR	330	13	15	02	0	0	—	15.5	20	56	11	0

At 0600 on Wednesday 6th February, 1952

Station	Wind 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
SALŪM	200	13	15	03	1	5	Ci	9.8	-7.1	16	21	+2	13	+4	49	5	0	56	
SIDI BARĀNI											23								
MATRŪH	140	12	14	03	0	3	ac, ci	11.9	-5.2	13	22		12		67	7	0	116	
EL DABʻA	180	2	15	00	0	0	—			12	23		8		77	8	0	Rain	
ALEXANDRIA	130	13	35	04	1	2	Cu	14.7	-3.3	13	21	+2	12	+2	77	9	0	136	152
FOUAD (Airport)	100	7	14	02	0	0	—	14.6	-3.2	12	22	+4	10	+1	88	10	0	143	115
DAMIETTA	110	2	15	00	0	0	—	15.1	-1.8	12	22	+4	10	+2	77	8	0	136	74
PORT SAʻID	110	12	12	02	0	0	—	15.7	-2.1	17	22	+4	14	+2	77	13	0	68	
EL ʻARISH	160	2	30	01	0	0	—	15.2	-2.4	14	22		9	+1	67	8	0	73	
DAMANHŪR	180	9	7	02	0	0	—	14.8	-2.5	12	24	+4	10	+2	72	8	0	69	65
MANSŪRA	40	3	35	00	0	0	—	15.5	-1.5	11	24	+4	10	+3	88	9	0	36	32
TANTA	130	2	35	01	0	0	—	15.0	-2.6	12	24	+3	9	+2	77	8	0	Rain	25
ZAGAZIG	220	1	35	02	0	0	—	15.2	-2.7	11	24	+4	11	+5	88	9	0	29	16
ISMAʻILIA																			
FAROUK (Airport)	320	2	10	05	0	0	—	15.5		14	23		13		77	10	0	82	
ALMAZA	70	4	12	00	0	0	—	14.8	-3.9	14	23	+3	12	+3	67	8	0	Rain	
EZBEKIYA	00	0	12	00	0	0	—	14.4	-3.5	13	25	+4	10	+2	77	9	0	60	15
GIZA	00	0	12	00	0	0	—	15.2	-2.6	11	26	+6	7	+1	88	9	0	57	16
HELWĀN	00	0	7	02	0	0	—	15.1	-3.5	15	23	+4	13	+5	59	7	0	59	16
FAIYŪM	00	0	35	02	0	0	—			13	26	+4	7	0	67	7	0	23	5
MINYA	00	0	6	00	0	0	—			9	25	+3	5	0	88	7	0	4	
ASYŪT MANGABAD	130	2	12	00	0	0	—	15.4	-4.1	12	23	+2	10	+4	67	6	0	2	
NAG HAMMADI	00	0		01	0	0	—	15.8	-2.3	12	27	+5	7	+2	63	5	0	0.1	
QENA	40	2	15	00	0	0	—	14.6	-3.8	13	27	+3	8	+3	55	4	0	2	
LUXOR	00	0	30	00	0	0	—	14.6	-3.4	12	26		6		51	2	0	dr.	
ASWAN	360	4	50	01	1	2	ac	13.6	-4.8	15	27	+2	11	0	59	7	0	dr.	
SIWA	90	4	12	00	0	0	—	12.3	-7.4	11	22	+1	9	+5	71	6	0	Rain	6
BAHARIYA																			6
FARAFRA	00	0	35	02	0	0	—	15.1		10	27		5		76	6	0	Rain	
DAKHLA	00	0	50	00	0	0	—	16.0	-3.4	10	27	+4	7	+1	38	-4	0	dr.	
KHARGA	00	0	35	00	0	0	—	14.8	-3.8	13	25	+2	8	+2	44	1	0	dr.	
SUEZ	310	3	50	00	0	0	—	15.5	-2.0	14			10	0	67	8	0	31	11
TOR																			10
HURGHADA	290	9	30	02	0	0	—	13.3	-4.5	16	22	+2	10	+1	39	2	0	0	
QUSEIR	310	9	15	02	0	0	—	14.2	-2.3	16	23	0	15	+1	49	5	0	dr.	4
PORT SUDAN																			91
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			1
ATBARA																			2
KHARTUM																			4
KASSALA																			8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID																			16
EL FASHER																			6
GENEINA																			4
MALAKAL																			88
WAU																			145
JUBA																			148

Humidity % Mean of day

Station	5th	Diff from normal
Alexandria	74	+9
Ezbekiya	59	-5
Giza	59	-10
Helwan	47	-7

Grass [illegible]	
6th	4.6

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

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

Remarks

UPPER WIND OBSERVATIONS on 5th

Station	Kharga		Dakhla		Asyut		Minya		S.Barani		Hurghada		Matruh		Luxor		Almaza		Minya	
Time	14		14		14		14		14		14		14		14		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.
300	360	9	150	3	10	5	170	4	70	6	330	12	200	10	360	6	90	19	80	8
600	360	13	170	4	120	1	200	3	200	13	320	13	200	9	330	7	110	5	150	3
1000	10	16	140	6	200	3	210	4	220	17	300	16	210	10	270	5	100	28	120	3
1500	10	11	110	5	220	7	260	6			260	19	220	16	330	4	170	6	150	4
2000			200	4	260	8	240	4					230	23	170	8	220	7		
3000					260	16	250	8							170	8				
4000					250	23									130	11				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 6th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		[illegible]		[illegible]		Aswan		Hurghada	
Time			4				2				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.
300			110	16			90	10			60	3	80	8								
600			100	20			110	9			120	6	60	3								
1000			80	19			100	9			120	3	60	3								
1500			90	20			100	7			100	2										
2000			230	20							160	13										
3000											180	21										
4000											240	26										
5000											230	25										
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi 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 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.

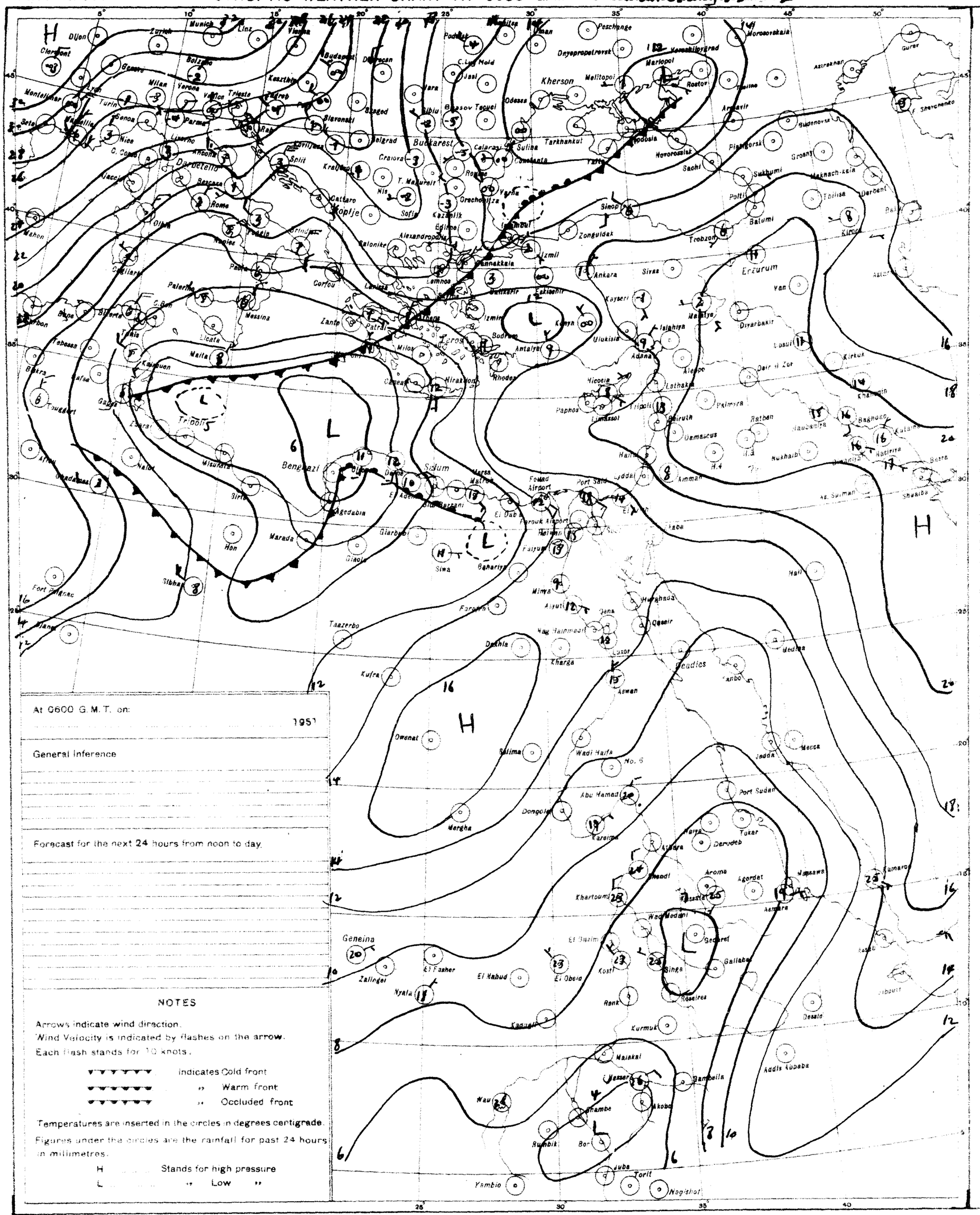
Note: All times are G.M.T.

Printed by the Survey of Egypt 1947 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 6-2-1952



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 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

S of E 949(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 04 42 G.M.T.
" " Sunset 15 36 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 7th February, 1952

At 1200 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.
SALUM	200	13	35	01	1	3	ac	7.0	25	22	2
SIDI BARANI	180	25	12	07	0	1	ac	7.6	25	28	5
MATRUH	150	17	18	00	0	0	—	10.2	24	24	2
EL DABA	180	5	35	00	0	0	—		24	32	6
ALEXANDRIA	130	9	50	01	2	2	cu	12.6	23	32	5
FOUAD (Airport)	120	11	18	02	0	0	—	13.0	23	38	8
DAMIETTA	140	5	35	02	0	0	—	14.8	19	83	16
PORT SAID	60	9	30	02	0	0	—	14.2	18	83	15
EL ARISH	20	4	50	02	0	0	—	14.1	19	64	12
DAMANHUR	130	5	15	02	0	0	—	13.5	23	44	10
MANSURA	90	5	35	00	0	0	—	13.6	25	34	8
TANTA	00	0	35	02	0	0	—	13.6	24	47	12
ZAGAZIG	140	1	50	02	0	0	—	12.7	24	47	12
ISMAILIA											
FAROUK (Airport)											
ALMAZA	250	6	15	00	0	0	—	13.0	24	47	12
EZBEKIYA	180	4	18	00	0	0	—	13.1	24	36	8
GIZA	180	4	18	00	0	0	—	13.5	26	37	10
HELWAN	00	0	35	02	0	0	—	13.2	23	38	8
FAYUM	00	0	35	02	0	0	—	12.2	26	30	7
MINYA	00	0	8	00	0	0	—	12.2	26	28	6
ASYUT (Airport)	20	3	30	00	0	0	—	12.1	25	32	7
NAG HAMMADI	00	0	15	00	0	0	—	13.0	24	47	12
QENA	320	2	50	00	0	0	—	11.9	27	33	9
LUXOR	340	3	30	03	1	2	ac	11.7	26	32	8
ASWAN	20	4	50	01	1	2	as	11.0	27	27	6
SIWA	180	12	14	00	0	0	—	9.9	25	21	1
BAHARIYA	180	2	35	02	0	0	—	12.8	26	48	14
FARAFRA	220	2	35	02	0	0	—	11.8	27	33	9
DAKHLA	20	5	50	00	0	0	—	10.4	27	20	2
KHARGA											
SUEZ	180	5	50	02	0	0	—	12.4	23	38	8
TOR	310	9	50	02	0	0	—	13.0	22	61	13
HURGHADA	40	6	30	02	0	0	—	11.6	22	65	15
QUSEIR	20	9	15	00	0	2	ci	12.2	23	61	15
PORT SUDAN	50	10	30	02	2	8	sc	10.9	26	66	19
WADI HALFA	360	10	50	01	1	1	ac	9.6	27	13	-4
ABU HAMAD	20	2	30	03	2	8	ac, cs		35	11	0
KAREIMA	50	5	30	03	0	3	cs	6.2	34	27	12
ATBARA	20	11	30	02	2	8	cs	4.3	36	14	5
KHARTUM	40	13	30	03	1	3	ci	4.1	35	39	19
KASSALA	20	7	30	03	1	1	cs	1.3	37	20	11
WAD MEDANI	50	5	35	02	0	0	—	0.7	38	21	12
RENK	310	9	35	02	0	2	cu	2.9	38	21	12
ROSEIRES	310	2	35	02	0	0	—	1.4	39	38	22
EL OBEID	50	11	30	01	0	0	—	3.5	35	18	-1
EL FASHER	100	1	30	03	1	7	cs		34	18	6
GENEINA	270	2	30	03	2	8	cs		35	13	3
MALAKAL											
WAU	90	5	10	04	1	5	cu, ac	3.2	30	22	6
JUBA	340	9	15	04	2	6	sc, cu	3.4	35	35	17

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	90	5	15	00	0	0	—	7.6	18	52	8	0
SIDI BARANI	160	24	14	01	0	0	—	7.5	18	43	5	0
MATRUH	90	9	12	00	0	0	—	10.7	15	82	12	0
EL DABA	70	3	35	00	0	0	—		15	88	13	0
ALEXANDRIA	90	13	35	00	0	0	—	13.9	16	68	10	0
FOUAD (Airport)	90	15	12	02	0	0	—	13.4	16	82	13	0
DAMIETTA	40	2	7	01	0	0	—	14.7	17	88	15	0
PORT SAID	40	10	15	02	0	0	—	14.6	16	88	14	0
EL ARISH	00	0	18	00	0	0	—	13.8	15	88	13	0
DAMANHUR	130	9	15	02	0	0	—	13.8	15	77	11	0
MANSURA	40	3		00	0	0	—	14.3	15	88	13	0
TANTA	00	0	35	02	0	0	—	14.2	13	77	9	0
ZAGAZIG	40		35	02	0	0	—	14.0	16	77	12	0
ISMAILIA												
FAROUK (Airport)	70	5	12	00	0	0	—	14.4	18	60	10	0
ALMAZA	40	9	12	00	0	0	—	13.5	19	56	10	0
EZBEKIYA	00	0	12	00	0	0	—	13.4	17	60	9	0
GIZA	00	0	12	00	0	0	—	14.2	17	60	9	0
HELWAN	00	0	15	02	0	0	—	14.0	20	41	6	0
FAYUM	00	0	35	02	0	0	—	13.4	16	68	10	0
MINYA	00	0	8	00	0	0	—	13.0	15	48	4	0
ASYUT (Airport)	220	3	10	00	0	0	—	13.2	20	46	8	0
NAG HAMMADI	00	0		01	0	3	as	13.1	17	60	9	0
QENA	320	2	7	00	0	0	—	12.0	17	52	7	0
LUXOR	00	0	12	00	0	0	—	11.8	18	46	6	0
ASWAN	00	0	15	00	0	0	—	11.4	22	29	3	0
SIWA												
BAHARIYA	180	2	15	02	0	0	—	13.1	17	52	7	0
FARAFRA	90	3	15	02	0	0	—	12.8	19	46	7	0
DAKHLA	340	8	35	00	0	0	—	13.9	21	20	-3	0
KHARGA	00	0	15	00	0	0	—	13.6	19	16	-8	0
SUEZ	00	0	35	02	0	0	—	14.6	16	77	12	0
TOR	20	13		02	0	0	—		18	52	8	0
HURGHADA	180	4	12	02	0	0	—	12.4	17	68	11	0
QUSEIR	360	9	15	01	1	0	—	12.6	20	83	17	0
PORT SUDAN	20	15	30	02	2	8	sc	13.0	22	94	21	0
WADI HALFA	20	5	30	02	0	0	—	8.2				0
ABU HAMAD												
KAREIMA	20	6	30	02	1	0	—	8.2	28	22	4	0
ATBARA	350	5	30	02	2	0	—	6.5	29	22	5	0
KHARTUM	20	7	30	01	0	0	—	6.2	30	27	9	0
KASSALA	20	6	30	02	0	0	—	4.3	30	40	15	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	7	30	02	0	0	—	5.6	29	20	4	0
EL FASHER	00	0	30	03	1	7	ac, cs		28	27	7	0
GENEINA												
MALAKAL												
WAU	00	0	10	04	2	0	—	4.2	32	28	11	0
JUBA	00	0	30	02	0	0	—	4.2	30	29	10	0

At 0600 on Thursday 7th February, 1952

Station	Wind 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	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	270	13	15	00	0	0	—	11.8	-5.1	11	26	+7	10	+1	77	7	0	56	
SIDI BARANI	230	2	15	00	1	0	—	10.5		10	26		9		76	6	0	99	
MATRUH	150	16	15	00	0	0	—	10.8	-6.2	15	24		11		42	2	0	116	
EL DABA	160	6	15	00	0	0	—			12			9		77	8	0	Rain	
ALEXANDRIA											24	+5							152
FOUAD (Airport)	140	3	8	03	4	2	sc	13.7?	-4.0	11	23	+5	10	+1	97	11	0	143	116
DAMIETTA	140	2	0.8	49	4	0	—	15.1	-1.7	14	20	+2	13	+5	97	14	0	136	75
PORT SAID	120	3	5	02	4	0	—	14.7	-3.1	14	20	+2	12	0	97	14	0	68	
EL ARISH											19								
DAMANHUR	130	9		02	0	0	—	14.2	-3.0	11	24	+4	10	+2	88	9	0	69	66
MANSURA	90	3	35	00	4	0	—	14.2	-2.8	10	25	+5	9	+2	97	10	0	36	32
TANTA	00	0	35	02	0	0	—	13.9	-3.6	10	24	+3	7	0	88	8	0	Rain	26
ZAGAZIG	40	1	35	02	0	0	—	14.3	-3.6	9	26	+6	8	+2	97	9	0	29	17
ISMAILIA																			
FAROUK (Airport)	250	3	6	05	0	0	—	14.8		14	25		10		77	10	0	82	
ALMAZA	00	0	6	00	0	0	—	13.9	-4.8	12	26	+6	10	+1	97	12	0	Rain	
EZBEKIYA	00	0	12	00	0	0	—	14.0	-3.9	13	27	+6	10	+2	77	9	0	60	15
GIZA	00	0	12	00	0	0	—	14.2	-3.5	10	27	+7	6	0	88	8	0	57	16
HELWAN	00	0	7	02	0	0	—	14.6	-4.0	15	24	+5	13	+5	48	4	0	59	16
FAYUM	00	0	35	02	0	0	—			12	26	+4	7	0	63	5	0	23	5
MINYA	00	0	8	00	0	0	—	13.4	-6.7	8	26	+4	4	-1	76	4	0	4	
ASYUT (Airport)	120	4	12	00	0	0	—	14.6	-4.9	12	25	+4	9	+3	51	2	0	2	
NAG HAMMADI	00	0	7	00	0	0	—	15.2	-2.8	14	27	+5	7	+2	67	8	0	0.1	
QENA	130	2	15	00	0	0	—	14.3	-3.5	14	29	+5	10	+3	67	8	0	2	
LUXOR	00	0	30	01	0	1	ac	13.6	-4.3	10	27		7		54	1	0	dr.	
ASWAN	00	0	50	01	1	6	ac	14.0	-4.3	17	28	+3	14	+3	52	7	0	dr.	
SIWA	310	8	13	00	0	0	—	12.4	-7.3	11			10	+6	77	7	0	Rain	6
BAHARIYA	00	0	15	02	1	0	—	13.6	-5.1	16	27	+4	9	+3	59	8	0	1	6
FARAFRA	00	0	35	02	2	3	ci	13.1		12	28		6		59	4	0	Rain	
DAKHLA	20	5	50	00	0	0	—	13.3	-6.0	10	28	+5	6	0	26	-9	0	dr.	
KHARGA	00	0	15	03	1	1	ci	13.6	-4.9	17	28	+4	11	+5	34	1	0	dr	
SUEZ	00	0	50	00	0	1	sc	15.8	-1.7	12	25	+5	9	-1	88	10	0	31	11
TOR	20	4	35	02	0	0	—	14.6	-2.6	14			8	-1	59	5	0	1	10
HURGHADA	290	7	30	02	0	0	—	13.1	-4.7	18	24	+4	11	+2	40	4	0	0	
QUSEIR	310	13	15	00	0	2	ci	12.7	-3.7	16	24	+1	15	+1	49	5	0	dr.	4
PORT SUDAN	340	8	30	02	6	5	sc	13.6		25	27		23		79	21	dr.	Rain	91
WADI HALFA	340	4	30	02	1	5	ac, cs	11.7		16	29		13		36	1	dr.	dr.	
ABU HAMAD	20	2	30	02	0	0	—			21	36		18		27	1	0		
KAREIMA	50	5	30	02	0	0	—	9.3		22	36		19		31	4	0	dr.	1
ATBARA											37								2
KHARTUM	360	7	30	02	0	0	—	7.9		24	37		22		38	9	0	0.6	4
KASSALA	20	6	30	02	0	0	—	6.7		27	39		21		55	17	0	49	8
WAD MEDANI	50	5	35	02	0	0	—	6.5		26	38		19		51	15	0	20	12
RENK	00	0	35	02	0	2	ci	8.3		26	38		21		45	13	0		49
ROSEIRES	270	2	35	02	0	0	—	7.0		28	40		22		52	17	0	92	36
EL OBEID	350	4	30	02	0	0	—	8.4		24	36		19		21	0	0	18	16
EL FASHER	00	0	30	01	2	6	ac, ci			20	36		17		35	4	0	13	6
GENEINA																			4
MALAKAL	220	1	30	01	1	2	ac, ci	8.5		26	39		23		48	14	0	94	88
WAU	230	6	10	04	2	6	ac	7.0		29	38		27		52	18	dr.	152	145
JUBA	140	12	30	60	6	8	Ac	11.5		25	35		23		70	19	dr.	224	148

Humidity of ... on 6th

Station		
Ezbekiya	65	+1
Giza	71	+2
Helwan	47	-7

Grass minimum on 7th 4.0

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Airport On 7th At 10th

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	122	23		00	0
950					
900					
850	1507	14		140	4
800					
700	3114	5		220	17
600					
500	5762	-12		240	43
400	7435	-24		240	69
300	9480	-37		240	95

Remarks

UPPER WIND OBSERVATIONS on 6th

Station	Matruh		S. Barani		Port Said		Luxor		El Arish		Minya		Asyut		Siwa		Dakhla		Hurghada				Port Said		Minya	
Time	14		14		14		14	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	210	22	200	35	60	14	360	5	40	4	350	5	30		190	29	230	3	120	10			80	11	120	3
600	180	17	200	29	70	16	110	3	130	5	10	4	110	3	190	26	210	3	140	12			130	2	210	13
1000	200	16	190	14	80	9	220	3	170	9	10	10	160	3	190	24	180	3					280	3	190	6
1500	220	17	200	37	150	5	190	4	220	11	20	12	220	13	210	25	200	9					220	16	170	18
2000	30	22	210	26	160	7	230	12	180	17			230	22	230	35	290	10							200	5
3000			220	30			240	24	220	20			230	36	220	26										
4000									220	30			240	38	220	36										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		[illegible]		[illegible]		Luxor		Aswan		Hurghada			
Time							2						2		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							110	3					110	14	110	9	40	9	350	9				
600							90	2					140	3	120	7	60	12	350	12				
1000							140	2					190	4	160	8	70	6	360	12				
1500													110	16	240	16	80	6						
2000															230	11								
3000															230	27								
4000															250	30								
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		5		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	350	24			120	13	60	9	30	4														
600	350	23			130	19	100	10	90	6	60	17	50	13	30	17							270	9
1000	320	10			160	18	160	5	70	7	90	19	70	18	50	34			40	24	60	12	330	8
1500	250	23			160	18	230	12	40	4	50	15	70	26	40	22			50	25	100	10	20	25
2000	210	29			230	14			330	1											160	3		
3000	220	27							180	5			60	16	60	14			40	8	280	3	50	15
4000	210	34							230	13			230	10					110	7				
5000																					160	19		
6000																			220	15	260	8		
7000																								
8000																								

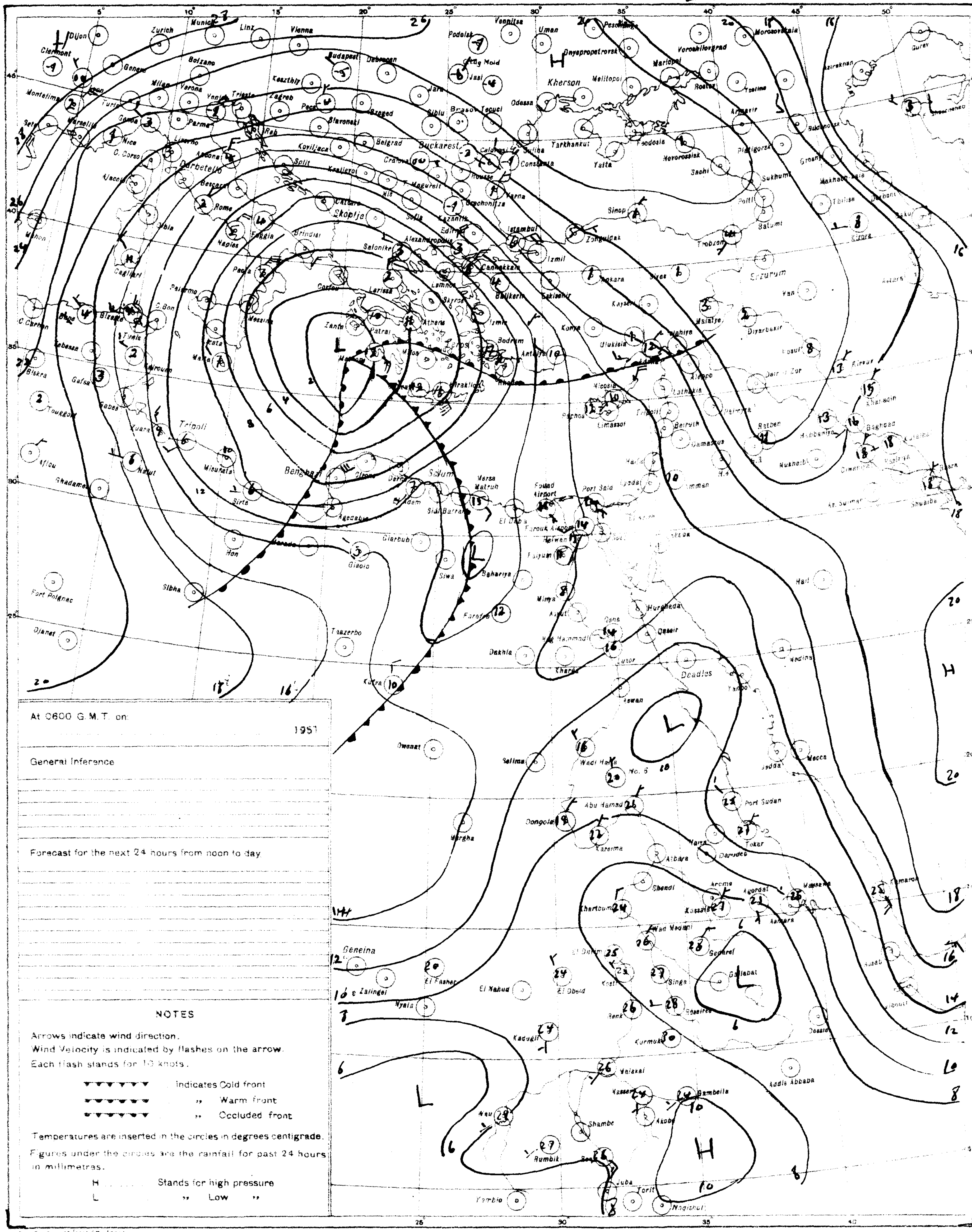
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 7 . . 1952



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 F. 949/49/557) (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
	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 } 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 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

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

Form 7F

CAIRO
Time of Sunrise 04 42 G.M.T.
" " Sunset 15 37 G.M.T.

DAILY WEATHER REPORT

Date: Friday 8th February, 1951 2

At 1200 on Thursday 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											
	303	SIDI BARANI	310	6	18	00	0	0	—	10.9	16	52	6
	306	MATRUH	290	11	18	00	0	0	—	10.1	16	60	10
	309	EL DABA	200	5	35	00	0	0	—		26	48	14
		ALEXANDRIA	130	5	50	00	0	0	—	13.3	25	54	15
	318	FOUAD (Airport)	100	9	18	02	0	1	ci	13.4	24	38	9
	330	DAMIETTA	140	2	35	00	0	0	—	14.4	21	74	16
	333	PORT SAID	90	8	30	02	0	0	—	13.9	20	77	16
	336	EL ARISH	30	4	50	00	0	0	—	13.9	22	41	8
Lower Egypt	339	DAMANHUR	130	9	15	02	0	0	—	12.4	25	34	8
	342	MANSURA	90	5	35	00	0	0	—	13.3	26	37	10
	348	TANTA	00	0	35	02	0	0	—	13.1	27	37	11
	354	ZAGAZIG	40	1	50	02	0	0	—	13.1	26	37	10
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	40	5	30	02	0	1	ci	13.3	26	30	7
	372	ALMAZA	40	5	30	00	0	0	—	12.4	26	30	7
		EZBEKIYA	120	4	18	00	0	0	—	12.0	28	23	5
		GIZA	120	4	18	00	0	0	—	13.0	29	23	6
	378	HELWAN	200	3	15	02	0	0	—	12.0	27	20	2
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	12.8	29	19	3
	387	MINYA	00	0	8	00	0	0	—	11.0	29	19	3
	393	ASYUT MANGABAD	300	3	30	00	0	0	—	11.1	29	20	4
	399	NAG HAMMADI	00	0	15	00	0	3	ac	12.4	28	37	12
	402	QENA	130	2	35	03	1	5	Sc,Cu	11.4	28	33	10
	405	LUXOR	20	3	30	03	2	6	ac	10.8	25	42	11
	414	ASWAN	360	6	50	03	2	4	as	9.9	32	9	-5
Oases	417	SIWA	360	11	14	00	0	0	—	12.3	20	28	1
	420	BAHARIYA	90	2	35	02	0	0	—	11.5	29	46	16
	423	FARAFRA											
	432	DAKHLA	160	11	50	00	0	0	—	8.8	31	12	-1
	435	KHARGA	00	0	15	02	2	4	ci	10.8	31	17	3
Red Sea	450	SUEZ											
	459	TOR											
	462	HURGHADA	60	5	30	02	0	0	—	12.3	23	57	14
	465	QUSEIR	40	9	15	03	1	3	as		22	83	19
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ATBARA											
	721	KHARTUM	50	10	30	02	0	0	—	2.6	38	18	10
	730	KASSALA	50	14	30	02	0	0	—	1.0	40	17	11
Central Sudan	751	WAD MEDANI	50	5	35	02	0	0	—	0.6	39	16	9
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	90	12	30	01	2	2	ac,ci	3.2	36	15	6
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL	340	6	30	03	1	4	cu,ci	2.9	38	19	11
	880	WAU	160	1	10	04	2	3	cu,ac	3.7	39	30	18
	941	JUBA	180	9	30	02	6	8	ac	7.3	27	62	19

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.	Rain past 12 hrs mms.
SALUM	340	5	15	00	0	0	—	10.3	15	36	0	0
SIDI BARANI	40	2	18	00	0	0	—	10.0	14	63	7	0
MATRUH	40	3	12	00	0	0	—	10.3	14	77	10	0
EL DABA	140	5	7	00	0	0	—		17	77	13	0
ALEXANDRIA	90	12	35	00	0	0	—	11.5	17	77	13	0
FOUAD (Airport)												
DAMIETTA	140	2	7	00	0	0	—	13.1	17	88	15	0
PORT SAID	90	12	14	02	0	0	—	13.1	17	88	15	0
EL ARISH												
DAMANHUR	90	9	15	02	0	0	—	12.0	16	77	12	0
MANSURA	40	5		00	0	0	—	12.3	15	88	13	0
TANTA	00	0	35	02	0	0	—	11.8	16	68	10	0
ZAGAZIG	40	3	35	02	0	0	—	11.6	18	52	8	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA	110	10	12	00	0	0	—	11.6	22	29	3	0
EZBEKIYA	00	0	12	00	0	0	—	10.8	18	52	8	0
GIZA	00	0	12	00	0	0	—	11.5	15	59	7	0
HELWAN	90	17	7	05	0	0	—	11.5	22	16	-5	0
FAIYUM	00	0	35	02	0	0	—	11.9	17	60	9	0
MINYA	00	0	8	00	0	0	—	10.8	17	49	6	0
ASYUT MANGABAD	00	0	12	00	0	0	—	11.0	20	60	12	0
NAG HAMMADI	00	0	7	03	0	5	cu,sc	11.8	19	64	12	0
QENA	320	2	7	00	0	6	Ac	12.3	17	52	7	0
LUXOR												
ASWAN	00	0	15	01	1	6	Ac	11.5	26	18	0	0
SIWA	290	10	10	00	0	0	—	12.2	16	34	0	0
BAHARIYA	90	2	15	02	2	6	ac	11.4	21	50	10	0
FARAFRA	110	2	15	02	2	6	cb	9.4	22	29	3	0
DAKHLA	320	8	35	00	0	0	—	11.6	25	11	-8	0
KHARGA	00	0	15	03	2	7	st	12.3	23	18	-3	0
SUEZ	130	3	35	02	0	0	—		18	46	6	0
TOR												
HURGHADA	160	4	12	02	0	0	—	12.3	19	73	14	0
QUSEIR	20	5	15	03	2	6	ac		22	73	17	0
PORT SUDAN												
WADI HALFA	10	5	50	03	0	6	ac,Cs	8.9	27	20	2	0
ABU HAMAD	20	2	30	02	0	0	—		31	33	13	0
KAREIMA												
ATBARA												
KHARTUM	360	7	30	02	0	0	—	4.5	32	26	10	0
KASSALA	20	5	30	02	0	0	—	4.4	31	38	15	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA	310	8	30	02	2	8	ac		31			0
MALAKAL												
WAU												
JUBA	00	0	30	01	2	0	—	7.6	25	70	19	dr.

At 0600 on Friday 8th February, 1952

Station	Wind 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	Station
SALUM	220	10	15	00	0	0	—	12.2	-4.7	8	20	+1	6	-3	58	0	0	56		SALUM
SIDI BARANI	240	12	14	00	0	0	—	11.9		7	17		6		43	-5	0	99		SIDI BARANI
MATRUH	220	16	14	00	0	0	—	12.6	-4.4	9	23?		7		40	-4	0	116		MATRUH
EL DABA	270	15	15	00	0	0	—			10	27?		8		50	0	0	Rain		EL DABA
ALEXANDRIA	270	27	50	03	1	3	ac	11.4	-6.5	16	25	+6	12	+2	59	8	0	136	153	ALEXANDRIA
FOUAD (Airport)	270	25	18	02	1	3	ac	11.1	-6.6	16			11	+2	64	9	0	143	117	FOUAD (Airport)
DAMIETTA	200	2		03	0	8	st	9.8	-7.0	14	22	+4	7	-1	77	10	0	136	76	DAMIETTA
PORT SAID	220	22	18	03	2	7	Ac	10.0	-7.8	18	20	+2	14	+2	73	13	0	68		PORT SAID
EL ARISH	160	4	18	03	2	7	ac	9.3	-8.2	18			12		52	8	0	73		EL ARISH
DAMANHUR	270	13	7	02	1	1	ci	11.0	-6.1	12	26	+6	9	+1	77	8	0	69	67	DAMANHUR
MANSURA	270	9	35	03	2	6	ac	11.0	-6.0	12	28	+8	10	+3	77	8	0	36	33	MANSURA
TANTA	220	2	35	01	1	4	cu	11.7	-5.8	14	27	+6	9	+2	88	12	0	Rain	26	TANTA
ZAGAZIG	40	1	35	03	1	4	cu	11.1	-6.7	14	28	+8	8	+2	72	9	0	29	17	ZAGAZIG
ISMAILIA																				ISMAILIA
FAROUK (Airport)	240	17	10	03	2	5	Sc,ac	12.8		16			16		68	10	0	82		FAROUK (Airport)
ALMAZA	250	17	12	03	2	4	Sc	12.7	-5.9	16	28	+8	15	+6	59	8	0	Rain		ALMAZA
EZBEKIYA	270	8	12	02	1	7	ci	13.1	-4.7	15	29	+8	13	+5	68	9	0	60	16	EZBEKIYA
GIZA	270	8	12	02	1	7	ci	13.5	-4.2	15	30	+10	10	+4	68	9	0	57	16	GIZA
HELWAN	250	3	15	50	5	8	ac	13.6	-4.9	15	27	+8	15	+6	48	4	dr.	59	17	HELWAN
FAIYUM	00	0	35	03	2	7	cb	16.2	-1.8	14			10	+3	55	5	0	23	5	FAIYUM
MINYA	290	10	8	02	2	6	ac	15.4	-4.6	14	30	+8	11	+6	36	-1	0	4		MINYA
ASYUT MANGABAD	310	14	5	60	6	8	as	15.8	-3.6	17	30	+9	14	+8	39	3	dr.	2		ASYUT MANGABAD
NAG HAMMADI	00	0		03	0	5	cu,ac	13.3	-4.6	17	28	+6	10	+5	68	11	0	0.1		NAG HAMMADI
QENA	320	1	15	03	1	8	st	12.8	-4.9	20	29	+5	17	+10	56	11	0	2		QENA
LUXOR	130	5	30	02	2	7	ci	12.7	-5.2	21			15		35	5	0	dr.		LUXOR
ASWAN	360	5	50	01	1	2	ci	12.6	-5.6	20	33	+8	16	+5	56	11	0	dr.		ASWAN
SIWA	280	10	7	00	0	0	—	16.2	-3.4	10	21	0	7	+2	32	-6	0	Rain	6	SIWA
BAHARIYA	270	2	35	02	2	6	ac	17.1	-1.5	14	30	+8	10	+4	48	3	0	1	6	BAHARIYA
FARAFRA	290	4	15	02	2	4	cu	18.6		13	32		10		34	-3	0	Rain		FARAFRA
DAKHLA	340	18	0.8	09	4	0	—	16.7	-2.6	15	31	+8	?		30	-3	0	dr.		DAKHLA
KHARGA	360	9	3	03	5	8	st	15.2	-3.3	17	31	+7	12	+5	34	1	dr	dr.		KHARGA
SUEZ	180	8	50	00	0	6	cu,ac	11.8	-5.6	20	27	+7	11	+1	33	3	0	31	11	SUEZ
TOR																			10	TOR
HURGHADA	300	7	30	02	0	0	—	13.3	-4.4	20	24	+4	15	+6	53	10	0	0		HURGHADA
QUSEIR	120	13	15	00	0	6	ac	12.8	-3.5	20	25	+2	15	+1	64	13	0	dr.	4	QUSEIR
PORT SUDAN	340	6	30	01	2	4	Sc,Cu	15.0		27	29				77	23	0	Rain	91	PORT SUDAN
WADI HALFA	340	5	50	01	1	4	ac,ci	11.7		19	38				28	0	0	dr		WADI HALFA
ABU HAMAD											37									ABU HAMAD
KAREIMA	50	4	30	02	0	0	—	10.0		24	38				38	9	0	dr.	1	KAREIMA
ATBARA	70	4	30	02	0	0	—	9.5		25	39				47	13	0	0	2	ATBARA
KHARTUM	360	9	30	02	0	0	—	8.7		25	39				54	15	0	0.6	4	KHARTUM
KASSALA	90	3	30	02	0	0	—	8.7		27	41				45	14	0	49	8	KASSALA
WAD MEDANI	20	5	15	02	0	2	ac	8.9		25	41				47	13	0	20	12	WAD MEDANI
RENK																			49	RENK
ROSEIRES	340	2	35	02	1	2	ac	10.4		28	42				35	11	0	92	36	ROSEIRES
EL OBEID	30	3	30	02	0	2	ci	8.4		27	38				28	7	0	18	16	EL OBEID
EL FASHER	360	2	30	02	1	7	Cs			21	36				41	7	0	13	6	EL FASHER
GENEINA											36								4	GENEINA
MALAKAL	270	4	30	03	0	4	ac,cs	9.9		26	40				62	18	0	94	88	MALAKAL
WAU	180	3	10	04	0	1	ci	10.2		25					70	19	0	152	146	WAU
JUBA	180	5	30	01	1	2	ac,ci	11.1		26	30		20		70	20	dr.	224	149	JUBA

HUMIDITY % Mean of day

Station	on 7th	Diff. from normal
Alexandria	83	+18
Ezbekiya	53	-11
Giza	69	0
Helwan	27	-26

GRASS MINIMUM on 8th 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 — FAROUK AIRPORT — On At — Pressure mbs., Height above M.S.L. metres, Temp. °C., Humid. %, Wind Dir. 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. 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. Vel. — 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300

UPPER WIND OBSERVATIONS on 7th

Station	El Arish		Hurghada		Port Said		Almaza		Asyut		Siwa		Dakhla		Minya		Kharga		S.Barani						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	80	9	150	7	100	9	40	11	140	9	330	15	140	12	120	2	130	6	310	7					160	10
600	80	5	00	0	120	7	70	11	160	9	340	14	140	13	110	5	130	8	220	5					170	14
1000	100	4	300	13	150	3	70	13	150	7	340	9	140	16	100	8	90	10	220	10					170	21
1500	30	3	270	18	60	4			120	5	170	8	170	19	120	10			240	22					160	33
2000	240	4	300	18	360	6			220	24	190	8	180	19	240	9										
3000	210	12	260	27					240	45	180															
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada			
Time			5				2						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			180	15			190	23					350	8	320	26	10	4						
600			180	15			210	24					10	4	330	28	320	9						
1000			190	18			210	20					10	10	330	27	320	10						
1500							220	34							260	26	330	4						
2000							230	35									140	12						
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		8		5		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	260	28	190	30	310	40	10	31	40	5														
600	260	23	190	32	320		10	35	130	6	50	17	110	13	70	15								
1000	270	18	190	29					150	11	70	16	100	14	60	22					350	12		
1500									150	8	90	12	50	1	60	19					40	11		
2000									300	28					60	4					100	10		
3000											20	7	210	3	90	9					110	12		
4000															100	12					160	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.

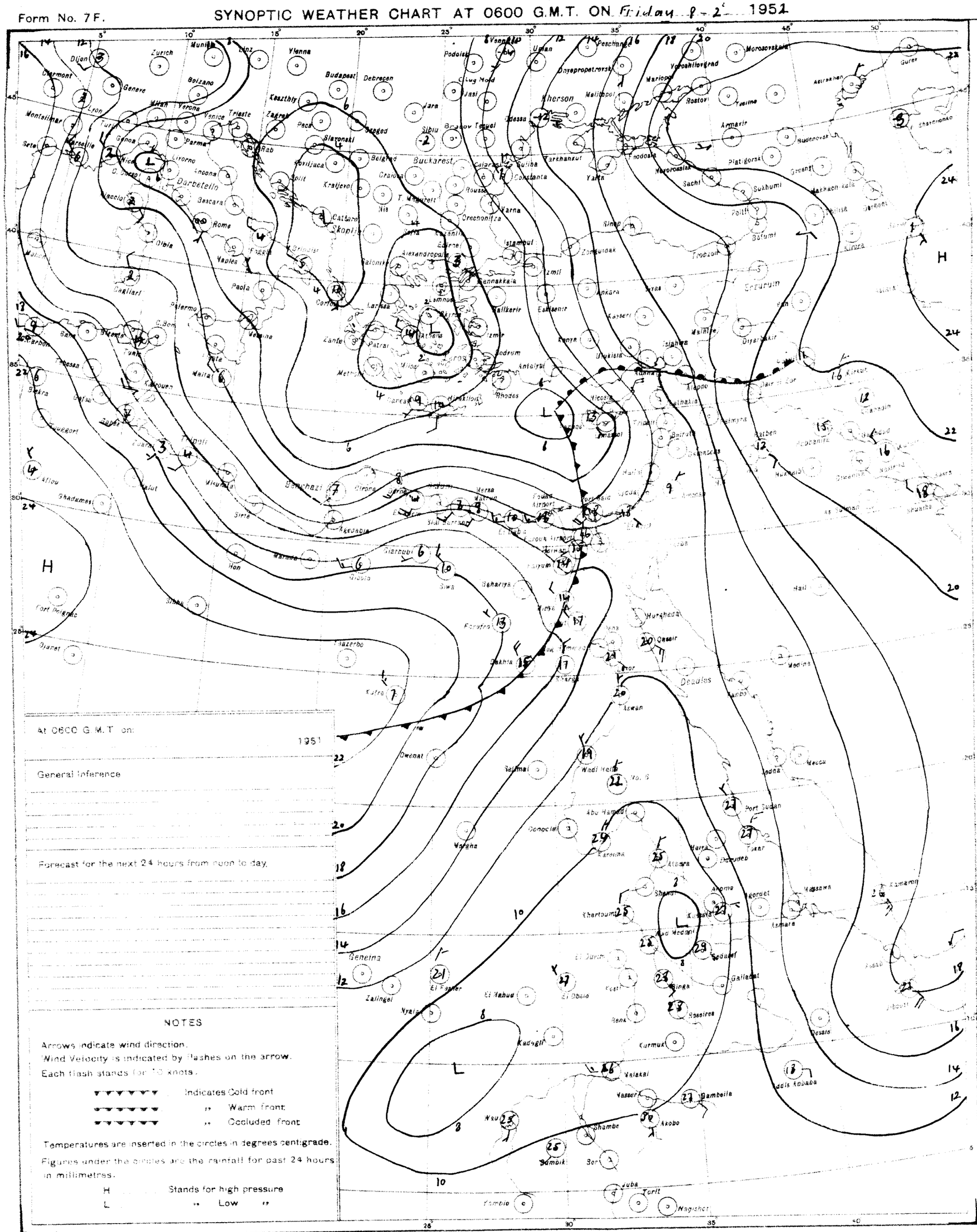
Note: All times are G.M.T.

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 8-2 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
	" " 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		14
Thunder, no precipitation		17
During last hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	23
	" " 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	" "	92
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 and 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 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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 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: Saturday 9th February, 1951 2

At 1200 on Friday 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	250	19	35	03	2	6	Cu	11.5	15	48	4
	303	SIDI BARANI	260	25	15	00	0	0	—	11.7	15	45	3
	306	MATRUH	220	28	8	07	3	0	—	11.8	15	27	-4
	309	EL DABA	270	16	35	00	0	0	—		15	48	4
		ALEXANDRIA	220	27	50	00	0	0	—	13.1	15	30	-3
	318	FOUAD (Airport)	250	25	18	02	1	0	—	12.8	16	32	-1
	320	DAMIETTA	250	9	15	17	2	5	ac	12.6	17	60	9
	333	PORT SAID	70	16	18	02	2	7	cu, ac	12.5	19	56	10
	336	EL ARISH	270	12	12	03	3	8					14
	338	DAMANHUR	270	19	15	02	1	2	ci	13.2	19	52	9
	342	MANSURA	320	13	35	03	8	5	ac	13.0	17	42	4
	346	TANTA	220	5	35	01	1	4	Cu	12.7	18	60	10
	354	ZAGAZIG	220	3	50	02	1	0	—	14.0	18	60	10
	440	ISMAILIA											
	366	FAROUK (Airport)	270	21	12	03	2	7	sc, ac	15.3	18	22	-4
	372	ALMAZA	270	19	15	02	2	5	ac	14.3	18	37	3
		EZBEKIYA	270	14	18	02	1	4	ci	13.9	19	18	-6
		GIZA	270	14	18	02	1	4	ci	14.8	19	16	-8
	373	HELWAN	320	11	7	01	5	4	NS, ac	15.0	18	12	-12
Upper Egypt	381	FAIYUM	00	0	15	02	2	7	NS	15.9	19	23	-3
	387	MINYA	340	10	10	60	6	7	ac	14.3	17	56	8
	393	ASYUT MANQABAD	320	13	12	02	6	5	ac	14.1	18	32	1
	399	NAG' HAMMADI	270	4	7	03	5	8	as	14.8	17	60	9
	402	QENA	240	4	35	02	1	8	st	11.9	19	52	9
	405	LUXOR	260	12	2	02	2	4	ac	11.6	26	40	11
	414	ASWAN	360	5	50	02	1	5	ci	9.9	31	16	2
Oases	417	SIWA	270	19	10	00	0	0	—	16.8	15	42	2
	420	BAHARIYA	320	4	35	02	2	5	ci	16.2	18	52	8
	423	FARAFRA	270	9	7	02	3	4	ac	17.9	17	26	-3
	432	DAKHLA	340	18	0.8	34	3	0	—	17.4	19	19	-5
	435	KHARGA	360	9	3	01	4	6	st	15.2	21	27	1
Red Sea	450	SUEZ	310	9	50	03	1	7	ac	13.1	19	37	4
	459	TOR											
	462	HURGHADA	150	14	30	03	2	8		10.5	23	69	17
	465	QUSEIR	20	9	15	02	2	6	ac	12.0	24	62	16
	641	PORT SUDAN	110	7	30	03	1	2	Cu	11.1	29	70	23
North Sudan	600	WADI HALFA	340	21	10	07	1	2	ci	8.0	34	16	5
	640	ABU HAMAD	180	2	30	02	2	8	cs		39	16	9
	660	KAREIMA	270	4	30	03	0	4	cs	3.7	41	15	10
	680	ATBARA	110	11	10	07	0	2	cs	2.8	41	8	0
	721	KHARTUM	90	1	30	03	1	5	cs	2.3	39	17	10
	730	KASSALA	100	3	30	02	0	0	—	2.8	40	20	13
Central Sudan	751	WAD MEDANI											
	801	RENK	230	5	35	02	0	5	Cu		40	24	16
	802	ROSEIRES											
	771	EL OBEID	70	7	30	03	1	7	cs	3.2	38	18	10
	760	EL FASHER	140	4	30	02	2	6	ci		37	13	5
	770	GENEINA	60	4	30	02	2	8	ac, cs		35	10	-1
S. Sudan	840	MALAKAL	180	4	30	02	1	6	cu, ac	4.1	39	24	15
	880	WAU	90	3	30	04	2		cu, ac	3.7	38	27	16
	941	JUBA	130	5	30	01	1	2	Cu	4.2	37	24	13

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
SALUM	250	19	15	01	1	3	Sc	12.8	12	55	3	0
SIDI BARANI	250	20	14	01	1	2	Sc	12.8	12	55	3	0
MATRUH	230	16	10	12	1	1	Sc, Cu	13.5	12	51	2	0
EL DABA			7	00	0	0	—		8			0
ALEXANDRIA												
FOUAD (Airport)	240	16	12	02	0	0	—	15.4	13	48	2	0
DAMIETTA												
PORT SAID												
EL ARISH												
DAMANHUR	270	13	7	02	0	0	—	14.8	13	77	9	0
MANSURA	90	5		00	1	0	—	15.6	11			dr.
TANTA	310	5	35	02	1	0	—	15.0	11	77	7	0
ZAGAZIG	220	1	35	02	0	0	—	15.1	11	88	9	0
ISMAILIA												
FAROUK (Airport)	250	10	10	05	1	1	ac	16.6	14	36	-1	dr
ALMAZA	250	9	12	01	2	3	as	15.9	14	45	2	0
EZBEKIYA												
GIZA	270	4	12	02	1	1	ci	16.4	10	50	0	dr
HELWAN	270	4	7	01	2	3	ac	16.3	13	34	-3	0
FAIYUM												
MINYA												
ASYUT MANQABAD	00	0	8	03	6	8	Sc	17.7	14	45	2	dr.
NAG' HAMMADI												
QENA												
LUXOR	350	4	12	01	2	3	ac	14.5	18	40	4	0
ASWAN	360	9	15	00	0	0	—	13.6	25	24	3	0
SIWA	270	9	10	00	0	0	—	18.4	12	51	2	0
BAHARIYA	320	2	15	01	1	0	—	19.2	10	76	6	0
FARAFRA	270	1	15	02	3	5	ac	19.9	10	54	1	0
DAKHLA	340	14	7	03	0	5	as	19.0	12	33	-4	0
KHARGA	360	9	3	03	4	8	Cu, Sc	16.6	16	24	-5	0
SUEZ	310	4	35	01	0	6	cu, ac	16.0	16	24	-5	dr.
TOR												
HURGHADA			10	02	2	7	ac	12.4	20	60	12	0
QUSEIR	120	5	15	03	2	8	ac	11.1	23	97	23	0
PORT SUDAN	00	0	30	03	2	5	Sc, Ci	11.2	26	84	23	0
WADI HALFA	340	26	0.5	07	0	3	ac	13.2	26	16	-2	0
ABU HAMAD	340	4	30	02	2	8	Cs		33		0	0
KAREIMA	330	11	30	02	1	4	Ci	6.1	35	23	11	0
ATBARA	90	7	30	03	2	8	Cs	4.8	33	14	2	0
KHARTUM	320	1	30	02	1	3	Ci	4.2	33	28	12	0
KASSALA	20	7	30	02	0	0	—	5.3	31	22	7	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	2	30	02	2	3	ci	5.4	31	29	11	0
EL FASHER	360	10	30	02	2	6	ac, ci		31	23	-1	0
GENEINA	10	4	30	02	2	8	cs		30	14	0	0
MALAKAL	00	0	30	02	0	0	—	5.4	33	38	17	0
WAU	130	3	10	04	2	1	Sc, ac	5.4	33	70	27	0
JUBA	00	0	30	02	0	1	Cu	5.8	20	60	12	0

At 0600 on Saturday 9th February, 1952

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	Rain past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	250	24	15	00	0	0	—			8	17	-2	5	-4	76	4	0	56	
SIDI BARANI	250	12	30	00	0	0	—	14.4		7	16		6		43	-5	0	99	
MATRUH	220	21	15	00	0	0	—	15.8	-1.2	8	15		8		37	-6	0	116	
EL DABA	260	6	15	00	0	0	—			9			4		82	6	0	Rain	
ALEXANDRIA	220	23	50	02	2	3	cu	17.4	-0.4	11			11	0	63	4	0	136	153
FOUAD (Airport)	220	22	18	02	1	4	Sc	17.8	+0.1	9	17	-1	9	0	58	1	0	147	116
DAMIETTA	200	13	15	02	0	0	—	18.3	-1.5	9			8	0	71	4	0	136	16
PORT SAID	250	21	10	02	0	0	—	17.4	-0.4	11			10	-2	63	4	dr.	68	
EL ARISH	270	12	30	03	0	1	Ci	17.9	+0.4	11			9		77	7	0	73	
DAMANHUR	260	19	7	02	0	0	—	17.6	+0.6	9	20	0	7	-1	62	2	0	69	68
MANSURA											19	-1							33
TANTA	220	2	35	02	0	0	—	18.6	+1.2	8	18	-3	5	-2	71	3	0	47	26
ZAGAZIG	220	1	35	02	0	0	—	19.0	+1.2	7	20	0	6	0	87	5	0	29	17
ISMAILIA																			
FAROUK (Airport)	250	15	8	05	0	0	—	20.7		10	19		8		58	2	dr.	82	
ALMAZA	250	15	12	00	0	0	—	20.5	+1.9	10	23	+3	8	-1	58	2	0	Rain	
EZBEKIYA	00	0	12	00	0	0	—	20.3	+2.5	10	20	-1	9	+1	47	-1	dr.	60	16
GIZA	00	0	12	00	0	0	—	20.0	+2.4	10	20	0	7	+1	50	0	dr.	57	16
HELWAN	00	0	3	01	0	0	—	20.9	+2.3	8	18	-1	6	-2	58	0	0	59	17
FAIYUM	00	0	35	02	0	0	—	21.7	+3.8	8			6	-1	58	0	0	23	5
MINYA	360	2	8	00	0	0	—	21.5	+1.5	7			4	-1	71	2	dr.	4	
ASYUT MANQABAD	270	5	8	10	0	0	—	21.3	+2.2	8	20	-1	6	0	66	2	dr.	2	
NAG' HAMMADI	00	0		03	2	7	cb, as	20.8	+2.9	11			8	+3	63	4	dr.	0.1	
QENA	270	2	50	03	5	8	St	21.0	+3.4	12			10	+3	55	3	dr.	2	
LUXOR	350	12	12	02	2	7	Sc	19.4	+1.5	12	30		12		59	4	0	dr.	
ASWAN	360	10	15	01	1	2	ac	19.4	+1.3	14	32	+7	13	+2	36	-1	0	dr.	
SIWA	250	7	11	00	0	0	—	20.4	+0.8	8	15	-6	6	+1	43	-4	0	Rain	6
BAHARIYA	220	3	35	02	0	0	—	22.0	+3.4	10	20	-2	3	-3	76	6	0	1	6
FARAFRA	240	2	15	02	0	0	—	23.1		6	19		2		57	-2	0	Rain	
DAKHLA	270	5	50	03	1	4	ac	22.8	+3.6	8	19	-4	4	-2	58	5	0	dr.	
KHARGA	360	9	3	03	4	8	Cu, Sc	21.6	+3.2	11	22	-2	10	+3	41	-2	0	dr	
SUEZ	290	10	50	00	0	0	—	20.4	+3.0	12	22	+2	9	-1	33	-4	dr	32	11
TOR																			10
HURGHADA											25	+5							
QUSEIR	360	13	15	00	0	5	As	16.9	+0.7	17	25	+2	12	-2	52	7	0	dr.	4
PORT SUDAN	00	0	30	01	2	4	Ci	11.6		25	30				79	21	0	Rain	91
WADI HALFA	350	17	10	07	2	8	ac	19.8		14	35		14		23	-7	dr.	dr.	
ABU HAMAD	360	23		31	2	8	Cs			21	40		19		18	-4	0		
KAREIMA	330	15		07	0	0	—	15.2		19	42		18		24	-2	0	dr.	1
ATBARA	330	23		32	0	9	—	11.0		23	42		22		27	3	0	0	2
KHARTUM											41								4
KASSALA											41								8
WAD MEDANI	310	5	15	02	0	2	ac	8.1		27	42		22		33	9	0	20	12
RENK																			49
ROSEIRES																			36
EL OBEID	340	16		32	1	0	—	11.7		23	40		22		19	-2	0	18	16
EL FASHER											38								6
GENEINA	50	5	4	05	2	8	CS			19	37		18		26	-1	0		4
MALAKAL											39								88
WAU											39								146
JUBA											39								149

Humidity % Mean of day

Station	on 8th	Diff. from normal
Alexandria	63	-2
Ezbekiya		
Giza	55	-13
Helwan	34	-20

Grass minimum on 9th 5.7

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent On ... At ...

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

Remarks

RAWINSONDE — FAROUK AIRPORT On 9th At 10h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	170	13		260	10
950					
900					
850	1499	2		270	24
800					
700	3046	-2		290	45
600					
500	5634	-20			
400	7248	-31			
300	9222	-44			

AIRPORT On ... At ... (pressure levels 1000–300 mbs; no entries)

AIRPORT On ... At ... (pressure levels 1000–300 mbs; no entries)

UPPER WIND OBSERVATIONS on 8th

Station	Port Said		Siwa		Dakhla		Kharga		Luxor				Hurghada		S. Barani	
Time	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.
300	260	17	270	43	350	50	10	31	320	13			280	4	270	29
600	250	23	270	48	340	56	10	35	330	10					270	30
1000	260	24	270	40	340	44			340	7					270	26
1500	240	29	280	37					110	6						
2000									140	1						
3000																
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 9th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time							4						2		8				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							250	38					300	31	320	9			350	31			260	16
600							270	33					310	30	330	16			340	34			260	20
1000							270	43					300	20	340	14			350	24				
1500													290	24	320	16			320	34				
2000															320	16								
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		5								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	240	26			340	18	360	27	10	19														
600	250	30			350	23	360	33	10	21							100	15						
1000	270	20			340	25	360	33	10	25							70	3			360	17		
1500					350	23			10	30							360	5			70	16		
2000									30	40											120	16		
3000																	230	9			190	10		
4000																	250	7						
5000																					150	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.

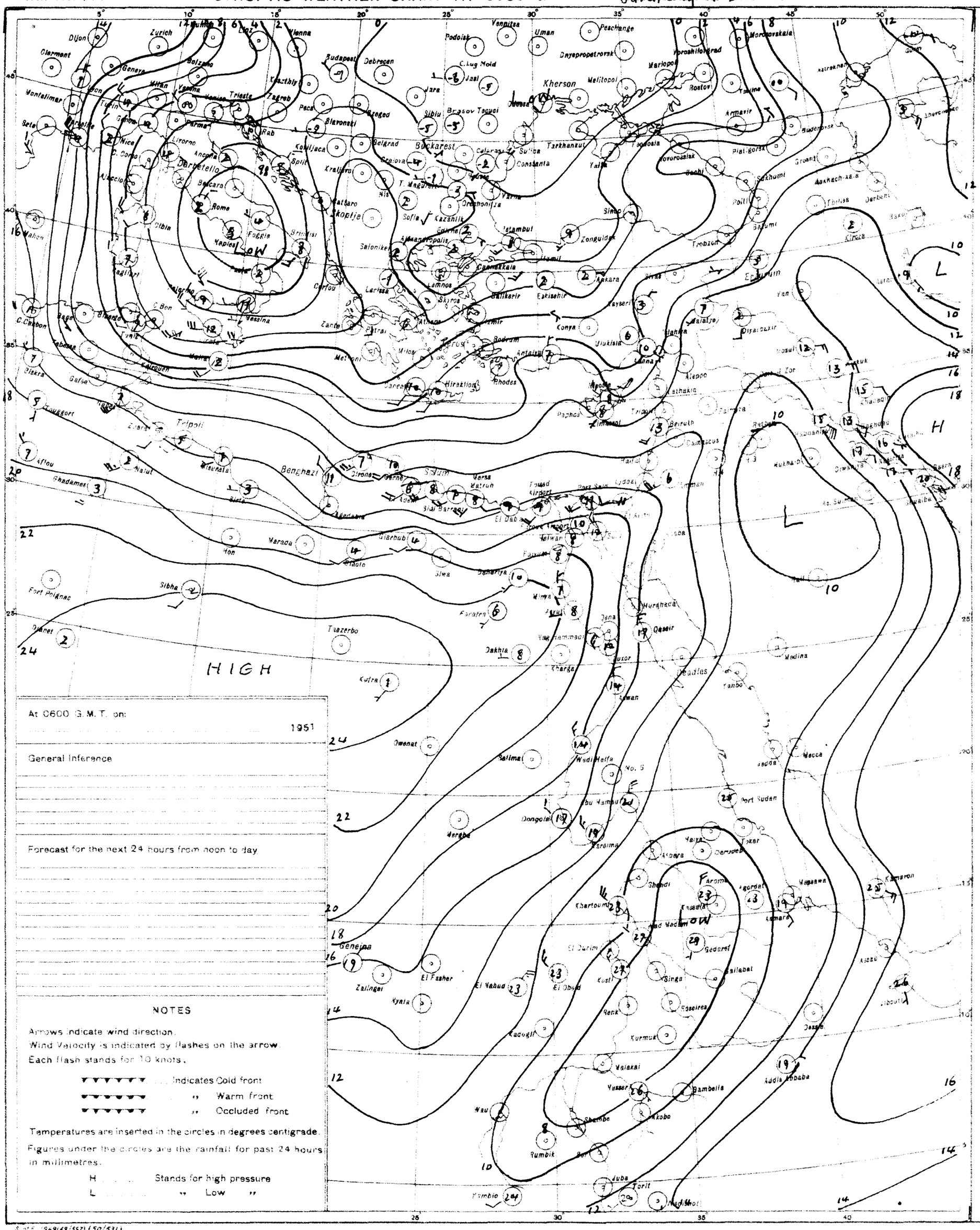
Note: All times are G.M.T.

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 Saturday 9.2.1952



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	23
	,, ,, 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
Rain ,,		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 haze (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 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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 40 G.M.T.
Time of Sunset 15 39 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Sunday 10th February, 1952

At 1200 on Saturday 9th

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	SALŪM	250	19	35	03	1	2	Cu	13.9	17	52	7
303	SIDI BARĀNI	250	25	15	00	0	0	—	13.6	17	42	4
306	MATRŪH	240	23	14	00	0	0	—	15.1	17	37	2
309	EL DABA	270	8	35	00	0	0	—		16	49	5
	ALEXANDRIA	220	22	50	00	0	0	—	16.8	14	48	3
318	FOUAD (Airport)	240	24	12	05	0	0	—	17.0	15	42	2
320	DAMIETTA	220	9	35	02	0	0	—	17.2	16	42	3
333	PORT SAID	270	13	10	02	0	0	—	17.1	16	42	3
336	EL ARISH											
329	DAMANHUR	270	13	15	02	0	0	—		17	34	1
342	MANSURA	180	13	35	00	0	0	—	16.6	17	34	1
345	TANTA	270	8	35	02	0	0	—	17.2	17	42	4
354	ZAGAZIG	220	1	50	02	0	0	—	17.9	17	52	7
440	ISMAILIA											
366	FAROUK (Airport)											
371	ALMAZA	250	13	15	00	0	0	—	17.9	16	45	4
	EZBEKIYA	270	10	18	00	0	0	—	18.0	18	26	-2
	GIZA	270	10	18	00	0	0	—	17.8	17	26	-3
378	HELWĀN	220	3	15	02	0	0	—	19.0	15	20	-8
381	FAIYUM	360	6	35	02	0	0	—	19.6	18	60	10
387	MINYA	340	9	8	00	0	0	—	18.9	17	56	8
393	ASYŪT Manqabad	350	7	12	00	0	0	—	19.8	16	36	1
396	NAG HAMMADI	290	1	7	03	2	6	Sc, Cu	19.0	17	34	1
402	QENA	320	2	35	02	1	8	St	19.5	18	37	3
405	LUXOR	00	0	30	03	2	8	Sc	17.8	17	46	5
414	ASWĀN	340	10	7	07	4	7	Ns	18.3	17	26	-3
417	SIWA	250	14	14	00	0	0	—	19.6	16	24	-5
420	BAHARIYA	320	5	35	02	0	0	—	19.6	15		
423	FARAFRA	270	3	15	02	0	0	—	20.4	17	26	-3
432	DAKHLA		11	50	00	0	0	—	19.6	16	24	-5
435	KHARGA											
450	SUEZ	40	4	50	02	0	0	—	17.5	18	20	-5
459	TOR											
462	HURGHADA	340	22	30	01	1	1	Sc	14.8	18	46	6
465	QUSEIR	360	13	15	20	5	8	Ac	15.1	18	46	6
641	PORT SUDĀN	50	10	30	03	1	3	Cu	9.5	29	66	22
600	WĀDI HALFA	10	23	10	07	2	4	Ac	16.1	20	21	-3
640	ABU HAMAD	340	18	1.1	31	2	8	Cs		31	12	-1
650	KAREIMA	360	13	2	07	0	0	—	10.3	30	13	-1
680	ATBARA	360	19	2	07	1	1	Ci	6.0	34	18	6
721	KHARTOUM	360	17	0.5	31	3	9		7.1	32	20	6
730	KASSALA	00	0	30	03	0	1	Cu, Cs	8.4			6
751	WAD MEDANI	360	9	15	02	0	2	Ci	2.1	39	16	9
	RENK											
	ROSEIRES	230	23	35	02	1	3	Ci	7.3			
	EL OBEID	10	14	0.5	31	3	9		7.6	30	13	-1
	EL FASHER	20	4	4	05	2	8	Cs		30	17	2
	GENEINA	40	11	15	05	2	7	Cs		30	11	-4
	MALAKAL	230	6	10	04	1	5	Cu, Ac	3.4	39	18	11
	WAU	200	6	10	04	0	4	Cu	3.0	39	21	13
	JUBA	50	3	30	04	0	3	Sc, Cu	2.7	40	14	8

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												
SIDI BARĀNI	220	15	14	01	1	0	—	12.5	13	38	-1	0
MATRŪH	230	9	14	80	0	0	—	13.2	14	55	5	0
EL DABA												
ALEXANDRIA	220	13	35	00	0	0	—	16.4	13			0
FOUAD (Airport)	210	13	12	02	0	0	—	16.2	13	55	4	0
DAMIETTA		5		02	0	0	—	17.1	11	77	7	0
PORT SAID	230	9	12	01	0	0	—	17.6	14	59	6	0
EL ARISH	180	2	14	00	0	0	—	17.8	10	67	4	0
DAMANHUR	280	13	7	02	0	0	—	16.7	11	63	4	0
MANSURA	220	3		00	0	0	—	17.6	10	62	3	0
TANTA	270	2	35	02	0	0	—	17.2	11	77	7	0
ZAGAZIG	220	1	35	02	0	0	—	17.5	12	55	3	0
ISMAILIA												
FAROUK (Airport)	200	4	12	00	0	0	—	18.7	13	34	-3	0
ALMAZA	190	8			0	0	—	17.8	12	55	3	0
EZBEKIYA	00	0	12	00	0	0	—	17.4	11	44	-1	0
GIZA	00	0	12	00	0	0	—	18.0	9	62	2	0
HELWĀN	00	0		02	0	0	—	18.4	12	33	-4	0
FAIYUM	00	0	35	02	0	0	—	19.4	10	50	0	0
MINYA	00	0	8	00	0	0	—	18.7	10	41	-3	0
ASYŪT Manqabad	00	0	12	00	0	0	—	19.3	12	44	0	0
NAG HAMMADI	00	0		01	0	2	Ac	18.6	11	63	4	0
QENA	320	2	7	01	1	0	—	17.9	12	63	5	0
LUXOR	320	3	7	00	4	0	—	17.9	12	63	5	0
ASWĀN	360	5	0.13	09	2	6	Ac	17.8	14	36	-1	0
SIWA	220	7	10	00	0	0	—	18.3	10	47	-1	0
BAHARIYA	00	0	15	02	0	0	—	19.8	9	62	2	0
FARAFRA	270	1	7	02	0	0	—	20.3	10	38	-4	0
DAKHLA	320	8	35	00	0	0	—	20.3	12	33	-4	0
KHARGA	360	4	15	00	0	0	—	19.8	12	41	-1	0
SUEZ	90	3	35	02	0	0	—	18.2	13	34	-3	0
TOR												
HURGHADA	320	19	12	02	0	0	—	16.0	14	52	4	0
QUSEIR	310	13	15	01	1	2	As	15.8	17	26	-3	dr.

At 0600 on Sunday 10th February, 1952

Station	Wind 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
SALŪM																			
SIDI BARĀNI	240	8	15	00	0	0	—	10.7		8	18		8		31	-8	0	99	
MATRŪH	220	25	18	07	0	0	—	11.6	-5.3	9	17		7		29	-8	0	116	
EL DABA																			
ALEXANDRIA	220	16	50	00	0	0	—	14.8	-3.0	9	15	-4	7	-4	34	-6	0	136	154
FOUAD (Airport)	220	16	18	02	0	0	—	14.9	-2.8	9	16	-2	7	-3	40	-4	0	143	119
DAMIETTA	200	2	15	00	0	0	—	15.9	-0.8	7	16	-2	5	-3	66	1	0	136	77
PORT SAID	240	20	14	02	0	0	—	16.0	-1.7	11			9	-3	51	1	0	68	
EL ARISH	190	3	18	00	0	0	—	16.6	-0.8	11	17		6		54	2	0	73	
DAMANHUR	260	19	7	02	0	0	—	15.8	-1.1	8	18	-2	5	-3	46	-3	0	69	69
MANSURA	180	5	35	00	0	0	—	16.0	-0.9	5	17	-3	4	-3	70	0	0	36	34
TANTA	220	2	35	02	0	0	—	15.6	-1.8	7	17	-4	5	-2	57	-1	0	Rain	27
ZAGAZIG			35	02	0	0	—	16.6	-1.1	6	18	-2	5	-2	71	1	0	29	17
ISMAILIA																			
FAROUK (Airport)	200	21	14	00	0	0	—	17.8		9			7		34	-6	0	82	
ALMAZA	180	16	15	00	0	0	—	17.4	-1.2	8	18	-2	7	-2	58	0	0	Rain	
EZBEKIYA	180	4	12	00	0	0	—	17.6	-0.1	8	19	-2	6	-2	50	-2	0	60	16
GIZA	180	4	12	00	0	0	—	17.8	-0.2	9	19	-1	4	-2	47	-2	0	57	17
HELWĀN	140	6	7	02	0	0	—	18.8	+0.5	7	17	-2	6	-3	43	-5	0	59	17
FAIYUM	00	0	35	02	0	0	—	18.7	+2.9	7	20	-2	3	-4	43	-5	0	23	5
MINYA	170	3	8	00	0	0	—	20.1	+1.9	6	18	-4	1	-4	57	-2	0	4	
ASYŪT Manqabad	180	3	8	10	0	0	—	20.1	+0.9	8	17	-4	4	-2	50	-2	0	2	
NAG HAMMADI	00	0		10	0	3	Cs	19.6	+1.8	8	20	-2	3	-2	58	0	0	0.1	
QENA	320	2	15	03	1	5	Ci	19.5	+1.9	8	21	-3	5	-3	58	0	0	2	
LUXOR											21								
ASWĀN	00	0	50	01	1	5	Ci	19.1	+1.1	11	18	-7	7	-4	30	-6	0	dr.	
SIWA	270	9	13	00	0	0	—	16.7	-2.8	10	16	-5	8	+3	32	-6	0	Rain	6
BAHARIYA	270	2	35	02	0	0	—	19.6	+1.1	10?	18	-4	1	-5	62	3	0	1	6
FARAFRA	130	1	35	02	2	2	Ac	20.8		4			-1		52	-5	0	Rain	
DAKHLA	00	0	50	03	1	5	As	20.0	+0.8	2	17	-6	1	-5	64	-4	0	dr.	
KHARGA	00	0	7	03	2	4	Ac	20.3	+2.0	7	18	-6	3	-4	57	-1	0	dr.	
SUEZ	180	9	50	00	0	0	—	18.3	+1.0	12	20	-1	4	-6	33	-4	0	32	11
TOR																			10
HURGHADA	320	20	30	02	0	0	—	15.8	-1.9	13	21	+1	6	-3	31	-4	0	0	
QUSEIR	310	13	15	02	0	0	—	16.3	+0.1	11	20	-3	10	-4	30	-6	dr.	dr.	4
PORT SUDĀN	360	10	30	02	2	7	Sc	12.7		24	30		22		74	19	0	Rain	91
WĀDI HALFA	360	13	15	05	2	8	Ac, Cs	18.5		11	22		11		38	-3	dr.	dr.	
ABU HAMAD																			
KAREIMA	340	8	10	02	0	0	—	14.2		15	31		14		27	-4	0	dr.	1
ATBARA	350	13	10	07	0	0	—	11.1		20	35		19		24	-1	0	0	2
KHARTOUM	330	15	15	05	0	0	—	11.6		20	33		18		21	-3	0	0.6	4
KASSALA	180	1	30	01	0	1	Cs	8.4		27			19		58	18	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	350	12	2	05	0	1	Ac	13.6		19	31		17		16	-8	0	18	16
EL FASHER	00	0	7	05	2	0	—			16	31				32	-1	0	13	6
GENEINA	40		15	05	0	0	—			18	31		17		17	-8	0		4
MALAKAL																			88
WAU	00	0	4	05	0	0	—	9.7		25	40		24		65	18	0.1	152	146
JUBA	170	7	30	04	2	6	Ac	8.3		27	40		21		52	16	0	224	150

Humidity — Mean of day

Station	9th	Diff. from normal
Alexandria	47	-18
Ezbekiya	38	-25
Giza	50	-18
Helwān	40	-13

Grass minimum on 10th: 2.7

Remarks

UPPER AIR OBSERVATIONS — 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.
1000						1000					
950						950					
900						900					
850						850					
800						800					
700						700					
600						600					
500						500					
400						400					
300						300					

UPPER WIND OBSERVATIONS on 9th

Station	Fouad A.P.		Port Said		Luxor		Kharga		Minya		Asyut		Almaza		Siwa		Dakhla		Hurghada		S. Barani	
Time	14		14		14		14		14		14		14 30		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.
300	240	30	250	17	180	2	360	23	330	8	320	9	280	8	360	18	360	5	350	19	240	23
600	260	11	250	20	340	19	360	29	340	10	340	12			260	18	360	6	340	21	250	35
1000	250	15	230	12	360	14	10	25	340	11	350	12	260	9	250	16	350	12	320	20	230	38
1500	210	26	250	27	340	15			360	18	360	13	250	9	260	23	360	12	290	22	250	35
2000			260	28							330	26			270	22					240	28
3000											260	25			250	25						
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 10th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time			4				8						7?						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			240	17			220	33					120	6					350	15		
600			250	15			230	41?					120	7					350	16		
1000			250	14			240	35					120	10					360	16		
1500			250	17			280	23					230	16								
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time									5		4		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																								
600									10	26	10	15	360	15			110	3						
1000											50	5	10	9			120	6	10	17	30	5		
1500											90	3	350	11			100	16	90	13	70	6		
2000													330	4										
3000									250	31	340	5	300	3			20	18			330	4		
4000											330	11												
5000																	280	6			330	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.

Note: All times are G.M.T.

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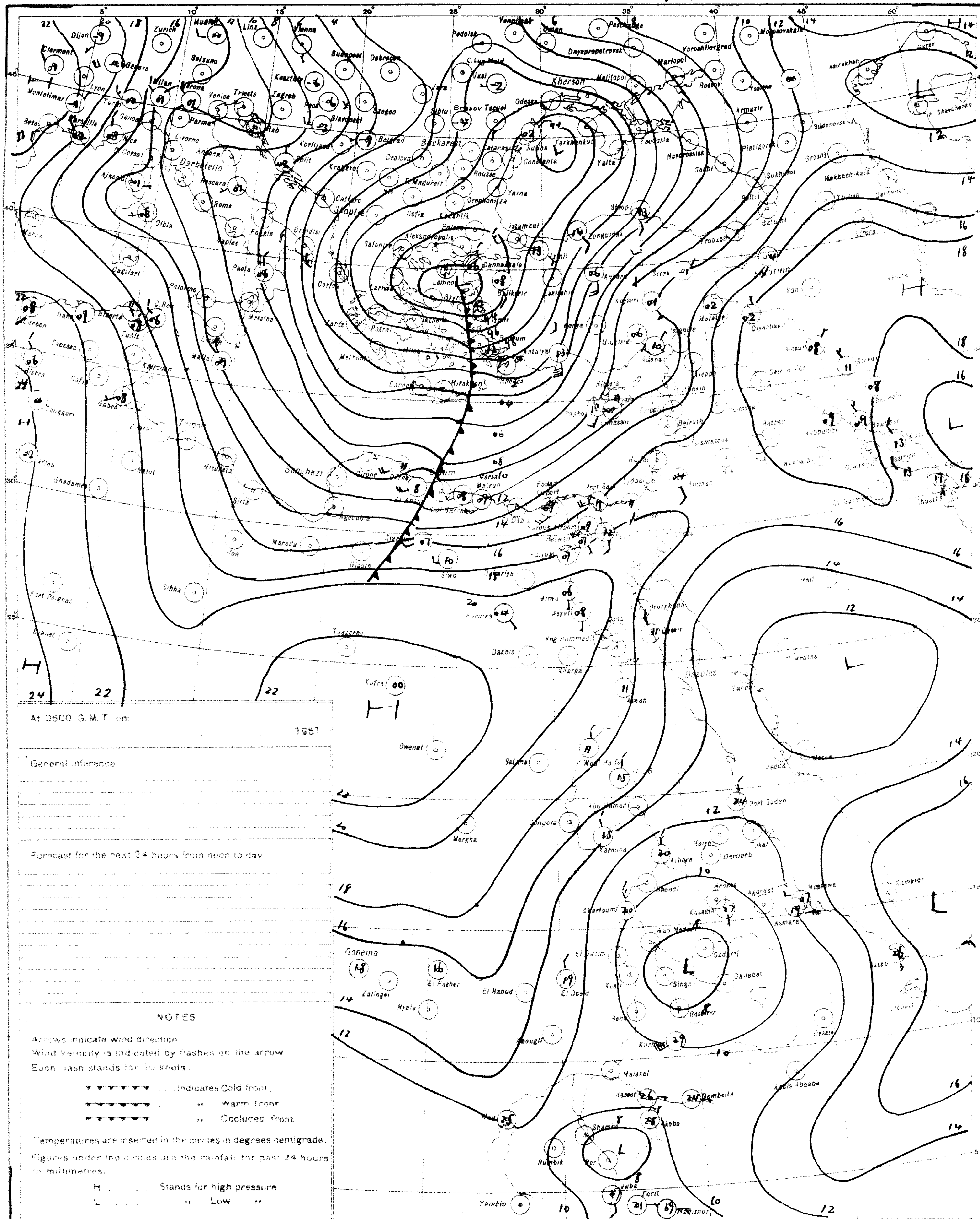
Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 10/2/ 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
	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		37
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

T.K

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 34 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: Monday 11th February, 1952

At 1200 on Sunday 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
62300	SALUM	250	24	15	09	3	4	Sc, Cu	10.8	17	34	1
303	SIDI BARANI	280	28	14	03	0	2	Cu	10.2	17	37	2
306	MATRUH	260	28	14	03	0	1	Cu	10.5	17	34	1
309	EL DABA	270	17	35	00	0	0	—		17	60	9
	ALEXANDRIA	20	23	50	00	0	0	—	12.0	15	48	4
318	FOUAD (Airport)	250	23	8	07	0	0	—	11.7	16	39	2
330	DAMIETTA	220	9	35	02	0	0	—	13.3	14	42	1
[illegible]	PORT SAID	240	18	15	02	0	0	—	12.8	18	40	4
336	EL ARISH											
329	DAMANHUR	270	19	15	02	0	0	—	13.0	19	46	7
342	MANSURA	220	13	35	00	0	0	—	12.8	19	23	-3
345	TANTA	270	13	35	02	0	0	—	13.3	19	30	1
354	ZAGAZIG	220	2	50	02	0	0	—	12.4	19	46	7
[illegible]	ISMAILIA											
366	FAROUK (Airport)	240	22	30	00	0	0	—	15.2	18		
[illegible]	ALMAZA	220	20	15	00	0	0	—	14.5	17	42	4
	EZBEKIYA	220	8	18	00	0	0	—	14.4	19	18	-6
	GIZA	220	8	18	00	0	0	—	14.6	20	17	-6
379	HELWAN	220	20	15	02	0	0	—	15.0	17	18	-8
381	FAIYUM	360	5	35	02	0	0	—	16.6	20	17	-6
387	MINYA	280	9	12	00	0	1	Ci	16.2	19	16	-8
393	ASYUT MANQABAD	320	5	30	02	1	1	Ci		18	12	-12
399	NAG HAMMADI	290	2	7	01	0	4	—	17.2	19	23	-3
402	QENA	290	2	50	01	1	3	Ci	16.2	22	16	-5
405	LUXOR	330	6	30	02	1	4	Cs	16.1	19	16	-8
414	ASWAN	360	11	15	07	3	7	As	15.4	20		
417	SIWA	270	13	14	00	0	0	—	16.3	17	37	2
420	BAHARIYA	270	2	35	02	0	0	—	16.3	20		
423	FARAFRA	270	8	7	02	2	2	Ac	17.4	20	17	-6
432	DAKHLA	340	11	35	01	2	3	As	18.3	17	26	-3
435	KHARGA	360	2	7	02	2	3	Ac	17.0	20	17	-6
450	SUEZ	130	5	50	02	0	0	—	14.3	18	37	3
459	TOR											
462	HURGHADA	360	23	30	03	0	2	Ci	14.5	20	33	3
465	QUSEIR	20	13	15	00	0	0	—	15.0	20	41	6
641	PORT SUDAN	50	16	30	02	2	2	Cu	10.6	27	70	21
600	WADI HALFA	360	20	15	05	2	7	Ac, Cs		22	13	-8
640	ABU HAMAD	360	8	30	02	2	8	Cs		27	17	0
660	KAREIMA	340	16	10	07	1	0	—	11.1	28	14	-2
680	ATBARA	10	14	10	07	0	1	Cs	7.2	32	24	9
721	KHARTOUM	340	15	30	02	0	0	—	8.2	32	13	0
[illegible]	KASSALA	340	7	30	02	.0	0	—	2.1	41	13	7
[illegible]	WAD MEDANI	310	9	15	02	0	0	—	4.6	36	19	9
[illegible]	RENK	310	13	35	02	1	0	—	5.8	36	19	9
[illegible]	ROSEIRES	300	2	35	02	1	0	—	4.0	36	35	18
[illegible]	EL OBEID	20	12	7	05	0	2	Ac	7.2	31	15	1
[illegible]	EL FASHER	50	3	30	02	0	0	—		32	15	2
[illegible]	GENEINA	50	2	15	05	0	0	—		32	13	0
840	MALAKAL	20	6	7	05	2	8	Ac, Ci	4.3	37	14	6
880	WAU	290	2	7	05	0	2	Ac	4.2	37	24	13
941	JUBA	180	9	15	04	2	6	Sc	3.1	37	33	18

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	250	13	15	00	0	0	—	12.3	13	55	4	0
SIDI BARANI												
MATRUH												
EL DABA	270	9	7	01	1	3	Cu		14	48	3	0
ALEXANDRIA	220	26	35	01	1	2	Ac	12.8	16	49	5	0
FOUAD (Airport)	260	16	12	03	1	6	Sc	12.8	16	45	4	0
DAMIETTA	220	5	7	02	0	0	—	12.4	13	55	4	0
PORT SAID	270	18	12	02	0	0	—	13.3	14	55	5	0
EL ARISH												
DAMANHUR	270	19	7	02	1	1	Cu	13.4	12	63	5	0
MANSURA	270	5		00	0	0	—	14.0	11	63	4	0
TANTA	220	2	35	02	0	0	—	14.6	11	77	7	0
ZAGAZIG	320	1	35	02	0	0	—	14.0	9	62	2	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA	260	15	12	00	0	0	—	15.1	15	59	7	0
EZBEKIYA	220	4	12	00	0	0	—	14.6	14	42	1	0
GIZA	220	4	12	00	0	0	—	15.9	12	44	0	0
HELWAN	220	5	7	05	0	0	—	15.5	13	44	1	0
FAIYUM	00	0	35	02	0	0	—	15.6	15	30	-3	0
MINYA	270	3	8	00	1	0	—	16.5	11	35	-4	0
ASYUT MANQABAD	230	4	10	00	0	0	—	17.2	14	21	-8	0
NAG HAMMADI												
QENA	270	2	15	00	0	0	—	18.2	11	63	4	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	16.7	16	15	-11	0
SIWA	290	11	11	03	2	7	—	17.0	16	49	5	0
BAHARIYA	270	2	15	02	1	3	Ci	17.4	12	63	5	0
FARAFRA	240	3	7	02	2	0	—	18.7	12	44	0	0
DAKHLA	340	11	35	00	0	0	—	20.3	12	33	-4	0
KHARGA	00	0	15	00	0	0	—	19.1	13	24	-7	0
SUEZ												
TOR												
HURGHADA	320	13	30	02	0	0	—	14.8	16	32	-1	0
QUSEIR	330	9	15	01	1	0	—		19	37	4	0
PORT SUDAN	10	16	30	03	2	8	Sc	12.2	25	77	21	0
WADI HALFA	310	15	30	02	2	8	—	16.9	16	72	11	0
ABU HAMAD	340	5	30	01	1	3	Ci		21	14	-8	0
KAREIMA	350	16	7	07	0	0	—	13.7	22	8	-15	0
ATBARA	340	10	30	03	1	4	Cs	10.6	23	26	2	0
KHARTOUM	320	13	30	02	0	0	—	9.7	27	14	-3	0
KASSALA	350	4	30	02	0	0	—	6.0	30	27	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	10	30	02	0	0	—	9.9	26	15	-3	0
EL FASHER	70	5	30	02	0	0	—		28	18	1	0
GENEINA	30	5	15	05	0	0	—		29	12	-3	0
MALAKAL	50	4	10	05	2	0	—	5.6	30	38	14	0
WAU	00	0	10	05	6	4	Ac	5.4	31	52	20	1
JUBA	00	0	10	04	2	3	Ac, Ci	4.6	29	49	17	0

At 0600 on Monday 11th February, 1952

Station	Wind 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
SALUM	250	9	15	03	1	4	—	19.1	+2.3	9	17	-2	6	-3	88	7	0	56	
SIDI BARANI																			
MATRUH	300	31	10	07	8	6	Cu	16.7	-0.1	12			8		97	12	0.2	117	
EL DABA	320	31	15	02	8	4	Cb			12	18		8		63	5	1	Rain	
ALEXANDRIA	310	35	50	03	8	6	St	15.2	-2.5	13	16	-3	10	-1	67	7	1	137	155
FOUAD (Airport)	300	30	12	02	6	7	Cu, Sc	14.5	-3.2	13	17	-2	11	+1	63	6	4	147	120
DAMIETTA	200	5	3	21	6	8	Cu, Sc	14.3	-2.4	9	17	-1	6	-3	97	9	0.1	136	78
PORT SAID	260	22	12	60	5	7	As	13.8	-3.9	11	18	0	10	-2	77	7	dr.	68	
EL ARISH																			
DAMANHUR	270	13	7	03	6	8	Ac	14.8	-2.1	9	19	-1	7	-1	62	2	0.1	69	69
MANSURA	270	9	15	50	5	8	Cu, Sc	15.2	-1.6	10	20	0	8	+1	77	6	dr.	36	34
TANTA	220	2	7	03	5	8	Ns	15.5	-1.8	10	21	0	6	-1	88	8	dr.	Rain	27
ZAGAZIG	220	2	35	03	1	3	—	15.6	-2.0	10	20	0	6	-1	77	6	0	29	17
ISMAILIA																			
FAROUK (Airport)	250	18	14	03	1	2	Sc	17.1		11			10		71	6	0	82	
ALMAZA	240	18	18	00	0	0	—	17.1	-1.5	11	19	-1	9	0	83	8	0	Rain	
EZBEKIYA	270	6	12	02	1	1	Ci	17.1	-0.6	11	21	0	10	+2	63	4	0	60	16
GIZA	270	6	12	02	1	1	Ci	16.8	-0.8	12	21	+1	8	+2	63	5	0	57	17
HELWAN	220	6	35	03	1	2	As	18.3	0.0	10	18	-2	9	0	70	6	0	59	17
FAIYUM	360	8	35	03	0	1	Ci	18.9	+1.2	12	21	-1	6	-1	55	3	0	23	5
MINYA	290	6	8	01	2	0	—	19.2	-0.7	10	20	-2	5	0	50	0	0	4	
ASYUT MANQABAD	270	3	8	10	0	0	—	20.8	+1.6	8	19	-2	6	0	58	0	0	2	
NAG HAMMADI	00	0	7	00	0	0	—	20.4	+2.6	11			2	-3	51	1	0	0.1	
QENA	320	2	15	00	0	0	—	20.3	+2.8	10	22	-2	4	-4	50	0	0	2	
LUXOR	230	3	30	00	0	0	—	19.6	+1.9	10					24	-10	0	dr.	
ASWAN	00	0	50	00	0	0	—	20.8	+2.8	11	21	-4	7	-4	19	-12	0	dr.	
SIWA	290	7	13	03	0	1	Ci	21.6	+2.1	10	18	-3	9	+4	67	4	0	Rain	6
BAHARIYA	320	3	35	01	1	0	—	21.2	+2.8	11	20	-2	7	+1	77	7	0	1	6
FARAFRA	290	3	7	02	2	2	Ci	22.6		10	21		5		62	3	0	Rain	
DAKHLA	340	11	50	00	0	0	—	21.5	+2.4	7	19	-5	2	-4	43	-5	0	dr.	
KHARGA	00	0	15	00	0	0	—	21.1	+2.8	10	21	-3	5	-2	38	-4	0	dr.	
SUEZ	220	5	50	00	0	0	—	17.1	-0.1	14			11	+1	48	3	0	32	11
TOR																			10
HURGHADA	290	10	30	00	2	0	—	16.7	-0.9	15	20	0	9	0	30	-3	0	0	
QUSEIR	330	13	15	02	0	0	—	17.2	+1.1	15	21	-2	10	-4	20	-8	0	dr.	4
PORT SUDAN	350	15	30	02	2	8	Sc, Cu	14.0		23	29		22		61	15	0	Rain	92
WADI HALFA	40	5	30	02	1	4	Ci	20.6		9	23		6		32	-7	0	dr.	
ABU HAMAD	360	7	30	03	0	3	Cs			14	28		12		13	-14	0		
KAREIMA	20	11	30	02	0	0	—	17.7		14	29		12		13	-14	0	dr.	1
ATBARA	340	17	4	07	2	8	Cs	13.1		18	33		16		12	-12	0	0	2
KHARTOUM	340	16	30	03	0	1	Ac	13.9		19	32		17		12	-11	0	0.6	4
KASSALA	230	1	30	03	0	1	Ci	9.8		23	41		18				0	49	8
WAD MEDANI	360	13	35	02	0	0	—	12.7		21	37		16		11	-11	0	20	12
RENK	310	5	35	02	0	0	—	12.0		22	37		19		25	1	0		49
ROSEIRES	310	2	35	02	0	2	Ci	10.7		24	38		22		54	14	0	92	36
EL OBEID	360	17	30	03	0	2	Ci	14.0		18	33		15		10	-15	0	18	16
EL FASHER	20	7	30	02	0	0	—			16	34		13		22	-6	0	13	6
GENEINA	40	10	30	03	0	2	Ci			17	35		16				0		4
MALAKAL	20	22	30	01	1	1	Ac	10.1		26	38		23		16	-2	0	94	88
WAU	00	0	7	05	0	2	Ci	8.7		25	38		23		51	14	1	153	146
JUBA	00	0	7	04	0	7	Sc	9.1		25	38		22		61	17	0	224	150

Station	10th	
Alexandria	39	-26
Ezbekiya	39	-24
Giza	42	-20
Helwan	35	-17

Grass minimum on 11th: 7.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Airport on 11th at 9h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	154	14		280	17
950					
900					
850	1501	4		290	30
800					
700	3059	-2		290	52
600					
500	5663	-18		290	66
400	7316	-24			
300					

UPPER WIND OBSERVATIONS on 10th

Station	Hurghada		Siwa		Asyut		Fouad A-P		Kharga		Minya		Dakhla		Port Said		Almaza		Almaza	
Time	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.
300	350	12	290	23	310	13	250	15	360	2	240	16	300	12	220	22	250	9	260	26
600	340	11	280	30	290	17	250	18	360	8	240	21	300	11	220	28	220	22	270	22
1000	320	13	280	39	280	10	250	14	350	11	270	14	300	12	220	32	240	29	260	31
1500			280	36	280	19					270	15	300	19	230	27	250	34		
2000			270	30	270	35					270	21								
3000					270	30														
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 11th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish				Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time							8		6				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.
300							250	18	240	29			300	20	310	38						
600							280	19	250	26			320	11	330	4						
1000							290	22	260	7			310	23	280	5						
1500									250	12			320	9	320	24						
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		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	290	23	60	40	340	23	10	9	20	11														
600	310	24	60	35	340	23	10	13	10	19	360	33	10	21	350	23	20	4						
1000	320		60	32	340	25	20	14	10	22	10	20	20	25	10	30	30	11						
1500	330	32	60	26			20	11	360	26	320	9	30	23	360	18	10	14						
2000	330	32									290	21			330	9								
3000	320	32							350	21	290	36					360	17						
4000	320	51									290	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.

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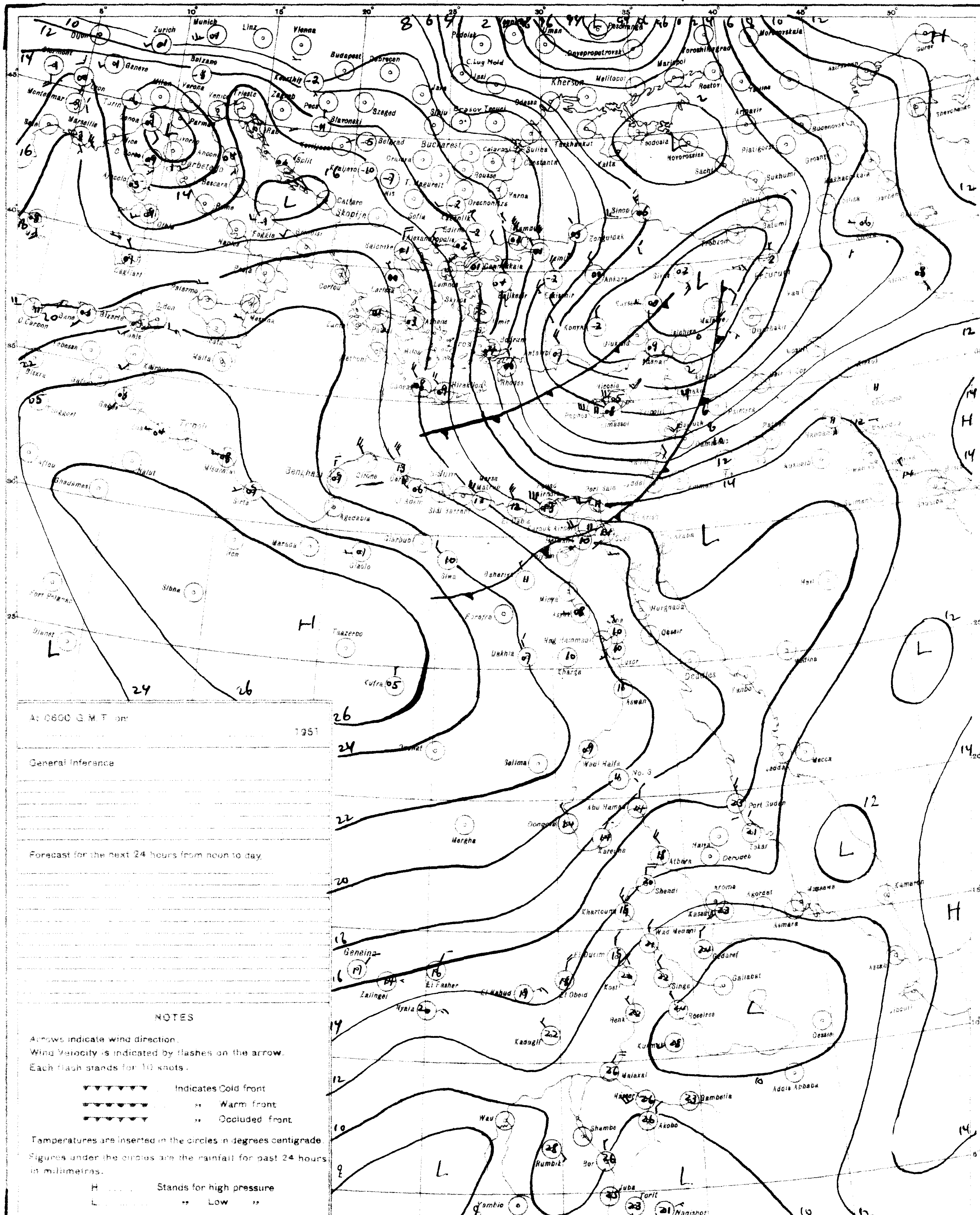
Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 11/2/* 1952



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 reduced by smoke		04
Dry haze		05
Dust in the air		06
Visibility more than 1000 metres	Dust or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during past hour	09
Mist		10
Shallow fog		11
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
Squalls		18
During past hour but not at time of observation	Drizzle	20
	Rain	21
	Showers of rain	25
	[illegible] hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
[illegible] hail		87
Rain [illegible] Thunderstorm during [illegible]		91
Hail [illegible] the last 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. 949(49/557) (50/531)

CAIRO

Time of Sunrise 04 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: Tuesday 12th February, 1952

At 1200 on Monday 11th

Index Number	Station	Wind Direction	Velocity in knots	Visibility 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	320	13	35	03	1	6	cb	20.8	15	39	1
303	SIDI BARÂNI											
306	MATRUH											
309	EL DABA	320	26	35	02	1	4	cb		14	77	10
	ALEXANDRIA	310	32	50	03	5	6	cb	17.0	14	55	5
318	FOUAD (Airport)											
330	DAMIETTA	320	13	7	01	5	5	cb	14.3	13	77	9
333	PORT SAID	290	25	12	01	2	3	cu,sc	14.4	15	55	6
336	EL ARISH											
339	DAMANHUR	310	13	15	02	1	6	cu	16.3	16	59	8
342	MANSURA	320	24	35	03	5	6	cu,sc	15.9	13	55	4
348	TANTA	220	5	15	03	5	8	NS	16.6	16	59	8
354	ZAGAZIG	220	1		02	1	6	—		16	68	10
440	ISMAILIA											
366	FAROUK (Airport)											
372	ALMAZA	290	20	10	01	1	4	sc	17.4	15	59	7
	EZBEKIYA	320	24	18	02	1	3	ci	17.5	16	34	0
	GIZA	320	24	18	02	1	3	ci	17.5	15	32	-1
378	HELWÂN	290	19	3	31	3	6	NS	17.9	15	39	1
381	FAIYUM	360	8	35	02	3	6	ci	19.2	17	42	4
387	MINYA	320	15	10	03	1	4	ac	18.9	19	24	-2
393	ASYÛT MANQABAD	320	14	30	02	1	1	cu	19.7	18	37	3
399	NAG HAMMADI	270	4	15	01	0	1	ac	18.6	19	37	4
402	QENA	290	3	50	00	0	0	—	16.4	20	33	3
405	LUXOR											
414	ASWÂN	340	6	15	01	1	3	ci	17.8	19	23	-3
417	SÎWA	340	12	14	02	0	1	cu	22.8	16	30	-2
420	BAHARÎYA	270	2	35	02	1	3	ac	20.7	16	68	10
423	FARAFRA	320	4	35	02	2	3	ac	21.9	17	34	1
432	DAKHLA	340	15	15	03	0	0	—	20.6	17	42	4
435	KHARGA	360	4	15	00	0	0	—	19.2	18	28	-1
450	SUEZ	310	6	50	03	6	6	cu	16.4	16	49	5
459	TÔR											
462	HURGHADA	320	19	30	02	0	0	—	14.8	20	33	3
465	QUSEIR	360	13	15	02	0	0	—	15.9	20	33	3
641	PORT SUDÂN	30	19	10	02	2	7	sc	12.5	25	54	15
600	WÂDI HALFA	60	16	15	02	0	1	cs	17.9	21	15	-7
640	ABU HAMAD	360	17	4	07	0	0	—		25	6	-15
650	KAREIMA	360	22	1.1	07	0	0	—	14.0	25	5	-17
680	ATBARA	360	20	2	07	2	1	cs	9.9	29	4	-17
721	KHARTUM	350	19	7	07	0	2	ci	9.5	29	5	-16
730	KASSALA	360	16	30	03	1	4	cs	4.3	35	35	17
751	WAD MEDANI	360	13	50	02	0	0	—	6.3	33	10	-2
[illegible]	RENK											
[illegible]	ROSEIRES											
[illegible]	EL OBEID	360	16	30	03	1	4	ci	9.3	29	5	-13
[illegible]	EL FASHER	40	5	30	03	1	6	ci		29	8	-9
[illegible]	GENEINA	10	10	30	03	0	3	cs		29	5	-7
840	MALAKAL											
880	WAU											
941	JUBA											

At 1800 on Monday 11th

Station	Wind Direction	Velocity in knots	Visibility 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	5	15	01	1	2	sc,cu	23.5	11	54	2	0
SIDI BARÂNI												
MATRUH	300	24	10	02	1	5	sc,cu	20.7	12	44	0	0.3
EL DABA	270	29	7	03	2	6	sc,cu		13	67	7	0
ALEXANDRIA	270	27	35	03	5	7	cb	20.2	13	82	1	dr.
FOUAD (Airport)	300	20	12	80	5	7	cu,sc	19.8	12	51	2	0.1
DAMIETTA	290	19		03	2	7	cb	17.2	11	77	7	dr.
PORT SAID	290	17	14	01	8	5	cu,sc	17.8	11	71	6	0.1
EL ARISH												
DAMANHUR	310	9	15	02	5	4	cu	19.0	11	63	4	dr.
MANSURA	320	9		50	5	8	cu,sc	19.0	10	82	7	dr.
TANTA		2	15	03	2	5	NS	19.3	9	88	7	dr.
ZAGAZIG	220	2	35	02	0	0	—	18.3	12	77	8	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA	250	9	10	01	2	5	sc	20.0	12	77	8	0
EZBEKIYA	320	6	12	02	1	2	ci	19.9	12	55	3	0
GIZA	320	6	12	02	1	2	ci	19.9	11	51	1	0
HELWÂN	290	13	3	30	3	1	ac	20.7	11	51	1	0
FAIYUM	360	6	35	02	2	6	ci	21.5	12	55	3	0
MINYA	340	6	8	01	0	0	—	20.7	12	44	0	0
ASYÛT MANQABAD	300	5	10	01	1	1	ci	20.9	12	55	3	0
NAG HAMMADI	290	2	7	01	0	4	as	19.5	13	55	4	0
QENA	220	2	7	00	0	0	—	19.4	15	48	4	0
LUXOR												
ASWÂN	360	5	15	00	0	0	—	19.8	15	20	-8	0
SÎWA	280	3	10	03	1	4	ac	23.6	13	44	1	0
BAHARÎYA	320	3	15	02	1	2	ac	22.8	10	76	6	0
FARAFRA	320	2	15	02	2	2	ac	23.5	11	41	-2	0
DAKHLA	320	8	35	00	0	0	—	23.0	12	44	0	0
KHARGA	00	0	15	00	0	0	—	21.4	13	24	-7	0
SUEZ	310	10	35	02	0	6	cu,ac	19.8	13	44	1	dr.
TÔR												
HURGHADA	320	15	30	02	0	0	—	16.4	15	48	4	0
QUSEIR	310	13	15	02	0	0	—	17.1	19	30	1	0

At 0600 on Tuesday 12th February, 1952

Station	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	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
SALÛM	270	9	50	03	2	7	cb,ac	25.4	+8.6	10	15	-4	7	-2	76	6	0	56	
SIDI BARÂNI	330	9	15	03	1	7	sc,ac	22.9		12			11		55	3	0	99	
MATRUH	330	9	15	03	2	7	sc,ci	23.7	+7.0	12	15		10		59	4	0.3	117	
EL DABA	320	5	15	03	2	6	sc,cu			12	15		11		55	3	0	Rain	
ALEXANDRIA	330	20	50	03	5	8	cu,sc	22.3	+4.6	13	16	-3	11	0	55	4	dr	137	156
FOUAD (Airport)	300	16	18	02	2	7	cu,sc	22.5	+4.8	13	15	-4	12	+2	55	4	dr.	147	121
DAMIETTA	340	5		03	2	8	sc	21.6	+4.9	12	15	-3	9	0	63	5	dr.	136	79
PORT SAID	310	15	12	03	2	8	cu,sc	21.5	+3.9	13	16	-2	10	-2	55	4	0.2	68	
EL ARISH																			
DAMANHUR	270	5	15	03	2	8	ac	21.9	+5.1	10	18	-2	8	0	88	8	dr.	69	70
MANSURA	320	5	15	03	2	8	sc	22.4	+5.6	10	16	-4	6	-1	76	6	dr.	36	35
TANTA	00	0	15	03	2	8	NS	22.0	+4.8	10	18	-3	5	-2	88	8	dr.	Rain	27
ZAGAZIG	00	0	35	03	1	4	cu	21.4	+3.8	9	16	-2			71	4	0	29	18
ISMAILIA																			
FAROUK (Airport)																			
ALMAZA	290	4	12	03	2	8	sc	23.1	+4.6	10	16	-4	8	-1	76	6	0	Rain	
EZBEKIYA	00	0	18	02	1	8	cs	23.1	+5.5	11	17	-4	8	0	63	4	0	60	16
GIZA	00	0	18	02	1	8	cs	22.7	+5.2	10	17	-3	6	0	62	3	0	57	17
HELWÂN	140	3	15	03	2	8	sc	24.0	+5.8	8	15	-5	7	-2	71	3	0	59	17
FAIYUM	00	0	35	03	2	7	cb	24.3	+6.6	9	19	-3	6	-1	71	4	0	23	5
MINYA	360	3	10	00	0	0	—	24.8	+4.9	6	19	-3	2	-3	66	0	0	4	
ASYÛT MANQABAD			8	10	0	0	—	24.9	+5.8	7	18	-3	4	-2	76	3	0	2	
NAG HAMMADI																			
QENA	290	3		00	0	0	—	22.6	+5.3	11	21	-4	6	-2	51	1	0	2	
LUXOR	320	2	30	00	0	0	—	22.2	+4.6	11			7		51	1	0	dr.	
ASWÂN	360	5	50	00	0	0	—	22.3	+4.3	11	20	-5	8	-3	51	1	0	dr.	
SÎWA	00	0	13	00	0	0	—	25.6	+6.2	8	17	-4	4	-1	62	1	0	Rain	6
BAHARÎYA	340	2	35	02	0	0	—	26.0	+7.6	10	18	-4	3	-3	76	6	0	1	6
FARAFRA	00	0	35	02	2	1	cu	25.8		9	17		4		62	2	0	Rain	
DAKHLA	340	8	50	00	0	0	—	24.6	+5.6	8	19	-5	5	-1	58	0	0	dr.	
KHARGA	360	2	15	00	0	0	—	23.4	+5.2	9	19	-5			62	2	0	dr.	
SUEZ	310	8	50	00	0	6	cu	23.1	+5.9	12	17	-4	8	-2	55	3	dr.	32	11
TÔR																			10
HURGHADA	320	20				2	sc	20.3	+2.7	14	21	+1	8	-1	45	2	0	0	
QUSEIR	310	19	15	02	0	0	—	19.8	+3.8	13	21	-2	12	-2	44	1	0	dr.	4
PORT SUDÂN	30	16	30	02	2	8	sc,cs	15.8		21	27		18		47	9	0	Rain	92
WÂDI HALFA																			
ABU HAMAD	360	15	10	03	1	3	ci			13	25		11		38	-1	0		
KAREIMA	20	9	30	02	1	4	ci	18.3		13	26		11		38	-1	0	dr.	1
ATBARA	350	20	7	07	2	7	cs	15.1		15			8		25	-5	0	0	2
KHARTÛM	340	15	15	07	1	5	cs	15.6		17	30		13		16	-9	0	0.6	4
KASSALA																			8
WAD MEDANI	360	5	50	02	1	3	ci	14.7		18	34		15		17	-8	0	20	12
RENK																			49
ROSEIRES																			36
EL OBEID	20	15	10	01	0	1	ci	14.1		15	29		14		14	-13	0	18	16
EL FÂSHER	40	3	17	02	1	7	cs			12	31				21	-10	0	13	6
GENEINA	40	11	30	03	0	7	cs			15	31		13		14	-13	0		4
MALAKAL	20	20	7	05	0	0	—	11.5		22	36		19		8	-15	0	94	88
WAU																			146
JUBA	360	8	10	04	2	1	ci	10.5		27	38		23		22	3	0	224	151

Humidity Mean of day

Station	on 11th	Diff. from normal
Alexandria	53	-12
Ezbekiya	53	-10
Giza	53	-15
Helwan	52	0

Grass min. temp. on 12th 3.8

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE (Farouk Airport / Airport / 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					

Remarks

UPPER WIND OBSERVATIONS on 11th

Height m.	Port Said (14) Dir.	Vel.	Kharga (14) Dir.	Vel.	Minya (14) Dir.	Vel.	Dakhla (14) Dir.	Vel.	Asyut (14) Dir.	Vel.	Siwa (14) Dir.	Vel.	Minya (20) Dir.	Vel.
300	280	26	10	25	350	16	10	12	320	25	320	23	350	24
600	270	43	10	30	350	18	360	13	320	23	320	24	350	33
1000	270	43	10	28	340	19	10	16	320	23	320	30	340	26
1500	270	41			330	23			330	21	320	24	330	35
2000					320	26			300	24	320	25		
3000											320	26		
4000											330	32		
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 12th

Height m.	Sidi Barani		Matruh (5) Dir.	Vel.	Fouad Airport		Port Said (8) Dir.	Vel.	El Arish		Helwan		Minya (8) Dir.	Vel.	Asyut Manqabad		Luxor (5) Dir.	Vel.	Aswan (8) Dir.	Vel.	Hurghada (8) Dir.	Vel.
300			320	11			300	9					350	4			360	17	360	18	300	15
600			320	15			320	9					350	14			330	28	350	10	230	10
1000			320	15			330	12					350	16			340	23	10	23		14
1500			340	15			320	18					360	19			350	16	360	21		
2000																	270	10				
3000–8000																						

Height m.	Siwa		Bahariya		Dakhla		Kharga (8) Dir.	Vel.	Wadi Halfa		Abu Hamad (4) Dir.	Vel.	Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal (4) Dir.	Vel.
300							360	22																
600							360	29			350	17												
1000							10	29			10	23											20	49
1500							10	19			10	23											30	48
2000																								
3000											210	14												
4000–8000																								

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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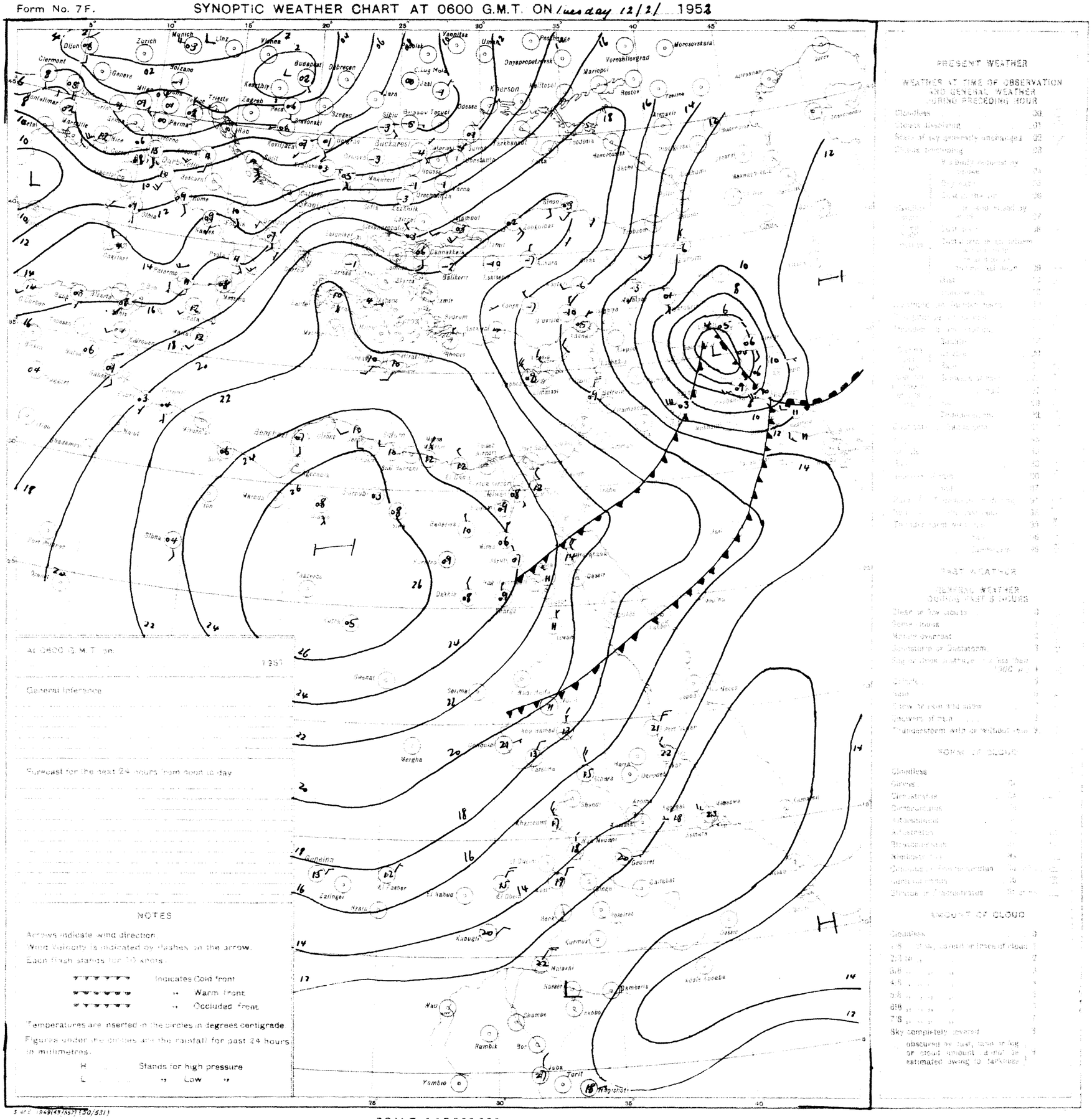
Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 12/2/ 1952



CAIRO
Time of Sunrise 04 38 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 : Wednesday 13th February, 1951 2

At 1200 on Tuesday 12th

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	SALŪM	320	5	35	03	2	6	Sc, Cu	23.3	15	48	4
308	SĪDI BARĀNI											
306	MATRŪH	300	12	18	01	2	5	Sc	23.4	15	55	6
309	EL DABA	320	7	35	03	2	8	St		14		
	ALEXANDRIA	310	18	50	03	5	7	St, ac	23.0	14	48	3
318	FOUAD (Airport)	300	19	18	02	2	7	cu, Sc	22.7	14	52	4
330	DAMIETTA	290	5	15	01	1	6	Sc	22.2	13	77	9
333	PORT SAID	280	11	12	01	8	7	cu, Sc	21.9	13	67	7
336	EL ARISH											
338	DAMANHUR	40	9	15	02	2	8	Sc	22.4	14	55	5
342	MANSURA	360	9	15	03	2	7	Sc	22.2	15	48	4
348	TANTA	00	0	35	03	2	8	NS	21.8	14	67	8
354	ZAGAZIG	220	1	50	02	1	6	cu	22.3	14	67	8
440	ISMAILIA											
366	FAROUK (Airport)	290	10	18	02	2	8	Sc	23.5	14	48	3
372	ALMAZA	320	12	14	02	2	8	Sc	22.7	14	67	8
	EZBEKIYA	320	8	18	02	1	8	Cs	22.6	15	45	3
	GIZA	320	8	18	02	1	8	Cs	22.2	15	48	4
373	HELWĀN	290	5	35	02	2	8	Sc	23.1	14	48	3
381	FAIYŪM	360	2	35	03	2	7	cb	23.5	16	42	3
387	MINYA	10	9	12	00	1	0	—	22.4	17	34	1
392	ASYŪT MANQABAD	360	12	30	00	0	0	—	22.2	16	39	2
395	NAG HAMMADI	290	2	7	01	0	7	cu	20.5	18	40	4
402	QENA	290	2	50	00	0	0	—	19.6	21	26	1
405	LUXOR	350	10	30	00	0	0	—	19.6	19	24	-2
414	ASWĀN	360	5	50	01	1	2	ci	19.1	19	23	-3
417	SĪWA	270	9	14	00	0	0	—	24.0	15	34	-1
420	BAHARIYA	360	2	35	02	0	0	—	22.8	15	68	9
423	FARAFRA	360	3	35	02	2	2	ac	23.6	16	42	3
432	DAKHLA	320	11	50	00	0	0	—	22.0	17	18	-8
435	KHARGA	360	4	15	00	0	0	—	21.6	17	26	-3
453	SUEZ	310	8	50	02	0	6	cu	20.8	15	39	1
459	TOR											
462	HURGHADA	340	27	18	02	0	0	—	18.9	15	55	6
465	QUSEIR		19	15	02	0	0	—	19.0	18	46	6
641	PORT SUDĀN	40	23	7	07	2	6	cu, ci	13.9	25	42	11
600	WĀDI HALFA	360	23	30	01	0	0	—	18.4	20	24	-1
640	ABU HAMAD	360	5	30	01	1	3	ci		25	11	-8
660	KAREIMA											
680	ATBARA	350	14	7	07	2	7	Cs	10.4	27	8	-11
721	KHARTUM	360	15	10	05	0	4	ci	10.2	28	9	-8
780	KASSALA											
751	WAD MEDANI											
[illegible]	RENK											
802	ROSEIRES											
[illegible]	EL OBEID	20	13	15	02	0	1	ci	10.5	26	5	-17
760	EL FASHER	40	10	30	02	2	7	Cs		25	10	-9
[illegible]	GENEINA	20	7	30	01	2	3	ac, Cs		28	8	-9
840	MALAKAL	30	13	30	02	0	0	—	5.9	33	12	0
860	WAU	20	2	10	04	0	7	Cs	6.9	32	7	-9
[illegible]	JUBA	360	5	10	04	0	0	—	5.4	35	10	-1

At 1800 on Tuesday 12th

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
SALŪM												
SĪDI BARĀNI												
MATRŪH	240	5	11	02	2	7	Sc	23.6	12	63	5	0
EL DABA	00	0	7	03	2	7	St		11	77	7	0
ALEXANDRIA	310	9	35	02	2	8	cu, Sc	23.9	13	44	1	dr
FOUAD (Airport)	320	10	12	02	2	7	Sc	23.6	13	48	2	0
DAMIETTA	320	2	7	02	1	6	Sc	23.1	12	77	8	0
PORT SAID	280	8	14	02	8	8	cu, Sc	23.1	12	77	8	dr.
EL ARISH												
DAMANHUR	360	5	15	02	1	6	cu	23.5	10	82	7	0
MANSURA	360	5		03	2	4	Sc, cu	23.5	11	63	4	0
TANTA	00	0	35	03	2	6	NS	22.8	11	77	7	0
ZAGAZIG	220	1	35	02	1	6	cu	23.0	12	88	10	0
ISMAILIA												
FAROUK (Airport)	20	3	12	01	2	6	Sc	24.1	12	67	6	dr
ALMAZA	30	4	12	02	2	8	Sc	23.8	12	82	9	0
EZBEKIYA	90	4	12	02	1	8	Cs	23.5	12	67	6	0
GIZA	90	4	12	02	1	8	Cs	23.1	13	55	4	0
HELWĀN	340	8	15	01	2	7	ac	24.3	12	55	3	dr.
FAIYŪM	00	0	35	01	1	3	cb	24.6	12	55	3	0
MINYA	360	3	8	00	0	0	—	23.1	10	62	3	0
ASYŪT MANQABAD	310	2	10	00	0	0	—	23.1	9	82	6	0
NAG HAMMADI	00	0		01	0	2	Sc, cu	23.0	12	55	3	0
QENA	320	2	7	00	0	0	—	20.3	15	48	4	0
LUXOR	210	3	12	00	0	0	—	20.2	12	36	-3	0
ASWĀN	360	5	15	00	0	0	—	20.4	15	30	-3	0
SĪWA	270	2	10	00	0	0	—	24.6	12	51	2	0
BAHARIYA	00	0	15	02	0	0	—	23.6	11	63	4	0
FARAFRA	340	1	15	02	0	0	—	24.8	10	50	0	0
DAKHLA	340	11	35	00	0	0	—	24.3	12	33	-4	0
KHARGA	00	0	15	00	0	0	—	23.3	12	41	-1	0
SUEZ	360	3	35	01	0	3	Cu	22.7	13	67	7	0
TOR												
HURGHADA	320	25	12	02	0	0	—	208	14	52	4	0
QUSEIR	330	19	15	02	0	0	—	19.1	18	52	8	0

At 0600 on Wednesday 13th February, 1952

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	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM																			
SIDI BARANI																			
MATRUH	210	10	14	02	2	7	cu, Sc	25.2	+8.5	8	16		6		71	3	0	117	
EL DABA	270	7	15	03	2	8	St			10	15		8		62	3	0	Rain	
ALEXANDRIA	360	6	50	03	5	8	As	24.6	+7.0	14	16	-3	11	0	55	5	dr.	137	157
FOUAD (Airport)	160	6	12	02	2	7	cu, Sc	24.2	+6.6	12	16	-3	11	+1	88	10	0	147	122
DAMIETTA	250	5		50	2	8	cu, Sc	24.6	+8.0	10	14	-4	9	0	88	8	dr.	136	79
PORT SAID	60	10	18	01	2	5	cu, Sc	24.6	+7.0	12	14	-4	11	-1	67	6	dr.	68	
EL ARISH																			
DAMANHUR	230	5	15	02	1	6	ac	24.3	+7.6	11			7	-1	77	7	0	69	71
MANSURA	270	5	35	03	2	4	ac	24.8	+8.0	11	16	-4	8	+1	58	3	0	36	35
TANTA	220	2	35	03	2	7	cu	24.9	+7.7	11	15	-6	7	0	77	7	0	60	28
ZAGAZIG	220	1	35	02	1	7	cu	25.2	+7.7	9	17	-3	6	-1	88	7	0	29	18
ISMAILIA																			
FAROUK (Airport)	200	4	12	01	2	6	Sc	26.1		11	15		6		63	4	dr.	82	
ALMAZA	170	4	12	01	1	4	Sc	25.6	+7.1	10	15	-5	8	-1	88	8	0	Rain	
EZBEKIYA	00	0	12	02	1	6	ci	25.6	+8.0	10	16	-5	7	-1	71	5	0	60	16
GIZA	00	0	12	02	1	6	ci	24.8	+7.3	12	16	-4	5	-1	63	5	0	57	17
HELWAN	00	0	7	05	1	2	ac	26.3	+8.1	9	14	-6	7	-2	41	4	dr.	59	17
FAIYUM	00	0	35	02	1	3	St	26.2	+8.6	9	18	-4	3	-4	71	4	0	23	5
MINYA	00	0	8	00	0	0	—	25.1	+5.3	4	17	-5	1	-4	87	2	0	5	
ASYUT MANQABAD	270	3	3	10	0	0	—	25.4	+6.4	6	17	-4	3	-3	87	4	0	2	
NAG HAMMADI											19	-4							
QENA	270	2	15	00	0	0	—	24.0	+6.8	9	22	-3	5	-3	62	2	0	2	
LUXOR											20								
ASWAN	360	6	15	00	0	0	—	22.2	+4.3	11	20	-5	8	-3	51	1	0	dr.	
SIWA	00	0	13	00	0	0	—	25.6	+6.3	8	17	-4	4	-1	50	-2	0	Rain	6
BAHARIYA											17	-5							6
FARAFRA	00	0	35	02	0	0	—	24.9		3	17		-1		65	-3	0	Rain	
DAKHLA	340	8	50	00	0	0	—	24.7	+5.8	7	18	-6	2	-4	43	-5	0	dr.	
KHARGA	360	3	15	00	0	0	—	24.4	+6.3	9	18	-6	6	-1	62	2	0	dr.	
SUEZ	40	4	50	00	0	2	Sc	24.6	+7.5	11	18	-3	4	-6	63	4	0	32	11
TOR																			10
HURGHADA	290	14	30	02	0	0	—	22.1	+4.6	11	18	-2	8	-1	58	3	0	0	
QUSEIR	330	13	15	02	0	0	—	21.8	+5.8	13	19	-4	12	-2	55	4	0	dr.	4
PORT SUDAN	340	22	10	07	2	4	Sc, ci	16.1		20	26		16		53	10	0	Rain	92
WADI HALFA	350	12	30	03	1	5	ci	22.0		9	22		7		50	-1	0	dr.	
ABU HAMAD																			
KAREIMA	50	9	30	03	0	8	Cs	18.5		14	26		11		32	-3	0	dr.	1
ATBARA	10	14	10	07	2	8	Cs	16.9		17	28		13		34	1	0	0	2
KHARTUM	360	12	30	03	0	4	ci	15.4		16	29		13		24	-5	0	0.6	4
KASSALA	20	6	30	03	1	3	Cs	11.7		21	33		15		44	8	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	360	12	30	03	0	3	ci	16.1		14	28		10		23	-7	0	18	16
EL FASHER	00	0	15	02	2	7	Cs			11	27		8		41	-2	0	13	6
GENEINA	40	9	30	03	1	7	ac, Cs			13	31		11		31	-4	0		4
MALAKAL	20	16	30	02	0	0	—	11.2		22	35		18		16	-5	0	94	88
WAU																			147
JUBA																			151

Humidity at Mean of day

Station	on 12th	Diff. from normal
Alexandria	48	-17
Ezbekiya	58	-4
Giza	57	-11
Helwan	59	+7

Grass minimum temp. on 13th 2.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE — Farouk Airport / Airport / Airport (On … At …): Pressure (mbs), Height above M.S.L. (metres), Temp. °C, Humid. %, Wind Dir., Vel. — levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300: no entries.

Remarks

UPPER WIND OBSERVATIONS on 12th

Height m.	Luxor (14 30) Dir.	Vel.	Matruh (14) Dir.	Vel.	Fouad A.P. (14) Dir.	Vel.	Port Said (14) Dir.	Vel.	Minya (14) Dir.	Vel.	Asyut (14) Dir.	Vel.	Dakhla (14) Dir.	Vel.	Kharga (14) Dir.	Vel.	Port Said (20) Dir.	Vel.
300	360	1	300	15	320	13	310	10	360	19	350	8	350	20	10	24	300	10
600	340	6	300	16	320	16	320	16	350	18	350	10	350	20	10	29	320	12
1000	340	10	300	17	310	10	310	19	330	24	360	15	350	13	10	26	310	11
1500	330	13	290	13	310	15	320	7	10	16	340	24	350	13			310	14
2000	360	14	290	9					350	24	320	24						
3000	360	12									320	27						
4000																		
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 13th

Height m.	Sidi Barani Dir.	Vel.	Matruh (5) Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said (2) Dir.	Vel.	El Arish	Helwan	Minya	Asyut Manqabad	Luxor	Aswan (8) Dir.	Vel.	Hurghada
300			260	9			260	10						360	19	
600			280	6			280	10						340	6	
1000			330	3			270	11						350	23	
1500			40	9			320	7								

Height m.	Siwa	Bahariya	Dakhla	Kharga	Wadi Halfa (4) Dir.	Vel.	Abu Hamad (4) Dir.	Vel.	Kareima	Khartum	Kassala	El Obeid	El Fasher	Malakal
300					20	15								
600					30	18	20	26						
1000					50	20	40	22						
1500					30	18	40	13						
2000														
3000					30	19	320	20						

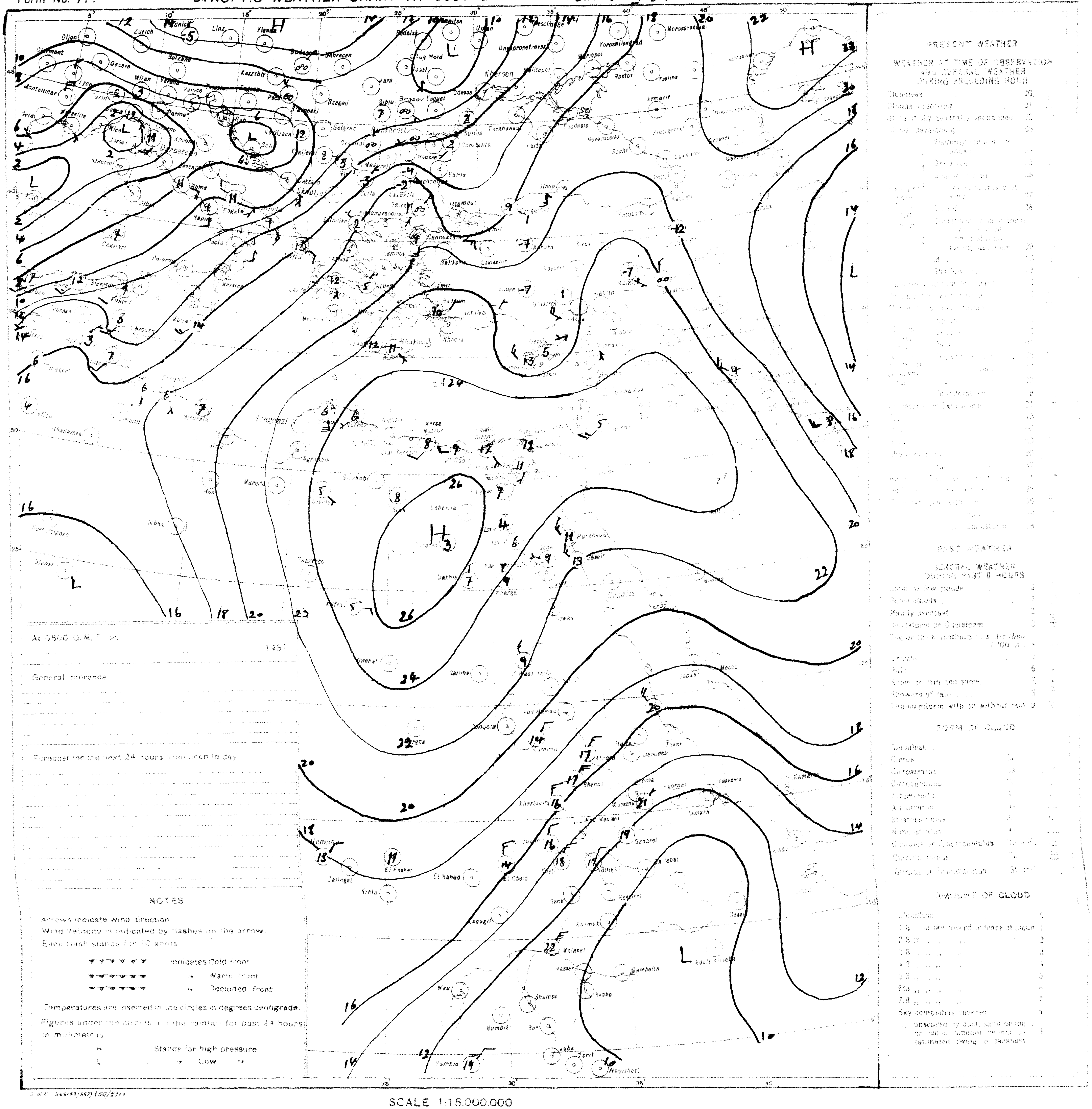
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt [illegible] (50/531)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 13-2-1951



S. of E. 949(49/557)(50/53)

SCALE 1:15.000.000

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: Thursday 14th February, 1952

At 1200 on Wednesday 13th

Index Number	Station	Wind Direction	Velocity in Knots	Visibility 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	90	5	35	00	0	1	Ci	23.4	18	46	6
303	Sidi Barani	10	5	18	00	0	0	—	23.0	17	49	6
306	Matruh	260	3	18	02	0	1	Cu	23.8	18	40	4
309	El Daba	320	7	35	03	2	7	St		16	42	3
	Alexandria	40	5	50	01	2	3	Cu	23.9	17	42	4
318	Fouad I (Airport)	340	8	18	01	1	3	Cu, Ac	23.7	17	42	4
330	Dam Etta	320	5	15	01	1	3	Ns	23.6	16	59	8
333	Port Said	320	5	30	01	0	1	Sc	23.6	16	68	10
336	El Arish											
339	Damanhur	40	5	15	02	1	6	Ac	23.5	17	52	7
342	Mansura	340	5	35	03	2	8	Sc	23.9	17	52	7
345	Tanta	360	5	35	03	2	8	Ns	23.9	17	60	9
	Zagazig	00	0	50	03	1	4	Cu	23.3	19	52	9
	Ismailia											
366	Farouk (Airport)											
	Almaza	360	6	30	03	1	4	Cu	23.6	18	52	8
	Ezbekiya	350	10	18	02	1	4	Cu, Ac	23.5	19	37	4
	Giza	350	10	18	02	1	4	Cu, Ac	22.8	18	46	6
	Helwan	290	9	35	03	1	3	Cu	24.2	17	34	1
	Fayum	00	0	35	02	1	3	St	23.5	18	37	3
387	Minya	360	11	10	00	0	0	—	22.9	18	32	1
393	Asyut (Airport)	360	11	30	00	0	0	—	21.9	18	37	3
399	Nag Hammadi	00	0	15	00	0	0	—	21.2	22	29	3
	Qena	220	2	50	00	0	0	—	20.6	20	41	6
405	Luxor	340	3	30	00	0	0	—	19.6	20	35	4
	Aswan	340	4	50	00	0	0	—	19.0	21	20	-3
	Siwa	110	3	14	00	0	0	—	24.3	18	30	0
	Bahariya	360	2	35	02	0	0	—	23.9	17	60	9
	Farafra	360	1	35	02	0	0	—	24.3	17	42	4
	Dakhla	340	11	50	00	0	0	—	23.1	18	28	-1
	Kharga	360	6	15	00	0	0	—	23.1	18	20	-5
	[illegible]	40	8	50	02	0	2	Cu	22.4	17	34	1
	Tor	360	2	50	02	0	0	—	20.4	18	46	6
	Hurghada	360	17	30	02	0	0	—	19.7	17	56	8
	Quseir	360	19	15	02	0	0	—	19.1	19	46	7
	Port Sudan	20	25	2	07	2	7	Cu		25	48	13
	Wadi Halfa	360	6	30	02	1	2	Ci	18.1	22	20	-2
	Abu Hamad	20	6	30	02	2	8	Cs		27	8	-10
	Karima	30	14	10	02	1	5	Ci	14.0	27	9	-9
	Atbara	20	15	10	07	2	8	Cs	10.6	29	10	-6
	Khartoum	50	12	30	03	1	6	Cs	10.9	29	12	-3
	Kassala	360	7	30	01	2	4	Cs	6.2	32	26	10
	Wad Medani	360	9	35	02	1	3	Ci	7.9	31	11	-3
	Renk	310	5	35	02	0	0	—	7.2	33	26	11
	Roseires	50	2	35	02	0	0	—	5.9	34	36	17
	El Obeid	50	18	30	02	1	5	Ci	9.5	27	10	-7
	El Fasher	90	7	30	02	2	6	Ci		26	17	-1
	Geneina	40	5	30	02	2	4	Ci		27	13	-4
340	Malakal	40	13	30	02	0	0	—	5.6	35	14	4
380	Wau	340	5	7	04	0	1	Ci	6.8	33	8	-5
	Juba	40	3	10	04	0	2	Ci	5.3	35	12	1

At 1800 on Wednesday 13th

Station	Wind Direction	Velocity in Knots	Visibility 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	—	22.4	13	67	7	0
Sidi Barani	30	6	15	00	0	0	—	21.9	14	55	5	0
Matruh	80	6	18	00	0	0	—	23.8	10	88	8	0
El Daba	00	0	7	00	0	0	—		12	77	8	0
Alexandria	40	4	35	00	0	0	—	24.0	14	67	8	0
Fouad I (Airport)												
Dam Etta	320	5		01	0	1	Ns	23.6	13	77	9	0
Port Said	360	4	15	02	0	1	Sc	22.9	14	77	10	0
El Arish												
Damanhur	40	9		02	1	3	Cu	23.8	12	72	7	0
Mansura	360	5		00	1	0	—	24.7	12	77	8	0
Tanta	00	0	35	02	2	5	Ns	22.8	11	77	7	0
Zagazig	00	0	35	02	1	0	—	24.3	13	77	9	0
Ismailia												
Farouk (Airport)	50	5	13	00	0	0	—	24.0	13	67	7	0
Almaza	40	6	12	00	2	0	—	23.6	14	77	10	0
Ezbekiya	00	0	12	00	0	0	—	23.1	14	63	7	0
Giza	00	0	12	00	0	0	—	23.0	14	55	5	0
Helwan	360	5	15	01	0	0	—	23.6	14	55	5	0
Fayum	00	0	35	01	1	2	St	22.7	13	55	4	0
Minya	350	3	8	00	0	0	—	22.1	9	71	4	0
Asyut (Airport)	280	5	10	00	0	0	—	22.1	11	63	4	0
Nag Hammadi	00	0	14	00	0	0	—	19.9	14	55	5	0
Qena	240	2	7	00	0	0	—	20.3	15	59	7	0
Luxor	270	4	12	00	0	0	—	19.6	13	55	4	0
Aswan	00	0	15	00	0	0	—	19.4	16	32	-1	0
Siwa	130	2	10	01	0	0	—	23.4	12	59	4	0
Bahariya	00	0	35	02	0	0	—	23.3	12	63	5	0
Farafra	40	1	15	02	0	0	—	23.0	10	62	3	0
Dakhla	20	8	35	00	0	0	—	24.3	14	36	-1	0
Kharga	00	0	15	00	0	0	—	21.4	13	24	-7	0
[illegible]												
Tor	310	2		02	0	0	—		16	49	5	0
Hurghada	360	12	12	02	0	0	—	20.9	14	59	6	0
Quseir	310	19	15	02	0	0	—	19.3	18	60	10	0
Port Sudan												
Wadi Halfa	10	9	30	01	0	0	—	19.4	16	28	-3	0
Abu Hamad												
Karima	20	10	30	02	1	3	Cs	15.0	12	14	-15	0
Atbara	350	7	30	02	2	7	Cs	13.2	21	25	0	0
Khartoum	360	9	30	02	2	3	—	12.5	23	15	-5	0
Kassala	20	4	30	01	1	0	—	10.1	23	36	7	0
Wad Medani												
Renk												
Roseires												
El Obeid	30	9	30	01	0	0	—	12.4	22	33	5	0
El Fasher												
Geneina												
Malakal	360	5		02	0	0	—	9.6	26	35	9	0
Wau	360	2	10	05	0	0	—	9.6	29	20	4	0
Juba	00	0	10	03	0	0	—		26	35	9	0

At 0600 on Thursday 14th February, 1952

Station	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	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total	Rainfall Normal
Salûm	280	5	35	00	1	3	Ci	21.4	+4.7	12	19	0	8	-1	63	5	0	56	
Sidi Barani	180	4	18	02	0	0		21.5		7	19		5		71	2	0	100	
Matruh	160	7	15	03	0	0	—	22.8	+6.1	9	18		7 ?		88	7	0	117	
El Daba	00	0	15	00	0	0	—			10	17		4 ?		76	6	0	Rain	
Alexandria	130	5	35	04	1	3	Cu	23.5	+5.9	12	19	0	10	-1	77	8	0	137	158
Fouad I (Airport)	140	1	14	02	0	0	—	23.0	+5.4	11			6	-4	94	10	0	147	122
Dam Etta	220	2	1.5	42	4	2	Ac	23.8	+7.2	10	17	-1	7	-2	97	10	0	136	80
Port Said	270	2	12	02	0	2	Ac	23.7	+6.2	13	17	-1	10	-2	82	10	0	68	
El Arish																			
Damanhur	130	5	1.5	28	4	0	—	23.0	+6.3	10	18	-2	5	-3	88	8	0	69	72
Mansura	40	5	35	00	0	0	—	24.2	+7.5	8	19	-1	5	-3	88	6	0	36	35
Tanta	00	0	35	02	0	0	—	23.7	+6.6	8	19	-2	2	-5	97	8	0	60	28
Zagazig											21	+1							18
Ismailia																			
Farouk (Airport)	70	7	14	00	0	0	—	23.6		10	18		7		88	8	0	82	
Almaza	20	5	12	00	0	1	As	23.5	+5.1	8	18	-3	6	-3	97	8	0	7.1	
Ezbekiya								23.5	+6.0	8	20	-1	7	-1	88	6	0	60	16
Giza	360	4	12	00	0	0	—	22.6	+5.1	9	19	-2	5	-1	71	4	0	57	17
Helwan	20	11	15	02	0	0	—	23.1	+5.0	12	18	-2	9	0	63	5	0	59	17
Fayum	00	0	35	01	0	1	Cs	22.5	+5.0	10	19	-3	7	0	76	6	0	23	5
Minya	350	3	8	00	0	0	—	22.6	+2.8	6	19	-3	2	-3	87	4	0	5	
Asyut (Airport)	270	3	6	10	0	0	—	22.0	+3.1	7	19	-2	4	-2	81	4	0	2	
Nag Hammadi	00	0	7	01	0	3	As	21.6	+4.0	11	23	0	3	-2	51	1	0	0.1	
Qena	320	2	15	00	0	0	—	22.1	+5.0	9	22	-3	6	-2	71	4	0	2	
Luxor	00	0	30	00	0	0	—	21.4	+4.0	10	21		3		58	2	0	dr.	
Aswan	360	4	50	00	0	0	—	20.7	+2.8	11	22	-3	8	-3	77	7	0	dr.	
Siwa	00	0	12	02	0	1	Ci	22.6	+3.4	7	18	-3	5	0	66	1	0	25	6
Bahariya	00	0	35	02	0	0	—	23.4	+5.1	12	18	-4	2	-4	77	8	0	1	6
Farafra	00	0	35	02	0	0	—	23.6		6	17		0		57	-2	0	Rain	
Dakhla	00	0	50	00	0	0	—	22.3	+3.4	9	19	-5	3	-3	47	-2	0	dr.	
Kharga	00	0	15	00	0	0	—	21.6	+3.6	10	19	-5	3	-4	62	3	0	dr.	
[illegible]	360	4	50	00	0	0	—	24.2	+7.2	11			6	-4	63	4	0	44	11
Tor	360	2	50	02	0	0	—	21.4	+4.7	12			7	-3	44	0	0	1	10
Hurghada	290	13	30	02	0	1	Cu	20.3	+2.9	13	18	-2	9	0	48	2	0	0	
Quseir	330	13	15	02	0	0	—	19.4	+3.5	14	19	-4	12	-2	55	5	0	dr.	4
Port Sudan																			92
Wadi Halfa											22								
Abu Hamad																			
Karima	20	14	30	02	1	8	Cs	16.7		14					27	-5	0	dr.	1
Atbara	10	16	10	07	2	7	Cs	15.0		16	30				45	4	0	0	2
Khartoum	360	8	30	02	1	3	Cs	14.9		16	31				24	-5	0	0.6	4
Kassala	40	2	30	03	0	2	Cs	12.0		19	33		11		60	11	0	49	8
Wad Medani	50	5	35	02	0	0	—	13.8		17	33		11		26	-3	0	20	12
Renk																			49
Roseires																			36
El Obeid	360	6	30	03	0	1	Ci	15.4		15	29		11		16	-11	0	18	16
El Fasher																			6
Geneina	40	10	30	02	1	3	Ci			15	30		13				0		4
Malakal											35								88
Wau	40	2	10	04	0	0	—	11.3		21	34		17				0	153	147
Juba											36								152

Station	13th	
Alexandria	55	-10
Ezbekiya	61	-1
Giza	57	-10
Helwan	57	+5

Grass min. on 14th 3.0

UPPER AIR OBSERVATIONS

RAWINSONDE

Pressure mbs	Airport — 14th at 9h: Height above M.S.L. metres	Temp °C	Humid %	Wind Dir.	Wind Vel.	Helwan — 14th at 9h: Height above M.S.L. metres	Temp °C	Humid %	Wind Dir.	Wind Vel.
1000	188	15		50	21	193	15		80	9
950										
900										
850	1545	10		120	5	1572	10		190	3
800										
700	3139	2		70	9	3189	0		270	13
600										
500	5773	-13		270	50	5864	-15		280	65
400	7433	-24		280	68					
300	9461	-41		280	102	9603	-42		290	120

UPPER WIND OBSERVATIONS on 13th

Station	Matruh		Port Said		Minya		Asyut		Luxor		Siwa		Dakhla		Hurghada		S.Barani						Minya		Port Said	
Time	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	30	3	320	12	290	25	360	17	10	8	130	16	20	13	340	15	50						20	19	10	11
600	60	3	310	10	310	16	360	20	340	10	140	19	20	12	340	19	80	5					30	21	10	10
1000	170	5	300	6	300	17	360	22	350	13	130	10	30	13	310	19	120	8					40	19	10	12
1500	190	8	340	6	330	21	360	17	10	19	70	12	60	6	290	22							70	7	20	9
2000	330	3	340	9			340	11	10	21	60	9													20	12
3000	280	12					340	16			320	8														
4000	70	9					330	21			330	8														
5000	300	24					330	17			310	22														
6000							320	24																		
7000							300	42																		
8000																										

UPPER WIND OBSERVATIONS 14th

Station	Sidi Barani		Matruh		Farouk (Airport)		Port Said		El Arish		Helwan		[illegible]		[illegible]		[illegible]		Aswan		Hurghada			
Time	8		8		8		2				7		8		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	180	17	150	11	100	9	100	3			80	9	340	8	20	3	30	4	360	9	330	12		
600	190	17	150	10	80	14	90	5			80	19	50	5	300	3	100	9	40	13	50	3		
1000	210	14	170	8	100	14	40	6			80	12	60	12	30	3	20	9	50	17	60	6		
1500	200	10			90	16	80	9			190	3	70	10	120	3	280	4	300	4	230	4		
2000	210	10			210	11	320	8			190	3	120	9	220	2	30	7	40	10	360	3		
3000	260	12			220	16					270	13	170	4			20	8						
4000					230	6					270	26			300	16								
5000											280	34			290	36								
6000											280	65												
7000											280	71												
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Karima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8								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	130	23	230	8																				
600	130	26	230	5									40	23	20	23							20	34
1000	140	22	240	11									60	23	50	36							20	24
1500	180	13	230	13									30	12	30	11							20	27
2000	200	15													350	16								
3000	310	10											20	13	320	8								
4000	290	25													340	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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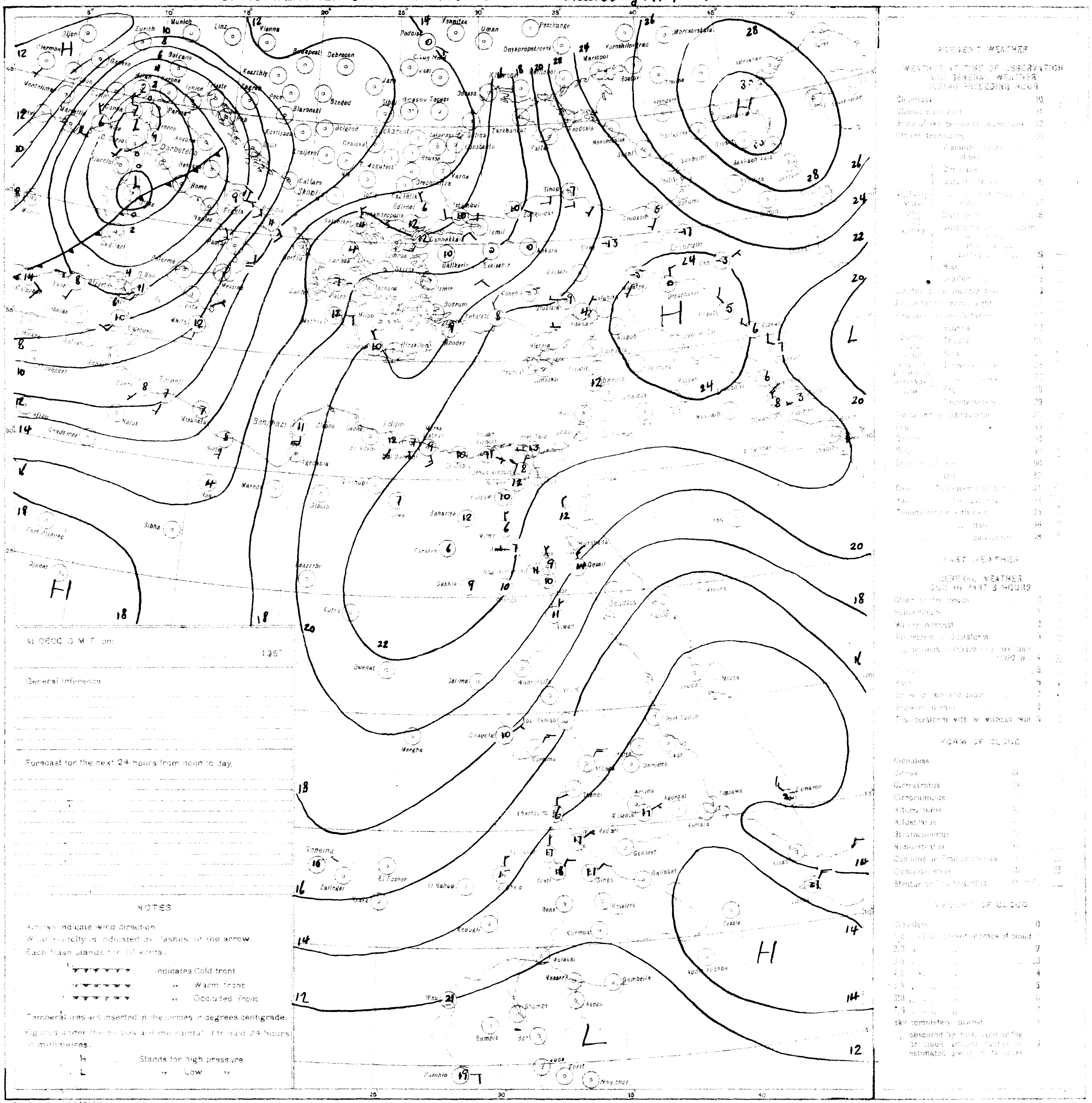
Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 14/2/1952



SCALE 1:15,000,000

S.O.C. 949(49/557) (50/53)

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 7 F.

DAILY WEATHER REPORT

Date: Friday 15th February, 1951 2

WEATHER BUREAU (stamp)

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	180	9	35	00	0	1		18.8	20	41	6
	303	Sîdi Barâni	140	5	30	00	0	0	—	19.3	19	37	4
	306	Matrûh	100	7	30	00	0	0	—	20.6	18	46	6
	309	El Dab'a	90	11	35	00	0	0	—		17	52	7
		Alexandria	40	8	50	01	2	4	Ac	20.4	18	52	8
	318	Fouad (Airport)	80	10	18	02	1	4	Cu	20.4	18	52	8
	330	Damietta	40	2	35	00	0	0	—	21.0	17	60	9
	333	Port Said	90	5	30	02	0	0	—	20.8	16	77	12
	336	El 'Arish	40	6	15	01	1	2	Cu	20.2	16	59	8
Lower Egypt	339	Damanhur	130	9	15	02	1	1	Cu	20.0	20	41	6
	342	Mansura	40	9	35	00	0	0	—	21.1	20	41	6
	348	Tanta	00	0	35	01	1	1	Cu	20.9	20	46	8
	354	Zagazig	320	2	50	02	1	0	—	20.3	20	46	8
	440	Ismailia											
Cairo Area	366	Farouk (Airport)	70	18	30	00	0	0	—	19.8	19	37	4
	372	Almâza	40	19	30	01	0	0	—	18.9	20	56	11
		Ezbekîya	40	6	18	00	0	0	—	18.7	22	31	4
		Gîza	40	6	18	00	0	0	—	18.4	21	27	1
	373	Helwân	60	8	35	02	0	0	—	18.4	21	27	1
Upper Egypt	381	Faiyûm	00	0	35	01	0	0	—	19.9	22	36	6
	387	Minya	190	2	10	00	0	0	—	18.3	21	33	4
	393	Asyût Manqabad	00	0	30	00	0	0	—	18.5	19	49	8
	399	Nag' Hammâdi	00	0	15	00	0	0	—	17.8	22	29	3
	402	Qena	220	2	50	00	0	0	—	17.6	24	32	6
	405	Luxor	330	6	30	00	0	0	—	17.5	21	33	4
	414	Aswân	340	3	50	00	0	0	—	15.5	24	21	0
Oases	417	Sîwa	140	9	14	03	0	2	Ci	20.7	19	28	0
	420	Baharîya	00	0	35	02	0	0	—	20.2	20		
	423	Farafra	360	1	35	02	1	1	Cu	20.4	19	46	7
	432	Dakhla	340	5	50	00	0	0	—	18.7	22	21	-1
	435	Kharga	00	0	15	00	0	0	—	18.4	22	21	-1
Red Sea	450	Suez	360	4	50	01	0	0	—	18.8	21	27	1
	459	Tôr											
	462	Hurghâda	40	8	30	02	0	0	—	18.1	19	52	9
	465	Quseir	360	13	35	02	0	0	—	18.7	21	57	12
	641	Port Sudân	20	20	7	07	1	1	Cu	12.9	27	45	14
North Sudan	600	Wâdi Halfa	20	6	30	03	1	3	Ci	15.4	24	18	-2
	640	Abu Hamad	50	4	30	03	1	6	Cs		28	5	-14
	660	Kareima											
	680	Atbara	30	11	30	01	2	6	Cs	9.9	29		
	721	Khartum	20	10	30	02	0	1	Ci	10.0	29	12	-3
	730	Kassala	20	3	30	02	0	1	Cs	6.3	32	26	10
Central Sudan	757	Wad Medani	360	5	35	02	0	0	—	7.4	31	13	0
	80[illegible]	Renk											
	802	Roseires											
	771	El Obeid	40	15	30	02	0	1		8.7	27	12	-5
	790	El Fasher	80	10	30	02	0	1	Ci		28	11	-5
	770	Geneina	60	3	30	03	1	5	Ci		31	6	-10
S. Sudan	840	Malakal											
	880	Wau	290	7	10	04	0	0	—	6.3	33	10	-3
	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	270	2	15	00	0	0	—		13	67	7	0
Sîdi Barâni	120	12	18	00	0	0	—	18.9	14	55	5	0
Matrûh	120	4	10	00	0	1	—	19.9	11	82	8	0
El Dab'a	90	2	7	00	0	0	—		13	83	10	0
Alexandria	40	10	35	00	0	0	—	20.2	14	77	10	0
Fouad (Airport)												
Damietta	90	5	7	02	0	0	—	20.7	15	77	11	0
Port Said	60	17	15	02	0	0	—	20.3	15	77	11	0
El 'Arish												
Damanhur	130	9	7	02	0	0	—	20.0	12	77	8	0
Mansura	20	5		00	0	0	—	20.3	13	77	9	0
Tanta	00	0	35	01	1	2	Cu	19.9	13	67	7	0
Zagazig	320	1	35	02	0	0	—	19.2	14	77	10	0
Ismailia												
Farouk (Airport)												
Almâza	40	17	12	00	0	0	—	18.8	15	77	11	0
Ezbekîya	90	16	12	00	0	0	—	18.4	15	59	7	0
Gîza	90	16	12	00	0	0	—	18.4	16	49	5	0
Helwân	40	9	15	02	0	0	—	18.8	15	48	4	0
Faiyûm	00	0	35	02	0	0	—	19.2	13	67	7	0
Minya	00	0	8	00	0	0	—	18.7	13	55	4	0
Asyût Manqabad	220	3	10	00	0	0	—	18.3	14	55	5	0
Nag' Hammâdi	00	0		01	0	4	As	17.2	12	77	8	0
Qena	320	2	7	00	0	0	—	19.2	15	59	7	0
Luxor												
Aswân	360	4	15	00	0	0	—	16.2	19	30	1	0
Sîwa	150	2	10	01	0	0	—	18.7	13	59	4	0
Baharîya	00	0	15	02	0	0	—	19.0	14	67	8	0
Farafra	40	1	15	02	2	2	Cu	19.2	14	55	6	0
Dakhla	320	8	35	00	0	0	—	20.0	17	26	-3	0
Kharga			15	00	0	0	—	19.0	14	27	-5	0
Suez	360	4	35	02	0	0	—	18.2	15	48	4	0
Tôr												
Hurghâda	00	0	12	02	0	0	—	17.0	18	46	6	0
Quseir	330	9	15	02	0	0	—	17.9	18	52	8	0

At 0600 on Friday 15th February, 1952

Station	Wind 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
Salûm	340	2	15	03	1	3	Ci	15.9	-0.8				8	-1			0	56	
Sîdi Barâni	160	13	18	02	1	2	Cs	16.0		9	22		7		82	6	0	100	
Matrûh											20								
El Dab'a	00	0	15	00	0	0	—			16	19		6		88	8	0	197	
Alexandria	130	11	35	04	1	2	Ci	18.2	+0.7	12	20	+1	11	0	88	10	0	137	158
Fouad (Airport)	100	6	12	02	0	0	—	18.2	+0.6	11			7	-3	97	11	0	147	123
Damietta	40	2	15	03	1	2	Cu	19.1	+2.5	14	18	0	10	+1	88	12	0	136	81
Port Said	150	4	10	01	0	2	Sc	18.3	+0.8	14	18	0	13	+1	88	12	0	68	
El 'Arish	90	2	18	03	1	1	Cu	18.1	+0.7	12			9		77	8	0	90	
Damanhur	130	13	3	02	0	0	—	18.6	+2.0	11	21	0	6	-2	77	7	0	69	73
Mansura	40	3		42	4	0	—	18.7	+2.0	10	22	+1	9	+1	88	8	0	36	35
Tanta	130	2	35	02	0	0	—	18.4	+1.3	10	20	-1	6	-1	76	6	0	60	28
Zagazig	40	1	3	10	4	0	—	17.6	+0.2	9	21	+1	4	-3	97	9	0	29	18
Ismailia																			
Farouk (Airport)	110	12	12	02	2	2	Ci	18.4		12			9		77	8	0	82	
Almâza	40	5	12	02	2	1		17.2	-1.2	11	21	0	10	+1	88	9	0	71	
Ezbekîya	270	4	0.1	42	4	9		17.5	0.0	11	23	+2	8	0	82	8	0	60	16
Gîza	270	4	0.1	42	4	9		17.8	+0.4	7	22	+1	4	-2	97	7	0	57	17
Helwân	00	0	3	10	0	1	Ci	18.0	0.0	11	21	+1	10	+1	77	7	0	59	18
Faiyûm	00	0	15	10	0	1	Ci	17.9	+0.4	10	23	+1	5	-2	76	6	0	23	5
Minya	00	0	8	02	0	1	Ci	18.0	-1.7	6	22	0	2	-3	87	4	0	5	
Asyût Manqabad	90	2	3	10	0	0	—	17.8	-1.0	9	22	+1	6	0	71	4	0	3	
Nag' Hammâdi	00	0	7	00	0	0	—	17.8	+0.3	12	25	+2	4	-1	55	3	0	0.1	
Qena	360	2	15	00	0	0	—	17.5	+0.5	11	24	-1	6	-2	51	1	0	2	
Luxor	00	0	30	00	0	0	—	17.1	-0.3	9			3		44	-3	0	dr.	
Aswân	360	3	50	00	0	0	—	17.4	-0.4	14	25	0	10	-1	48	3	0	dr.	
Sîwa	110	3	13	03	0	3	Ci	17.4	-1.8	8	20	-1	7	+2	71	3	0	25	6
Baharîya	00	0	15	02	0	0	—	18.4	+0.2		22	0	2	-4			0	1	6
Farafra	00	0	35	02	2	2	Cu	18.3		7	23		2		57	-1	0	Rain	
Dakhla	00	0	50	00	0	0	—	17.6	-1.2	9	24	0	5	-1	34	-6	0	dr.	
Kharga	00	0	15	00	0	0	—	17.9	-0.1	11	23	-1	5	-2	51	1	0	dr.	
Suez	00	0	50	00	0	0	—	17.4	+0.5	15	22	+1	7	-3	48	4	0	44	11
Tôr																			10
Hurghâda	290	12	30	02	0	0	—	16.4	-1.0	14	20	0	9	0	52	4	0	0	
Quseir	330	9	15	02	0	0	—	16.0	+0.1	15	21	-2	13	-2	68	9	0	dr.	4
Port Sudân	340	12	30	02	0	1	Sc	14.0		22	27		10		38	7	0	Rain	92
Wâdi Halfa	320	2	30	00	1	0	—	16.2		11	25		8		41	-2	0	dr.	
Abu Hamad	360	3	30	02	0	0	—			16	29		12		22	-6	0		
Kareima	20	6	30	02	0	0	—	14.2		16	29		11		19	-8	0	dr.	1
Atbara	10	10	30	02	0	0	—	12.9		17	30		13		39	3	0	0	2
Khartum	360	10	30	02	0	0	—	12.8		17	30		13		19	-7	0	0.6	4
Kassala	220	2	30	03	0	1	Cs	10.9		19	32		10		52	9	0	49	8
Wad Medani	360	5	35	00	0	0	—	10.7		17	32		9		28	-2	0	20	12
Renk																			49
Roseires	310	2	35	02	0	0	—	10.8		21	36		14		50	10	0	92	36
El Obeid	10	7	30	03	0	2	Ci			16	30		12		9	-18	0	18	16
El Fâsher	350	4	30	03	0	1	Ci			10	30		7		22	-11	0	13	6
Geneina	40	5	30	02	0	0	—			15	33		10		10	-17	0		4
Malakâl	20	13	30	02	0	0	—	10.0		22	36		18		25	1	0	94	88
Wâu	360	2	7	04	0	0	—	10.3		20	35		17		26	0	0	153	147
Juba	180	2	10	05	4	2	Ac Ci	9.0		25	37		18		32	7	0	224	152

Humidity % Mean of day

Station	on 14th	Diff from normal
Alexandria	70	+5
Ezbekiya	66	+4
Giza	61	-6
Helwan	49	-2.

Grass minimum temp. on 15th 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 At

Pressure 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	S.Barani		Kharga	
Time	14		14	
Height m.	Dir.	Vel.	Dir.	Vel.
300	170	12	40	6
600	170	11	60	8
1000	170	13	60	8
1500	160	16		
2000				
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 15th.

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		El Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghâda	
Time			8				8						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.
300			150	15			100	13					260	1	320	2	30	4			50	4
600			140	9			80	12					270	1	40	3	50	5			270	2
1000			180	5			70	13					320	4	330	4	40	5			180	3
1500			180	10			80	26					330	6	10	8	90	2			140	2
2000			110	7			80	31							330	7						
3000			260	14			40	12							290	10						
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																	
Height m.	Dir.	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			80	3	10	10																
600	140	22			120	3	20	12																
1000	180	15			280	4	20	11																
1500	230	9			340	7																		
2000	250	13			340	8																		
3000	240	16																						
4000	260	22																						
5000	260	35																						
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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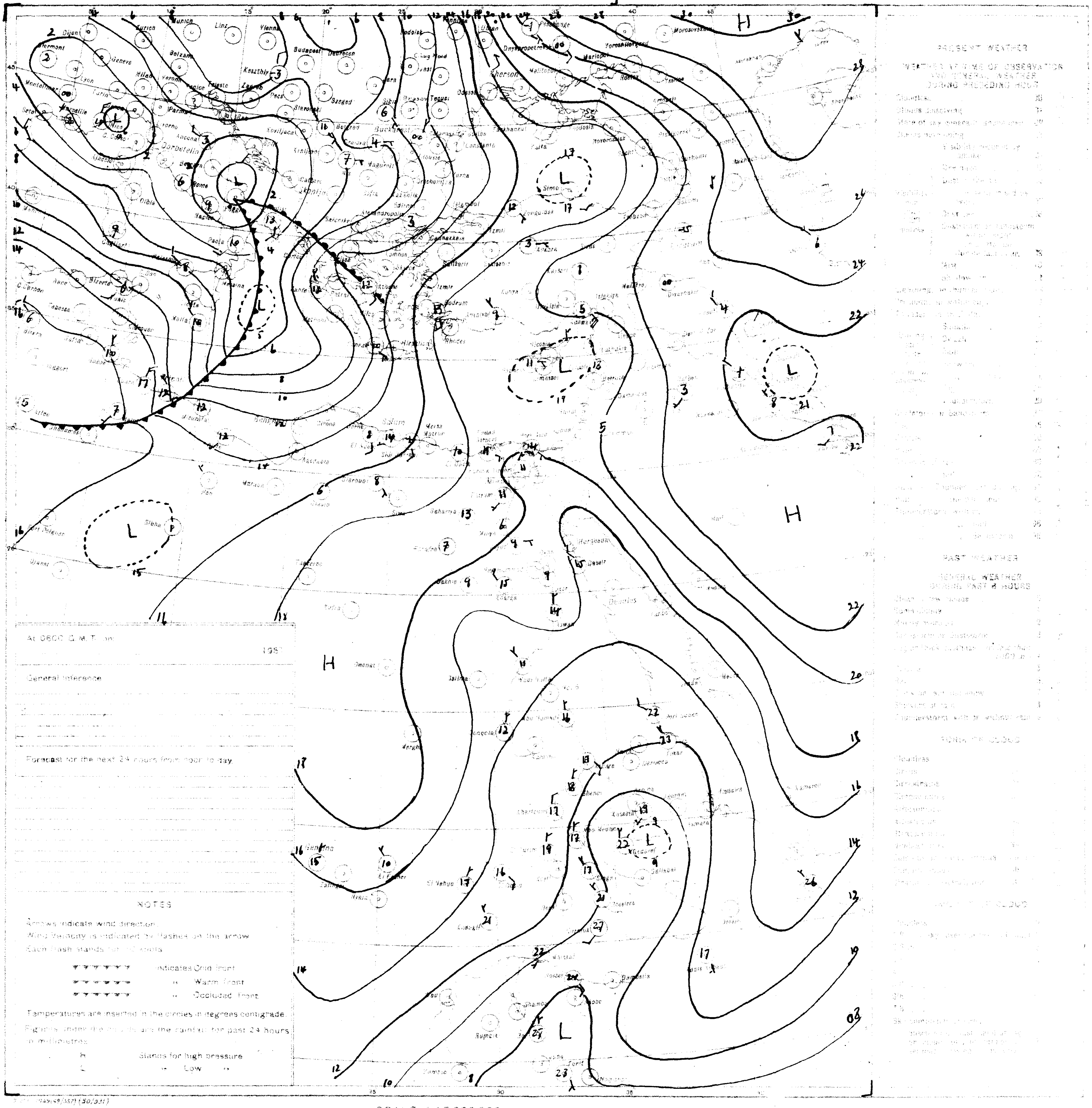
Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 15-2- 1952*



SCALE 1:15,000,000

1949(49)/357)(50/531)

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

WEATHER BUREAU (stamp)

Form 7F

DAILY WEATHER REPORT

Date: Saturday 16th February, 1952

At 1200 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
SALŪM											
SIDI BARĀNI											
MATRUH	130	4	30	01	1	2	Ci	15.3	20	35	4
EL DABA	70	10	35	00	0	0	—		17	64	10
ALEXANDRIA	130	12	50	01	2	3	Ci	15.4	20		
FOUAD (Airport)	90	11	18	01	1	4	Cu, Ci	15.6	20	46	8
DAMIETTA	110	5	35	03	1	4	Ac	17.0	18	60	10
PORT SAID	80	7	30	02	0	1	Cu, Ci	16.0	16	77	12
EL ARISH											
DAMANHUR	130	13	15	02	1	1	Cu	16.2	22	44	9
MANSURA	90	5	35	02	1	3	As	16.2	21	50	10
TANTA	40	5	35	01	1	4	Cu	15.8	21	41	7
ZAGAZIG	40	2	50	02	1	0	—	15.8	21	50	10
ISMAILIA											
FAROUK (Airport)	70	8	30	02	1	1		15.8	21	53	11
ALMAZA	50	8	15	02	1	1	Ci	14.6	22	53	12
EZBEKIYA	350	4	18	02	1	1	Cu	14.2	23	32	5
GIZA	350	4	18	02	1	1	Cu	14.8	24	26	3
HELWAN	00	0	15	02	0	0	—	14.7	22	29	3
FAIYUM	00	0	35	01	0	0	—	14.7	23	38	8
MINYA	260	2	12	02	1	1	Ci	14.5	23	38	8
ASYUT (Mangabad)	260	2	30	02	1	1	Ci	14.4	22	38	7
NAG HAMMADI	00	0	15	01	0	1	Ac	14.3	25	34	8
QENA	240	2	50	00	0	0	—	14.4	26	30	7
LUXOR	00	0	30	00	0	0	—	13.2	24	26	3
ASWAN	360	4	50	01	1	3	Ci	12.7	25	24	3
SIWA	140	7	14	00	0	0	—	15.5	22	23	0
BAHARIYA	270	2	35	02	0	0	—	15.0	25		
FARAFRA	200	1	35	02	2	3	Ac	15.8	26	30	7
DAKHLA	00	0	50	00	0	0	—	13.4	24	21	0
KHARGA	00	0	15	00	0	0	—	14.0	24	21	0
SUEZ	90	1	50	02	0	0	—	13.6	22	44	9
TOR											
HURGHADA	30	7	30	02	0	0	—	13.5	21	47	9
QUSEIR	20	9	15	02	0	0	—		21	74	16
PORT SUDAN	40	16	30	02	0	1	Cu	11.3	25	58	16
WĀDI HALFA	360	10	50	03	0	1	Ci	11.9	26	21	2
ABU HAMAD	40	4	30	02	0	0	—		30	13	-1
KAREIMA	20	5	30	02	0	0	—	9.9	29	17	1
ATBARA											
KHARTUM	360	7	30	02	0	0	—	8.1	31	15	1
KASSALA	10	4	30	02	0	0	—	4.2	33	20	7
WĀD MEDANI											
RENK	310	9	35	02	0	2	Ci	5.8	34	29	13
ROSEIRES											
EL OBEID	10	9	30	01	0	1	Ci	7.2	29	9	-7
EL FASHER	70	4	30	02	0	1	Ci		29	9	-7
GENEINA	10	4	30	03	0	1	Cs		31	4	-16
MALAKAL											
WAU	50	7	10	04	0	4	Ac, Ci	4.6	34	8	-5
JUBA	360	2	8	04	2	2	Ac, Cs	3.0	35	12	1

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
MATRUH	120	4	18	01	0	0	—	14.9	12	88	10	0
ALEXANDRIA	40	12	35	00	0	0	—	15.2			12	0
FOUAD (Airport)	40	10	12	01	1	0	—	15.3	13	82	10	0
DAMIETTA	110	5	7	00	0	0	—	16.6	16	68	10	0
PORT SAID	80	12	14	02	0	0	—	15.8	15	77	11	0
DAMANHUR	130	9	7	02	0	0	—	15.2	13	77	9	0
MANSURA	40	5		00	1	0	—	15.8	13	77	9	0
TANTA	90	2	35	02	1	0	—	15.8	12	77	8	0
ZAGAZIG	40	2	35	02	0	0	—	14.2	16	68	10	0
ALMAZA	70	10	12	00	0	0	—	14.8	16	64	9	0
EZBEKIYA	00	0	12	00	0	0	—	14.3	15	63	8	0
GIZA	00	0	12	00	0	0	—	15.2	16	49	5	0
HELWAN	20	12	7	02	0	0	—	14.6	17	34	1	0
MINYA	00	0	8	02	1	1	Ci	14.6	13	48	2	0
ASYUT (Mangabad)	340	2	10	02	1	1	Ci	15.0	16	45	4	0
NAG HAMMADI	00	0		01	0	2	Ac	14.6	18	49	7	0
QENA	220	2	7	00	0	0	—	13.9	18	46	6	0
LUXOR	00	0	12	00	0	0	—	13.8	17	42	4	0
ASWAN	00	0	15	00	0	0	—	13.5	19	37	4	0
SIWA	140	6	8	00	0	0	—	14.7	16	42	3	0
FARAFRA	40	1	15	02	2	1	Cu	15.2	15	39	1	0
DAKHLA	40	8	35	00	0	0	—	15.7	18	20	-5	0
SUEZ	310	1	35	02	0	0	—	13.9	13	55	4	0
HURGHADA	210	4	12	02	0	0	—	13.8	15	59	7	0

At 0600 on Saturday 16th February, 1952

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	Temp. Dry bulb	Max. Yesterday	Max. Diff from normal	Min. Today	Min. Diff from normal	Humidity %	Dew point °C	Rain past 24 hrs	Rain total	Rain normal
SALŪM																			
SIDI BARĀNI	240	5	15	02	1	2	Sc, Ci	13.9		10			9		54	1	0	100	
MATRUH	160	6	18	01	1	3	Ac, Ci	14.8	-1.9	12	20		9		67	6	0	117	
EL DABA																			
ALEXANDRIA	130	10	35	04	1	6	Cc	15.5	-2.0	11	21	+2	10	-1	97	11	0	137	159
FOUAD (Airport)	120	5	12	03	2	6	Ci	15.5	-2.0	11	21	+2	9	-1	94	10	0	147	124
DAMIETTA	220	2	15	11	1	6	Ac	16.4	-0.2	15	19	+1	11	+2	77	11	0	136	82
PORT SAID											18	0							
EL ARISH	00	0	18	03	1	4	Ci	14.7	-2.7	12			7		77	8	0	90	
DAMANHUR	130	5	1.5	28	4	2	Ci	15.8	-0.8	11	23	+2	8	0	88	9	0	69	73
MANSURA	40	3	35	03	2	4	As	15.9	-0.8	13	22	+1	9	+1	77	9	0	36	36
TANTA	90	2	35	01	1	3	Cu	16.0	-1.1	9	21	0	6	-1	97	9	0	60	28
ZAGAZIG	00	0	3	10	4	0	—	15.1	-2.2	6	22	+1	4	-3	97	6	0	29	18
ISMAILIA																			
FAROUK (Airport)	270	3	5	05	1	2	Ci	16.3		12			8		59	4	0	82	
ALMAZA	250	1	10	01	0	1	Ci	15.6	-2.8	11			8	-1	88	4	0	71	
EZBEKIYA	00	0	12	00	0	0	—	15.2	-2.3	10	25	+4	7	-1	82	7	0	60	17
GIZA	00	0	12	00	0	0	—	15.6	-1.8	9	25	+4	4	-2	88	7	0	57	17
HELWAN	00	0	7	05	0	1	Ci	15.8	-2.2	12	23	+3	9	0	55	3	0	59	18
FAIYUM	00	0	35	02	0	1	Ci	15.5	-1.9	12			5	-2	63	5	0	23	6
MINYA	00	0	8	00	0	0	—	14.7	-4.9	7	24	+2	3	-2	87	5	0	5	
ASYUT (Mangabad)	40	2	8	10	0	0	—	15.6	-3.1	11	23	+1	7	+1	47	0	0	3	
NAG HAMMADI											26	+3							
QENA											27	+2							
LUXOR	00	0	30	00	0	0	—	15.2	-2.1	11	27		4		63	4	0	dr.	
ASWAN	00	0	50	00	0	0	—	14.7	-3.1	15	26	+1	10	-1	68	9	0	dr.	
SIWA	120	3	12	00	0	0	—	14.7	-4.4	9	23	+2	5	0	62	2	0	25	6
BAHARIYA																			6
FARAFRA	360	1	35	02	0	0	—	15.6		5	27		2		70	0	0	Rain	
DAKHLA	00	0	50	00	0	0	—	16.6	-2.1	7	26	+2	3	-4	43	-5	0	dr.	
KHARGA																			
SUEZ	00	0	50	00	0	0	—	14.8	-2.1	12	24	+3	7	-3	63	5	0	44	11
TOR																			11
HURGHADA											22	+2							
QUSEIR	330	13	15	02	0	0				15			14	-1	59	7	0	dr.	4
PORT SUDAN	310	10	30	01	1	1	Cu	13.1		22	26				69	16	0	Rain	92
WĀDI HALFA	340	2	50	02	0	0	—	14.3		12	28				36	-3	0	dr.	
ABU HAMAD	20	4	30	02	0	0	—			17	31				22	-5	0		
KAREIMA	50	6	30	02	0	0	—	12.2		17	30				26	-3	0	dr.	1
ATBARA	360	7	30	02	0	0	—	12.2		17	31		13		34	1	0	0	2
KHARTUM	20	7	30	02	0	0	—	10.9		20	32		14		24	-1	0	0.6	4
KASSALA																			8
WĀD MEDANI	50	5	35	02	0	0	—	8.4		23	34				38	8	0	20	12
RENK	310	5	35	02	0	0	—	10.3		20	35		13		43	7	0		49
ROSEIRES	230	2	35	02	0	0	—	11.2		20	32		14		19	-4	0	42	36
EL OBEID	270	6	30	01	0	1	Ci	10.8		17					16	-9	0	18	16
EL FĀSHER	20	6	30	02	0	0	—			11	31				17	-13	0	13	6
GENEINA																			4
MALAKĀL	20	10	30	02	0	0	—	8.4		23	36		18		27	3	0	14	88
WAU	340	1	10	04	0	4	Ci	7.6		20	35		16		43	7	0	153	147
JUBA	310	2	10	04	2	8	Ac, Cs	7.7		25	37				30	6	0	224	153

Humidity (Mean of day)

Station	on 15th	Diff from normal
Alexandria	81	+16
Ezbekiya	66	+4
Giza	67	0
Helwan	47	-4

GIZA — Grass minimum temp. on 16th: 1.7 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On … At … (Pressure mbs, Height above M.S.L. metres, Dry °C, Wet °C; levels 1000, 950, 900, 850, 800, 700, 600, 500, 400): no entries.

Remarks

RAWINSONDE — Farouk Airport, Airport, Airport — On … At … (Pressure mbs, Height above M.S.L. metres, Temp. °C, Humid. %, Wind Dir., Vel.; levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300): no entries.

UPPER WIND OBSERVATIONS on 15th

Station	Fouad A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Siwa		Dakhla		Hurghada	
Time	14		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.
300	40	16	80	10	70	14	30	14	270	2	330	5	150	13	320	4	10	23
600	20	6	80	16	50	10	40	11	220	2	260	4	150	15	300	3	180	2
1000	60	10	90	19	40	8	70	10	260	4	250	3	150	14	260	4	150	3
1500	140	5	90	23	150	3	170	18	260	4	300	3	200	13	320	4	50	3
2000	140	22	100	33	240	4	230	10	280	6	290	6	230	13			270	3
3000							210	3	260	14	260	12	240	18				
4000							300	3										
5000							280	6										
6000							260	7										
7000																		
8000																		

UPPER WIND OBSERVATIONS on 16th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada	
Time							2						2	30			3	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.
300							90	16					160	7			30	3				
600							80	18					40	2			10	9				
1000							70	19					40	2			30	6				
1500							50	3					320	8			290	5				
2000							360	1									290	9				
3000																	290	9				
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time									4		4		3								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									50	21	70	14	30	2									20	38
1000									30	12	70	12	50	18							10	8	20	56
1500									350	4	60	9	50	8							70	16	170	6
2000									300	4													100	7
3000									340	7	320	15	350	5							50	9	340	10
4000											320	16											120	7
5000																					20	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.

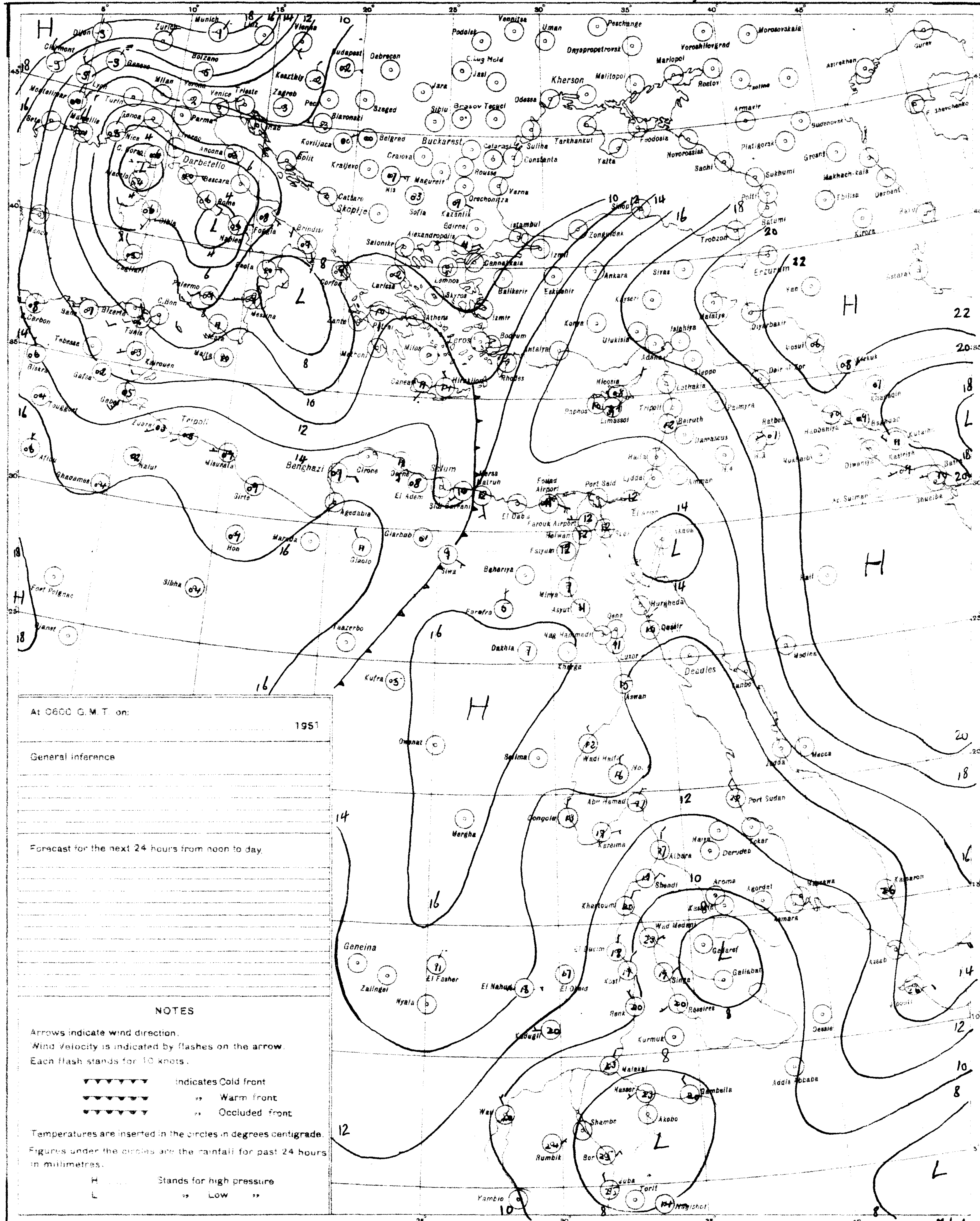
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (149.557) (50/531)

Annual Subscription P.T. ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sat. May 16/2/ 1952



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 949(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

CAIRO
Time of Sunrise 04 34 G. M. T.
" " Sunset 15 44 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Sunday 17th February, 1951 2

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	110	5	35	00	0	0	—	12.3	21	50	10
	303	SÎDI BARÂNI	350	7	30	00	0	0	—	12.8	17	60	9
	306	MATRÛH	20	3	30	02	0	1	Ci	13.9	18	60	10
	309	EL DAB'A	70	6	35	00	0	0	—		19	52	9
		ALEXANDRIA	40	13	50	01	2	1	Ci	14.4	17	68	11
	318	FOUAD (Airport)	90	6	18	02	0	1	Ci	14.4			9
	330	DAMIETTA	90	5	15	02	1	6	Cu	15.5	18	60	10
	333	PORT SAÏD	70	6	30	02	0	1	Sc	14.5	17	77	13
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	5	15	02	1	1	Ci	14.4	21	50	10
	342	MANSURA	90	3	35	00	1	0	—	14.8	22	44	9
	348	TANTA	00	0	35	02	1	0	—	14.8	22	44	9
	354	ZAGAZIG	40	1	50	02	1	0	—	13.6	23	50	12
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	20	2	18	02	1	1	Ci	14.8	21	27	1
	372	ALMÂZA	270	5	30	03	1	1	Ci	13.7	22	38	7
		EZBEKÎYA	00	0	18	02	1	1	Cu	13.2	23	32	5
		GÎZA	00	0	18	02	1	1	Cu	14.0	24	26	3
	378	HELWÂN	00	0	35	02	0	0	—	13.2	23	24	1
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	14.6	24	26	3
	387	MINYA	10	2	8	00	0	0	—	13.4	24	26	3
	393	ASYÛT MANQABAD	360	4	30	00	0	0	—	13.9	24	32	6
	399	NAG' HAMMÂDI											
	402	QENA	270	2	50	00	0	0	—	11.9	27	20	2
	405	LUXOR	360	3	30	02	0	0	—	11.7	27	16	-1
	414	ASWÂN	340	4	50	00	0	0	—	11.5	27	9	-8
Oases	417	SÎWA	110	5	14	03	0	4	Cc	14.2	23	18	-3
	420	BAHARÎYA	00	0	35	02	0	0	—	14.2	27	42	13
	423	FARAFRA	00	0	35	02	1	1	Cu	14.2	25	28	5
	432	DAKHLA	00	0	50	00	0	0	—	13.0	28	12	-4
	435	KHARGA	00	0	35	00	0	0	—	13.4	25	17	-2
Red Sea	450	SUEZ	360	2	50	03	0	1	Cu	13.8	21	33	4
	459	TÔR	360	2	50	02	0	0	—	13.7	22	57	13
	462	HURGHÂDA	30	6	30	02	0	0	—	11.7	21	57	12
	465	QUSEIR	20	9	15	02	0	0	—	12.0	20	83	17
	641	PORT SÛDÂN	20	13	30	01	0	1	Cu	10.4	26	62	18
North Sûdân	600	WÂDI HALFA	350	9	50	02	0	0	—	10.7	27	17	0
	640	ABU HAMAD	20	2	30	02	0	0	—		31		
	660	KAREIMA											
	680	'ATBARA	350	10	30	02	0	0	—	7.3	31	11	-3
	721	KHARTÛM	40	9	30	02	0	0	—	5.9	32	13	0
	730	KASSALA	20	3	30	02	0	0	—	2.7	36	15	6
Central Sûdân	751	WÂD MEDANI	360	5	35	02	0	0	—	4.1	34	11	-1
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—	3.5	37	7	-4
	771	EL OBEID	20	7	50	02	0	0	—	5.5	31	7	-9
	760	EL FÂSHER	70	8	30	02	0	0	—		30	8	-8
	770	GENEINA	70	1	50	02	0	1	Ci		33	4	-14
S. Sûdân	840	MALAKÂL	50	4	30	02	0	0	—	2.5	35	11	1
	880	WÂU	70	8	10	04	0	5	Ci	2.9	36	10	0
	941	JUBA											

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	40	9	15	03	1	2	Cu	14.4	15	72	10	0
SÎDI BARÂNI	40	6	18	00	0	0	—	13.7	15	72	10	0
MATRÛH	90	6	18	00	0	0	—	14.3	12	97	12	0
EL DAB'A	00	0	7	00	0	0	—		14	88	12	0
ALEXANDRIA												
FOUAD (Airport)												
DAMIETTA	20	5		01	0	1	Cu	15.8	16	77	12	0
PORT SAÏD	70	8	18	02	0	1	Cu	15.8	16	77	12	0
EL 'ARISH												
DAMANHUR	130	9	15	02	0	0	—	15.6	13	77	9	0
MANSURA	40	5		00	0	0	—	16.4	14	71	10	0
TANTA	40	2	35	02	0	0	—	15.9	13	77	9	0
ZAGAZIG	40	1	35	02	0	0	—	14.7	14	88	12	0
ISMAILIA												
FAROUK (Airport)	70	9	12	00	1	0	—	15.7	16	59	8	0
ALMÂZA	30	5	12	01	0	0	—	15.3	17	49	6	0
EZBEKÎYA	00	0	12	00	0	0	—	14.8	16	59	8	0
GÎZA	00	0	12	00	0	0	—	14.3	15	59	7	0
HELWÂN	340	12	15	02	0	0	—	15.2	17	42	4	0
FAIYÛM	00	0	35	02	0	0	—	15.4	16	59	8	0
MINYA	00	0	8	00	0	0	—	13.8	16	42	3	0
ASYÛT MANQABAD	00	0	8	00	0	0	—	14.4	18	34	2	0
NAG' HAMMÂDI	00	0		00	0	0	—	14.0	15	55	6	0
QENA	270	2	7	00	0	0	—	13.3	18	37	3	0
LUXOR	00	0	12	00	0	0	—	12.9	16	42	3	0
ASWÂN	00	0	15	00	0	0	—	12.6	22	21	-1	0
SÎWA	170	2	8	00	0	0	—	14.2	15	39	1	0
BAHARÎYA	00	0	15	02	0	0	—	15.0	15	48	4	0
FARAFRA	00	0	15	02	0	0	—	14.3	17	68	11	0
DAKHLA	360	8	35	00	0	0	—	15.2	21	20	-3	0
KHARGA	00	0	15	00	0	0	—	14.3	18	37	3	0
SUEZ	360	2	35	01	0	0	—	14.7	16	59	8	0
TÔR	310	2		02	0	0	—	12.6	17	60	9	0
HURGHÂDA	00	0	12	02	0	0	—	12.1	17	49	6	0
QUSEIR	360	9	15	02	0	0	—	13.5	20	73	15	0

At 0600 on Sunday 17th February, 1952

Station	Wind 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	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
SALÛM	160	2	15	01	0	1	Cu	15.0	-1.7	13	21	+2	11	+2			0	56	
SÎDI BARÂNI	210	2	15	02	1	2	Sc	15.1		12	22		11		82	9	0	100	
MATRÛH	00	0	18	01	0	0	—	15.0	-1.7	12	22		6		63	5	0	117	
EL DAB'A	00	0		00	0	0	—			8	22		4		88	6	0	197	
ALEXANDRIA	130	11	35	04	0	0	—	16.6	-0.8	12			10	-1	88	10	0	137	160
FOUAD (Airport)	140	6	8	05	0	0	—	16.3	-1.2	11			8	-2	94	10	0	147	125
DAMIETTA	110	2	7	11	0	0	—	16.0	-0.6	15	18	0	10	+1	88	13	0	136	62
PORT SAÏD											18	0							
EL 'ARISH																			
DAMANHUR	130	5	1.5	28	4	0	—	16.0	-0.5	10	23	+2	8	0	88	8	0	69	74
MANSURA	90	5	15	42	4	0	—	16.4	-0.3	9	23	+2	8	0	88	7	0	36	36
TANTA	00	0	35	02	0	0	—	16.0	-1.0	8	23	+2	6	-1	97	8	0	60	29
ZAGAZIG	00	0	3	10	4	0	—	16.2	-1.1	5	24	+3	4	-3	97	5	0	29	19
ISMAILIA																			
FAROUK (Airport)	00	0	15	02	1	2	Ci	16.6		12	22		9		77	8	0	82	
ALMÂZA	00	0	18	03	1	2	Ci	16.2	-2.1	12	23	+2	9	0	77	8	0	71	
EZBEKÎYA	00	0	12	02	1	1	Ci	15.9	-1.5	11	24	+3	8	0	82	8	0	60	17
GÎZA	00	0	12	02	1	1	Ci	16.4	-1.0	8	25	+4	5	-1	88	6	0	57	17
HELWÂN	00	0	7	02	0	1	Ci	16.7	-1.2	11	23	+3	10	+1	63	4	0	59	18
FAIYÛM	00	0	7	10	0	0	—	16.7	-0.6	10	26	+4	5	-2	76	6	0	23	6
MINYA	00	0	8	00	0	0	—	17.1	-2.5	8	25	+3	3	-2	66	2	0	5	
ASYÛT MANQABAD	00	0	8	10	0	0	—	16.9	-1.8	10	24	+2	8	+2	67	4	0	3	
NAG' HAMMÂDI											28	+5							
QENA	320	2	15	00	0	0	—	15.2	-1.6	12	29	+4	6	-2	44?	0	0	2	
LUXOR	00	0	30	00	0	0	—	15.5	-1.8	14	30		4		67?	8?	0	dr.	
ASWÂN	00	0	50	00	0	0	—	15.0	-2.7	15	28	+2	11	0	59?	7?	0	dr.	
SÎWA	00	0	13	00	0	0	—	15.0	-4.0	10	25	+3	5	0	58	2	0	25	6
BAHARÎYA	00	0	35	02	0	0	—	16.6	-1.5	12	28	+6	4	-2	55	3	0	1	6
FARAFRA	220	1	35	02	0	0	—	17.1		6	28		2		26	-12	0	Rain	
DAKHLA	00	0	50	00	0	0	—	17.9	-0.7	8	29	+5	5	-2	20	-14	0	dr.	
KHARGA	00	0	35	00	0	0	—	15.9	-1.9	13	26	+1	4	-3	34	-3	0	dr.	
SUEZ											23	+2							11
TÔR	360	2	35	02	1	0	—	14.3	-2.2	14	23	+1	8	-2	36	-1	0	1	11
HURGHÂDA	280	9	30	02	0	0	—	14.4	-2.8	16	22	+2	10	0	28	-3	0	0	
QUSEIR	310	13	15	02	0	0	—	13.9	-1.8	16	22	-1	14	-1	42	3	0	dr.	4
PORT SÛDÂN	350	10	30	01	2	6	Sc, Cu	12.8		23	27		19		74	18	0	Rain	92
WÂDI HALFA	00	0	50	02	0	0	—	15.0		11	29		8		38	3	0	dr.	
ABU HAMAD	360	2	30	02	0	0	—			17	32		13		19	-7	0		
KAREIMA	20	7	30	02	0	0	—	13.3		17	32		15		28	-2	0	dr.	1
'ATBARA	350	5	30	02	0	0	—	11.9		17	33		11		28	-2	0	0	2
KHARTÛM	360	7	30	02	0	1	Ci	11.1		20	34		15		21	-3	0	0.6	4
KASSALA	340	1	30	02	0	0	—	9.2		21	37		12		57	12	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	340	9	30	03	0	2	Ci	12.0		18	33				13	-11	0	18	16
EL FÂSHER	360	8	30	03	0	3	Ci			12	32		7		21	-10	0	13	6
GENEINA	50	1	30	03	2	7	Cs			15			11		16	-11	0		4
MALAKÂL	20	11	30	03	2	8	Cs	8.9		24	37		19		17	-3	0	94	88
WÂU																			147
JUBA																			153

Humidity % Mean of day

Station	on 16th	Diff from normal
Alexandria	82	+17
Ezbekiya	66	+4
Giza	71	+4
Helwân	43	-8

GÎZA
GRASS MINIMUM TEMP.
on 17th 2.9 °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 / AIRPORT / AIRPORT — On At

Pressure 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	S. Barani		Luxor		Fouad A.P.		Minya		Asyut		Port Said		Almaza		Siwa		Dakhla		Hurghada		Kharga				Pt. Said	
Time	14		15		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	40	3	30	4	70	15	350	6	290	9	50	14	350	7	160	7	290	3	10	5	80	2			60	14
600	240	4	340	5	100	9	330	4	310	9	40	14	350	6	150	7	280	4	10	6	70	4			60	11
1000	310	27	340	7	110	8	330	7	330	11	40	17	330	2	150	7	260	3	360	6	10	4			60	11
1500	310	23	320	8	40	2	290	10	320	12	260	9	270	3	130	5	270	6	350	9					30	6
2000					340	4	290	18	280	15	340	3	270	3	290	4									20	7
3000			340	25					280	16	340	10	290	12	310	13										
4000											280	43			300	25										
5000											290	23														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Saïd		El Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada			
Time			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			180	9													360	2						
600			220	5													10	5						
1000			230	8													350	12						
1500			250	15													330	17						
2000			230	16													320	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									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	12														
600									40	16	20	20			20	14							20	44
1000									10	17	40	15			30	27							30	60
1500									350	9	340	9			30	21							60	7
2000															20	16								
3000									320	27	310	22			20	8							20	8
4000											310	17			270	4							70	8
5000																								
6000															270	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.

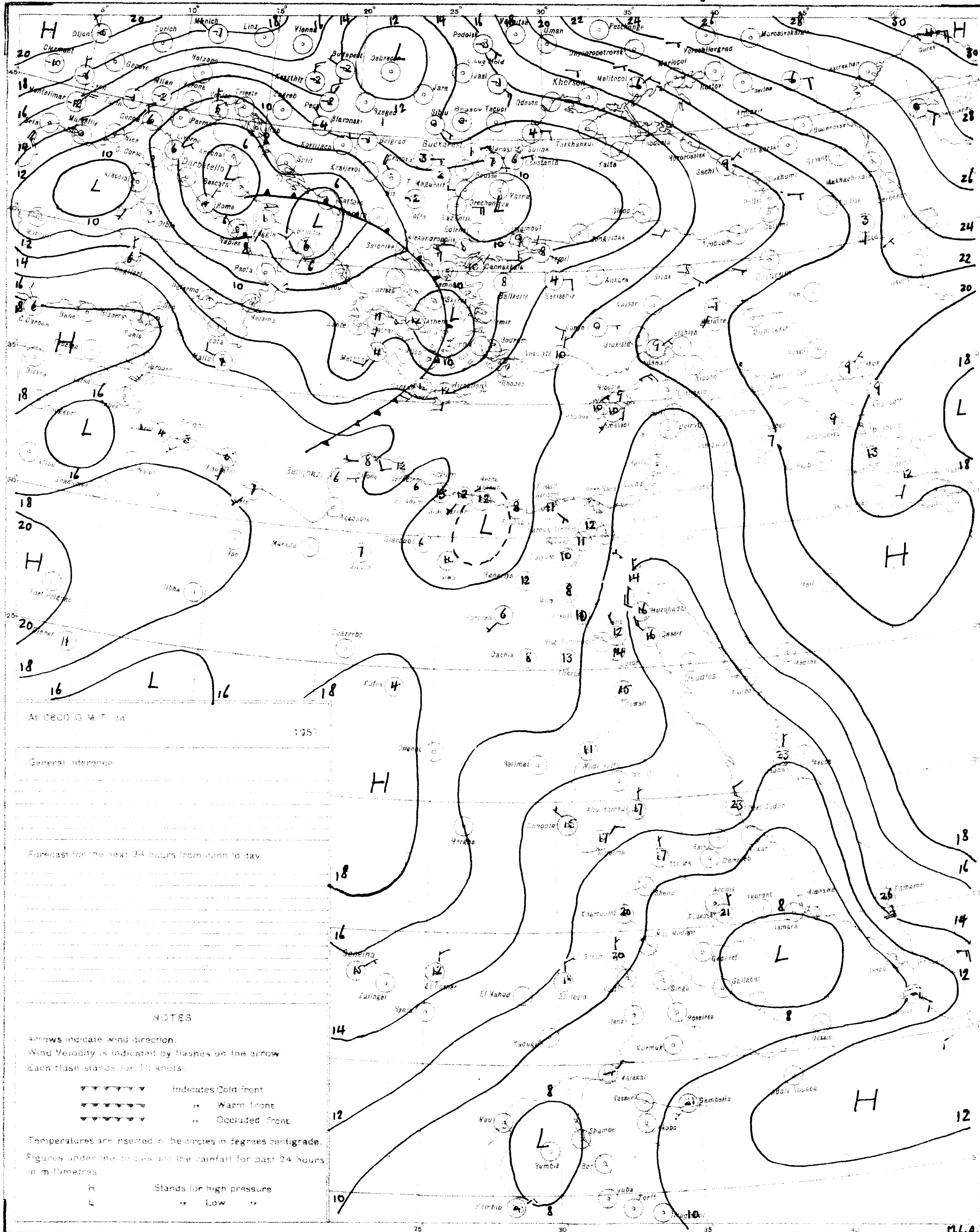
Note: All times are G.M.T.

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 17/2/1951



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
Clouds dissolving
State of sky generally unchanged
Clouds developing
Mist
Shallow fog
Thunderstorm
Thunderstorm with rain

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds
Some clouds
Mainly overcast
Sandstorm or Duststorm
Fog or thick duststorm (vis. less than 1000 m)
Drizzle
Rain
Snow or rain and snow
Showers of rain
Thunderstorm with or without rain

FORM OF CLOUD

Cloudless
Cirrus
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or fine weather cumulus
Cumulonimbus
Stratus or fractostratus

AMOUNT OF CLOUD

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

S. of E. 949/49/557 (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise . 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: Monday 18th February, 1952

At 1200 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.
Salum	20	9	35	00	0	0	—	14.2	16	82	13
Sidi Barani	360	8	18	00	0	0	—	13.8	17	72	12
Matruh											
El Daba	00	0		00	0	0	—		25	48?	13?
Alexandria	130	5	50	00	0	0	—	15.2	22	36?	6?
Fouad (Airport)	220	6	14	02	0	0	—	15.3	22	47	10
Damietta	110	2	35	02	0	0	—	16.1	18	83	15
Port Said	90	7	30	02	0	0	—	15.4	17	77	13
El Arish	60	5	18	00	0	0	—	15.5	17	72	12
Damanhur	230	5	15	02	0	0	—	15.2	21	60	10
Mansura	220	9	35	00	0	0	—	15.1	23	50	12
Tanta	130	2	35	02	0	0	—	15.4	24	36	8
Zagazig	00	0	35	02	0	0	—	15.2	23	50	12
Ismailia											
Farouk (Airport)	290	3	30	00	0	0	—	15.4	24	26	3
Almaza	360	2	18	00	0	0	—	14.2	24	34	7
[illegible]	00	0	18	00	0	0	—	14.6	26	30	7
Giza	00	0	18	00	0	0	—	14.2	24	38	9
Helwan	00	0	15	02	0	0	—	14.8	22	29	3
Fayum	00	0	35	02	0	0	—	14.6	25	30	6
Minya	320	3	12	00	0	0	—	14.8	25	21	1
Asyut (Manqabad)	350	4	30	00	0	0	—	14.1	24	24	2
Nag Hammadi	00	0	7	00	0	0	—	13.6	26	30	7
Qena	340	2	50	00	0	0	—	12.8	26	30	7
Luxor	20	3	30	00	0	0	—	13.4	26	16	-2
Aswan	20	4	50	00	0	0	—	12.0	27	5	-16
Siwa	180	5	14	00	0	0	—	15.0	25	11	-8
Bahariya	00	0	35	02	0	0	—	14.2	27	42	13
Farafra	110	2	35	02	0	0	—	14.5	26	13	-5
Dakhla	00	0	35	00	0	0	—	14.0	28	12	-4
Kharga	00	0	35	00	0	0	—	14.4	26	13	-5
Suez	180	1	50	02	0	0	—	14.3	21	38	6
Tor											
Hurghada	20	12	30	02	0	0	—	12.4	22	47	10
Quseir	360	19	15	02	0	0	—	12.1	22	50	11
Port Sudan	40	13	30	02	2	1	Cu	10.4	26	70	20
Wadi Halfa	40	15	30	02	0	0	—	11.3	27	14	-3
Abu Hamad	70	3	30	02	0	0	—		32	10	-4
Karima	20	10	30	01	0	0	—	9.2	31	8	-7
Atbara	360	11	30	03		1	Cs	6.5	32	15	2
Khartoum	360	7	30	02	0	1	Ci	7.0	34	5	-10
Kassala	360	5	30	02	0	0	—	4.2	35		
Wad Medani	50	5	35	02	0	0	—	5.6	34	12	1
Renk											
Roseires	310	2	35	02	0	2	Ci	6.1	37	10	0
El Obeid	20	10	30	02	0	1	Ci	6.7	32	10	-4
El Fasher	70	5	30	02	1	5	Ci		32	9	-5
Geneina	90	6	30	02	2	7	Cs		34	3	-16
Malakal	50	10	30	02	2	8	Cs	4.0	37	8	-2
Wau	70	7	10	04	2	8	Cs	3.1	38	9	-1
Juba	50	5	30	04	2	8	Sc,Ac	5.1	33	34	15

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	360	9	15	00	0	0	—	14.6	15	88	13	0
Sidi Barani	10	8	14	00	0	0	—	14.0	16	68	10	0
Matruh	00	0	12	00	0	0	—	13.8	13	88	11	0
El Daba												
Alexandria	90	13	35	00	0	0	—	15.2	15	88	13	0
Fouad (Airport)	40	9	12	02	0	0	—	15.2	14	97	14	0
Damietta	110	5	7	02	0	0	—	16.0	15	88	13	0
Port Said	90	4	14	02	0	0	—	15.4	15	94	14	0
El Arish												
Damanhur	230	9	7	02	0	0	—	15.1	16	68	10	0
Mansura	40	5		00	0	0	—	15.6	15	77	11	0
Tanta	130	2	35	02	0	0	—	15.8	14	67	8	0
Zagazig	00	0	35	02	0	0	—	15.0	17	60	9	0
Ismailia												
Farouk (Airport)	110	9	13	00	0	0	—	16.0	18	28	-1	0
Almaza	110	6	12	00	0	0	—	15.2	19	26	-1	0
[illegible]	00	0	12	00	0	0	—	15.0	16	59	8	0
Giza	00	0	12	00	0	0	—	16.2	13	77	9	0
Helwan	00	0	7	05	0	0	—	15.5	19	24	-2	0
Fayum	00	0	35	02	0	0	—	15.0	15	68	9	0
Minya	00	0	8	00	0	0	—	15.2	13	55	4	0
Asyut (Manqabad)	260	4	10	00	0	0	—	15.2	18	32	1	0
Nag Hammadi	00	0		00	0	0	—	14.3	15	59	7	0
Qena	320	2	7	00	0	0	—	13.9	18	46	6	0
Luxor	00	0	12	00	0	0	—	13.8	13	88	11	0
Aswan	00	0	15	00	0	0	—	13.9	22	9	-12	0
Siwa	00	0	8	00	0	0	—	14.8	15	39	1	0
Bahariya	180	3	35	02	0	0	—	14.8	19	46	7	0
Farafra	330	1	15	02	0	0	—	155	18	20	-5	0
Dakhla	340	8	35	00	0	0	—	14.7	22	16	-5	0
Kharga	00	0	15	00	0	0	—	15.9	17	34	1	0
Suez												
Tor												
Hurghada	40	6	12	02	0	0	—	12.7	16	59	8	0
Quseir	360	9	15	02	0	0	—		19	52	9	0
Port Sudan	340	9	50	03	0	6	Cs	10.4	22	53	12	0
Wadi Halfa	60	29	30	02	0	0	—	10.5	22	17	-4	0
Abu Hamad												
Karima												
Atbara	340	4	30	02	0	0	—	9.6	25	19	0	0
Khartoum	360	8	30	02	0	0	—	9.0	26	21	2	0
Kassala	340	5	30	02	0	0	—	7.6	26	35	9	0
Wad Medani												
Renk												
Roseires												
El Obeid	50	5	30	02	1	2		8.9	25	10	-9	0
El Fasher												
Geneina	340	2	30	02	1	2	Ci		27	9	-9	0
Malakal	50	7	30	02	2	8	Cs	6.3	28	16	0	0
Wau												
Juba	00	0	30	04	6	6	Ac	5.9	27	55	17	dr.

At 0600 on Monday 18th February, 1952

Station	Wind 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	320	9	15	03	1	4	Ci	16.3	-0.4	13	19	0	9	0	77	9	0	56	
Sidi Barani	330	9	15	02	1	3	Cu,Sc	15.7		14	18				67	8	0	100	
Matruh	320	8	18	02	2	5	Cu,Sc	15.4	-1.3	14	21		9		82	11	0	117	
El Daba																			
Alexandria	180	11	35	04	1	3	Ci	13.5	-3.6	14	23	+4	11	0	55	5	0	137	161
Fouad (Airport)	220	9	14	03	0	0	—	13.2	-4.3	13	23	+4	12?	+2	63	6	0	147	126
Damietta	140	2	15	03	0	1	Ac, Ci	14.1	-2.4	14	20	+1	11	+2	77	10	0	136	83
Port Said	180	9	30	03	0	1	Ci	14.2	-3.1	15			12	0	48	4	0	68	
El Arish																			
Damanhur	230	9	7	02	1	1	Ci	13.9	-2.6	11	24	+3	8	0	63	4	0	69	75
Mansura	270	3	35	00	0	0	—	13.8	-2.8		25	+4	7	-1			0	36	36
Tanta	180	2	35	01	1	3	Sc	14.3	-2.7	14	24	+3	7	0	48	3	0	60	29
Zagazig	00	0	35	03	1	3	Ci	13.4	-3.9	14	25	+4	8	+1	48	3	0	29	19
Ismailia																			
Farouk (Airport)	200	20	18	03	0	1	Ci	15.0		16	25		15		30	-2	0	82	
Almaza	160	15	12	03	0	1	Ci	14.4	-3.9	13	25	+4	11	+2	55	4	0	71	
[illegible]	180	4	12	02	1	1	Cu	14.7	-2.7	14	27	+6	11	+3	34	-2	0	60	17
Giza	180	4	12	02	1	1	Cu	15.0	-2.3	15	26	+5	7	+1	39	1	0	57	17
Helwan	140	3	7	02	0	0	—	14.9	-2.9	14	24	+4	12	+3	27	-5	0	59	18
Fayum	00	0	35	02	0	0	—	15.8	-1.4	14	27	+4	7	0	48	3	0	23	6
Minya	180	4	8	00	0	0	—	15.4	-4.1	11	26	+4	6	+1	51	1	0	5	
Asyut (Manqabad)	140	2	10	10	0	2	Ci	16.4	-2.2	12	26	+4	8	+1	36	-3	0	3	
Nag Hammadi	00	0	7	00	0	0	—	16.7	-0.6	12	27	+4	5	-1	44	0	0	0.1	
Qena	270	2	15	00	0	0	—	16.8	+0.1	12	27	+2	6	-2	63	5	0	dr.	
Luxor	00	0	30	00	0	0	—	15.9	-1.3	13	29		4		26	-6	0	dr.	
Aswan	00	0	50	01	1	3	Ci	15.6	-2.1	15	28	+2	11	0	20	-8	0	dr.	
Siwa	00	0	13	03	1	6	Sc,Ac	16.3	-2.6	12?	26	+4	8	+3	88	10	0	25	6
Bahariya	00	0	35	02	1	3	Ac	15.5	-2.5	16?	28	+6	6	-1	49	5	0	1	6
Farafra	00	0	35	02	2	6	Ci	16.2		9	28		3		34	-6	0	Rain	
Dakhla	00	0	50	03	0	4	Ci	17.2	-1.3	9	29	+4	5	-2	34	-6	0	dr.	
Kharga	00	0	35	03	1	1	Ci	16.3	-1.4	11	27	+2	7	0	41	-2	0	dr	
Suez	180	1	50	00	0	1	Cu	14.8	-2.0	17			9		68	11	0	44	11
Tor																			11
Hurghada	270	4	30	02	0	0	—	14.1	-3.0	16	22	+2	9	-1	24	-5	0	0	
Quseir											23	0							4
Port Sudan	340	8	30	01	2	3	Sc, Ci	13.4		23	27		19		69	17	0	Rain	92
Wadi Halfa	350	1	50	02	0	1	Ci	15.4		12	29		9		31	-5	0	dr.	
Abu Hamad	360	10	30	02	0	0	—			17	32		13		14	-11	0		
Karima																			1
Atbara	360	8	30	03	1	3	Cs	11.6		19	33		14		21	-4	0	0	2
Khartoum	360	9	30	03	1	6	Cs	11.2		19	35		14		12	-11	0	0.6	4
Kassala	140	3	30	03	0	1				24	35		17		50	13	0	49	8
Wad Medani																			12
Renk	310	9	35	02	1	5	Ci	10.7		21	37		14		44	8	0		49
Roseires	310	2	35	02	0	4	Ci	10.7		23	38		14		14	-6	0	92	36
El Obeid	20	3	30	03	0	3	Cs	11.9		18	34		12		14	-10	0	18	16
El Fasher	330	4	30	02	1	6	Ci			17	33		7		15	-10	0	13	6
Geneina											36								4
Malakal	20	17	30	03	2	7	Cs	8.4		24	38		19		13	-7	0	94	88
Wau	00	0	10	01	4	5	Cs	9.2		21	39		17		47	9	0	153	147
Juba											34								154

Humidity % Means at …

Station	17th	Diff. from normal
Alexandria	85	+20
[illegible]	67	+5
Giza	78	+11
Helwan	41	-10

Grass Minimum Temp. on 18th 4.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

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

Remarks

UPPER WIND OBSERVATIONS on 17th

Height m.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Luxor Dir.	Luxor Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	S.Barani Dir.	S.Barani Vel.
Time	14		14	15	14		14		14	15	14		14		14	
300	70	10	10	7	350	6	300	11	290	2	250	8	60	2	360	14
600	90	8	50	6	30	7	330	9	320	6	250	10	150	3	20	10
1000	100	6	100	4	50	10	30	13	320	9	260	10	90	4	250	10
1500	350	1	150	4	40	10	30	20	350	16	180	10	30	10	220	19
2000	280	15	300	8	10	14	10	23	350	12	200	17	340	14	240	26
3000			300	17					360	16	220	29			240	30
4000											250	35				
5000			290	35							260	26				
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 18th

Height m.	Sidi Barani	Matruh Dir.	Matruh Vel.	Fouad Airport	Port Said Dir.	Port Said Vel.	El Arish	Helwan	Minya Dir.	Minya Vel.	Asyut Manqabad	Luxor Dir.	Luxor Vel.	Aswan	Hurghada
Time		5			3				2	30		4			
300		300	12		170	21			140	15		40	4		
600					200	18			150	10		30	4		
1000		340	16		200	17			160	10		40	5		
1500					210	16			180	15		40	16		
2000												10	22		
3000															
4000															
5000															
6000															
7000															
8000															

Height m.	Siwa	Bahariya	Dakhla	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Karima	Khartoum Dir.	Khartoum Vel.	Kassala	El Obeid Dir.	El Obeid Vel.	El Fasher	Malakal Dir.	Malakal Vel.
Time				8		4		4			4			4			4	
300				80	3	10	9											
600				130	10	40	16	30	24		30	27					30	54
1000				110	16			40	18		30	27		30	33		30	55
1500				170	5	20	11	360	5		50	17		40	19		50	11
2000				180	3						50	21						
3000						360	15	350	5		40	21					20	11
4000																		
5000											360	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.

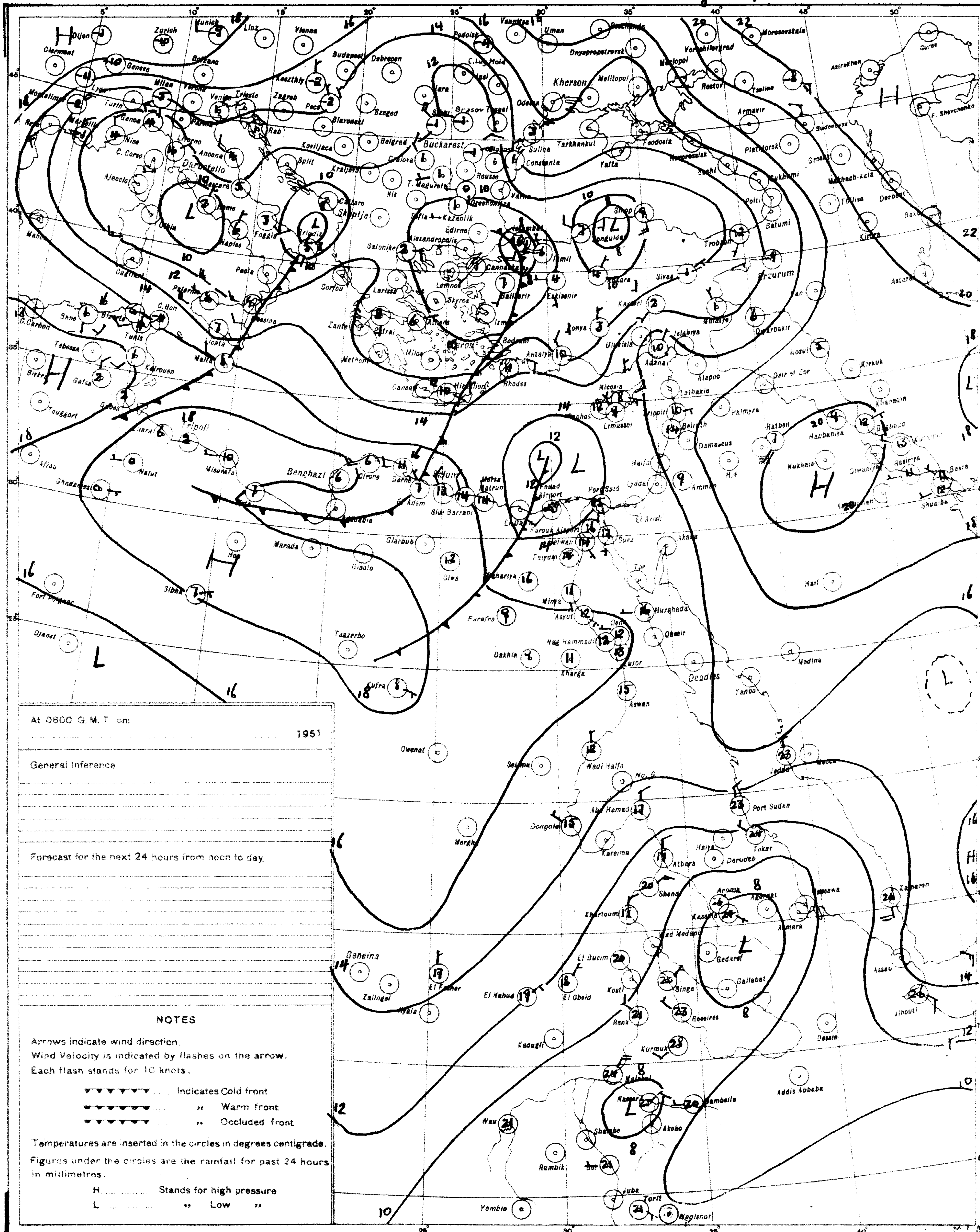
Printed by the Survey of Egypt ... (50/331)

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 18/2/1952



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(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

CAIRO

Time of Sunrise 04 33 G.M.T.
" Sunset 15 46 G.M.T.

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

Form 7 F

DAILY WEATHER REPORT

Date: Tuesday 19th February, 1952

At 1200 on Monday 18th

Wind Direction	Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud amount 0-8	Cloud form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
360	5	35	02	1	6	Ci	14.7			
320	10	18	02	2	6	Cu, CS	15.5	17	60	9
340	7	35	02	1	6	Sc,Cu		17	60	9
360	15	50	03	2	6	CC	14.0	18	60	10
320	11	18	03	1	6	Cu,Sc	13.7	19	64	12
220	2	35	00	0	0	—	13.3	19	73	14
320	8	30	01	0	1	Ci	12.3	23	44	10
270	9	15	02	1	1	Ci	13.6	20	64	13
270	3	35	02	1	3	AS	12.8	25	28	5
00	0	35	03	2	6	As	13.3	24	32	6
40	2	50	02	1	0	—	13.3	26	37	10
200	21	18	02	1	3	Ci	12.6	26	25	0
200	18	30	03	0	3	CS	12.7	26	13	-5
220	10	18	02	1	5	AC	12.7	28	15	-1
220	10	18	02	1	5	AC	13.1	29	14	-1
180	9	35	03	1	5	Ci	13.1	25	11	-8
00	0	35	03	0	2	Ci	13.9	28	12	-4
160	6	8	03	2	5	Ci	13.1	28	19	2
20	5	30	03	1	5	CS	13.2	27	20	2
40	1	15	00	0	0	—	13.4	26	37	10
320	2	50	00	0	0	—	13.1	27	27	6
350	2	30	00	0	0	—	13.0	26	12	-6
360	1	50	01	1	2	Ci	12.3	28	7	-11
20	9	14	01	2	4	Ci	16.0	21	27	1
270	3	35	03	1	7	ac	13.8	28	12	-4
180	2	35	02	2	6	Ci	13.3	29	14	-1
160	5	50	00	0	0	—	12.8	30	11	-4
00	0	35	02	2	2	Ci	13.3	29	9	-7
270	2	50	03	0	3	Cu	13.3	24		
40	5	30	03	1	3	Ci	12.8	23	44	10
20	9	15	00	0	2	Ci	13.0	24	38	9
50	11	30	03	1	8	CS	8.5	31	11	-3
10	12	30	03	1	4	CS	5.6	34	10	-2
20	9	30	01	1	3	CS	5.9	33	15	3
20	6	30	02	0	2	CS	2.9	36	22	11
90	2	15	02	0	2	Ci	3.9	35	7	-6
310	5	35	02	1	6	Ci	5.7	37	13	4
310	2	35	02	0	6	Ci	2.4	36	5	-9
60	11	30	02	0	5	CS	5.8	33	6	-10
90	8	30	02	1	1	Ci		33	8	-6
60	5	30	02	2	3	Ci		35		
90	5	30	02	2	8	CS	3.1	37	8	-3
110	3	10	04	0	0	—	3.0	37	13	4
90	2	30	04	2	7	Cu,AC	3.9	35	32	16

At 1800 on Monday 18th

Wind Direction	Velocity in knots	Visibility 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
270	2	15	00	0	0	—	15.4	13	77	9	0
00	0	18	01	1	0	—	14.8	13	63	6	0
320	5	10	00	1	0	—	16.3	13	82	10	0
00	0	7	00	0	0	—		13	67	7	0
360	12	35	01	2	3	AC	15.5	15	68	9	0
340	7	12	01	1	1	Cu	15.4	15	72	10	0
220	5		00	0	0	—	14.2	16	77	12	0
350	14	14	01	0	1	Ci	13.5	16	82	13	0
40	5	7	02	1	1	Ci	14.6	13	77	9	0
360	5		00	1	0	—	14.8	15	77	11	0
00	0	35	01	1	4	Cu	14.6	15	77	11	0
320	1	35	02	0	0	—	14.0	17	60	9	0
330	12	12	03	2	6	AC	14.5	16	77	12	0
20	9	12	00	0	0	—	14.4	16	88	14	0
360	10	12	00	0	0	—	14.7	17	72	12	0
360	10	12	00	0	0	—	15.2	16	77	12	0
320	11	7	03	2	8	ac,Ci	14.6	18	60	10	0
00	0	35	02	0	2	Ci	14.7	19	46	7	0
40	3	8	01	1	1	Ci	13.6	18	26	-2	0
180	5	8	00	1	0	—	13.8	21	20	-3	0
220	2	7	00	0	0	—	14.6	14	52	4	0
210	2	12	00	0	0	—	14.0	18	28	-1	0
00	0	8	01	2	0	—	15.8	17	34	1	0
00	0	15	01	1	3	AC	14.2	17	42	4	0
360	2	15	01	2	2	AC	15.0	16	15	-11	0
340	8	35	00	0	0	—	14.6	24	8	-12	0
00	0	15	00	0	0	—	14.0	20	24	-1	0
360	3	35	01	0	1	Cu		17	77	13	0
00	0				0	—	13.5	16	52	6	0
330	13	15	01	1	0	—		20	41	6	0
340	7	30	01	2	0	—		23	69	17	0
20	8	50	01	1	0	—	11.7	21	18	-4	0
360	2	30	02	0	0	—		25	12	-7	0
20	8	30	01	1	0	—	10.2	25	14	-5	0
360	6	30	02	1	0	—	9.0	25	21	1	0
360	4	30	01	2	2	Ci	7.8	27	23	4	0
360	11	30	02	0	0	—	5.7	28	40	13	0
	11	30	02	2	5	CS	7.7	26	6	-15	0
80	5	30	02	0	5	Ci		24	16	-4	0
10	4	30	03	1	3	CS		27	8	-11	0
90	2	10	04	0	0	—	3.8	33	17	5	0
00	0	30	04	2	6	AC	4.5	29	49	17	0

At 0600 on Tuesday 19th February, 1952

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	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity %	Dew point °C	Rainfall past 24 hrs	Total	Normal
00	0	15	01	0	2	Ci	15.9	-0.8	14	19	0	9	0	77	10	0	56	
200	5	15	02	0	1	Ci	15.0		8	17		6		76	4	0	100	
200	2	30	00	1	0	—	16.0	-0.7	8	17		6		94	7	0	117	
00	0	15	00	0	0	—			11	18		6		77	7	0	197	
130	4	35	04	2	4	ac	15.9	-1.3	14	20	+1	12	+1	77	10	0	137	162
200	2	14	03	0	4	ac, Ci	16.0	-1.4	11	19	0	7	-3	94	10	0	147	126
200	2	7	11	1		Cu,ac	16.7	+0.2	11	24	+5	9	0	88	9	0	136	84
240	3	14	03	0	4	ac, Ci	16.1	-1.2	16	25	+6	14	+2	59	8	0	68	
180	9		02	1	1	Ci	15.4	-1.1	12	22	+1	9	+1	77	8	0	69	75
320	5	35	03	2	5	ac	16.4	-0.2	12	26	+5	8	0	77	8	0	36	37
00	0	35	01	1	3	Cu	16.0	-1.0	11	25	+4	7	0	88	9	0	60	29
40	1	35	02	0	0	—	16.4	-0.8	12	26	+5	10	+3	77	8	0	29	19
90	9	13	00	0	0	—	16.3		14	27		11		72	9	0	82	
70	9	12	01	0	1	Ci	16.0	-2.2	13	27	+6	12	+3	77	9	0	71	
00	0	12	00	0	0	—	15.9	-1.5	14	29	+7	11	+2	72	9	0	60	17
00	0	12	00	0	0	—	16.2	-1.1	12	29	+8	7	+1	77	8	0	57	17
20	11	15	02	0	1	Ci	15.6	-2.1	14	26	+6	12	+3	67	8	0	59	18
00	0	35	02	0	1	Ci	15.9	-1.3	14			10	+2	77	10	0	23	6
360	5	8	03	0	1	Ci	14.9	-4.5	10	29	+7	5	0	88	8	0	5	
360	2	5	00	0	2	Ci	15.2	-3.3	10	29	+7	7	0	71	5	0	3	
320	2	15	00	0	0	—	14.8	-1.8	14	29 28	+3	6	-2	48	3	0	2	
00	0	50	00	0	0	—	14.3	-3.3	16			11	-1	24	-5	0	dr.	
90	9	14	02	0	2	Cu,ac	15.5	-3.4	12	22	0	10	+5	67	6	0	25	6
90	3	35	02	1	3	Ci	15.5	-2.4	14	28	+5	8	+1	77	10	0	1	6
00	0	35	02	2	3	AC	15.2		9	30		2		62	2	0	Rain	
00	0	50	03	0	4	Ci	14.8	-3.7	12	31	+6	7	+0	21	-10	0	dr.	
00	0	35	03	2	3	Ci	14.6	-3.1	14	30	+5	7	-1	36	-1	0	dr.	
360	1	50	00	0	0	—	15.2	-1.5	15	25	+4	11	+1	77	11	0	44	11
																		11
340	18	30	03	0	2	CS	13.7	-3.3	18	23	+2	9	-1	73	13	0	0	
330	9	15	02	0	0	—	14.2	-1.5	17	25	+2	15	0	77	13	0	dr.	4
280	3	50	03	1	4	Ci	12.9		21	27		14		65	14	0	Rain	92
00	0	50	02	0	5	Ci	13.0		13	30		11		38	-1	0	dr.	
50	2	30	03	2	8	CS			19	33		12		28	0	0		
50	8	30	03	1	8	CS	11.1		17	33		15		19	-7	0	dr.	1
10	6	30	02	2	7	CS	10.4		19	35		15		49	8	0	0	2
350	9	30	03	1	7	CS	8.9		20	35		17		30	2	0	0.6	4
00	0	30	03	1	4	CS	6.7		25	37		19		54	15	0	49	8
		35	02	1	3	Ci	6.1		23	36		16		47	11	0	20	12
310	9	35	02	0	0	—	8.9		22	38		11		38	7	0		49
310	2	35	02	0	0	—	6.0		24	37		17		11	-9	0	92	36
360	3	30	02	1	3	Ci	3.9		20	33		13		14	-9	0	18	16
20	3	30	03	0	1	Ci			12	33		9		26	-7	0	13	6
70	3	30	03	0	1	CS			15	38		8		14	-13	0		4
																		88
00	0	7	04	0	0	—	7.9		22	39		18		44	9	0	94	148
										35								154

18th

53 -12
46 -16
54 -13
41 -9

19th 5.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Pressure mbs	Pressure mbs
1000	1000
950	950
900	900
850	850
800	800
700	700
600	600
500	500
400	400
300	300

UPPER WIND OBSERVATIONS on 18th

Station	Matruh		Fouad A.P.		Port Said		Almaza		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		S. Barani	
Time	14		14		14		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.
300	330	11	350	13	240	10	220	28	220	6	40	2	330	13	210	3	140	2	20	4	320	8
600	340	31	350	17	250	10	240	17	220	11	240	3	340	10	220	5	140	3	10	5	290	10
1000	310	15	320	10	280	14	230	31	240	10	240	10	350	15	220	5	110	3	360	4	290	12
1500	300	20	260	29	300	16	230	31	260	15	230	13	310	16	220	6			350	9	290	16
2000	270	27			310	16	240	19			250	16	320	23	220	3					280	26
3000					310	27					310	23	270	30							270	32
4000																					270	57
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 19th

Height m.	Port Said DIR.	VEL.	DIR.	VEL.
Time	2		2	
300	320	9	340	6
600	330	9	350	7
1000	320	9	360	12
1500	260	18	360	13
2000	280	22	350	12
3000				
4000				
5000				
6000				
7000				
8000				

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala						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																								
500																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

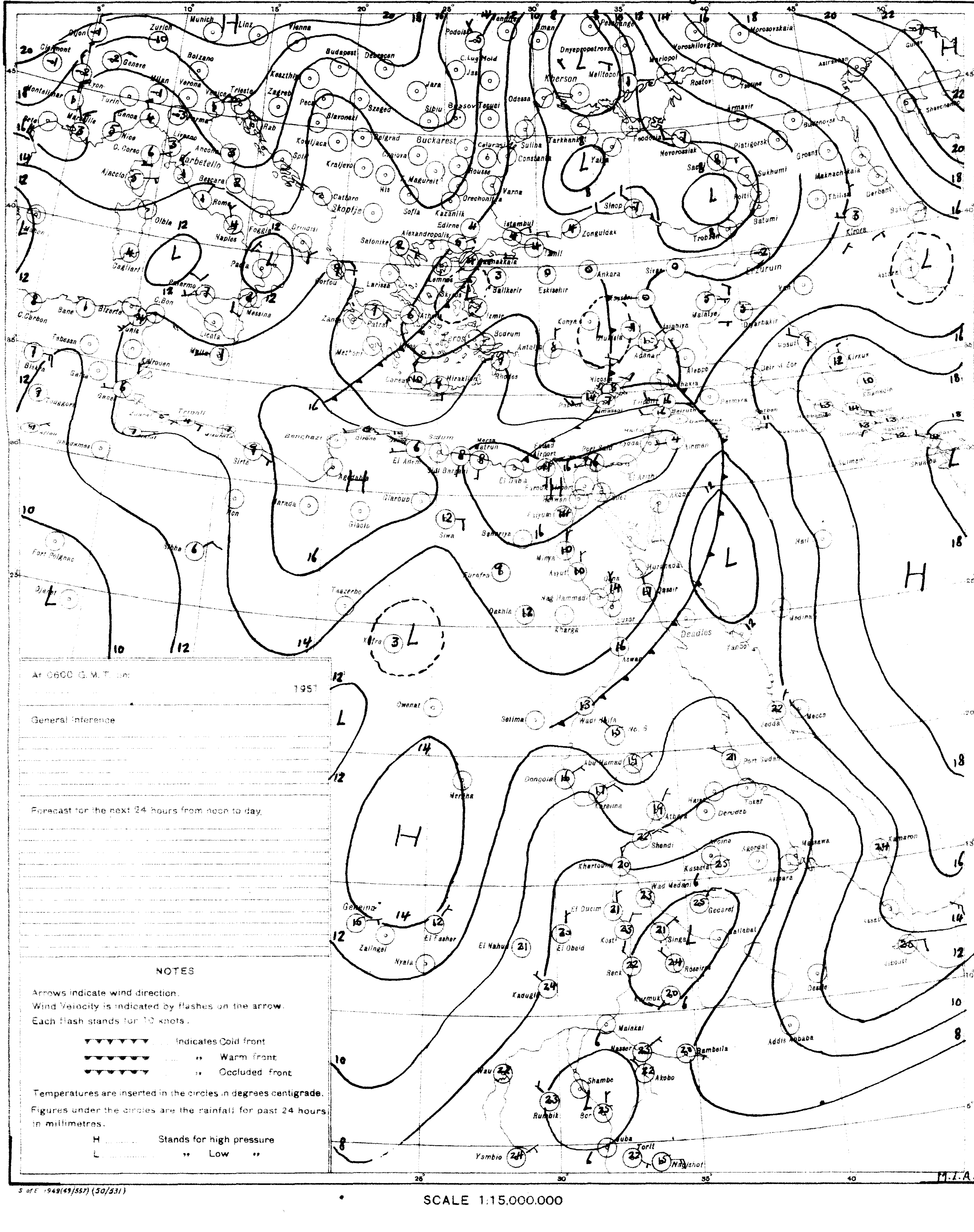
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt

Annual Subscription P.T. 50

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 19/2/1952



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 but 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 32 G.M.T.
" " Sunset 15 47 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 20th February, 1952

At 1200 on Tuesday 19th — At 1800 on Tuesday 19th — At 0600 on Wednesday 20th February, 1952

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 Temperature °C	12h Humidity %	12h Dew Point °C	18h Wind Dir.	18h Wind Vel.	18h Visibility	18h Present Weather	18h Past Weather	18h Cloud Amount	18h Cloud Form	18h Bar. M.S.L. mbs	18h Temperature	18h Humidity	18h Dew Point	18h Rain past 12 hrs mms	06h Wind Dir.	06h Wind Vel.	06h Visibility	06h Present Weather	06h Past Weather	06h Cloud Amount	06h Cloud Form	06h Bar. M.S.L. mbs	06h Diff. from normal mbs	06h Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	06h Humidity	06h Dew Point	Rain past 24 hrs	Rain Total	Rain Normal
Salum	40	9	35	00	1	3	cu, ci	14.2	15	72	10	40	5	15	00	0	1	ci	13.5	14	77	10	0	40	9	15	03	1	6	cb	10.8	-5.9	15	17	-2	13	+4	77	11	0	60	
Sidi Barani	10	7	18	02	1	2	cu, cs	13.6	16	52	6	70	4	14	01	1	0	—	13.7	14	55	5	0	40	12	18	02	2	7	SC	10.6		14	18		13		59	6	0	100	
Matruh	20	7	30	03	0	1	Cu	14.5	17	60	4	70	3	10	01	0	0	—	14.4	11	77	7	0	40	9	18	03	1	6	SC, CS	10.5	-6.2	14	18		10		77	10	0	117	
El Daba	110	4	35	00	0	0	—		18	46	6	40	4	7	00	0	0	—		14	67	8	0	70	12	15	02	1	4	cb			15	19		10		68	9	0	197	
Alexandria	40	10	50	00	0	0	—	14.7	17	52	7	40	11	35	00	0	0	—	14.2	15	68	9	0	90	9	50	00	0	0	—	10.6	-6.5	15	19	0	12	+1			0	137	163
												20	7	12	01	1	0	—	13.7	12	88	10	0	60	6	18	03	1		ci	10.8	-6.6	13	18	-1	10		82	10	0	146	127
	70	2	35	01	1	2	Cu	15.6	17	60	9	40	2		01	0	0	—	13.7	15	77	11	0	40	5	15	03	0	1	Cu	11.2	-5.3	16	19	0	12	+3	77	12	0	135	85
	50	3	30	02	0	1	ac	15.2	18	52	8	50	11	14	02	0	0	—	13.9	16	68	10	0	90	16	12	01	0	1	ci	10.4	-6.8	16	19	0	15	+3	72	11	0	68	
	40	5	15	02	1	1	cu	14.6	20	46	8	40	9	15	02	0	0	—	14.0	13	77	9	0	90	13	15	02	1	1	ci	10.4	-6.1	10	22	+1	8	0	88	8	0	69	76
	360	5	35	00	1	0	—	14.6	20	46	8	40	9		00	0	0	—	14.3	14	67	8	0	40	5	35	00	0	0	—	10.8	-5.8	13	22	+1	11	+3	77	9	0	37	37
	00	0	35	01	1	2	cu	15.0	20	46	8	00	0	35	01	1	3	cu	14.6	14	55	5	0	360	2	35	01	1	3	sc	10.6	-6.3	9	22	+1	7	0	88	7	0	60	30
	40	1	50	02	0	0	—	15.1	21	57	12	40	1	35	02	0	0	—	13.3	14	77	10	0	00	0	35	02	0	0	—	10.0	-7.2	12			9	+2	77	8	0	29	19
	70	7	30	02	2	1	ac	14.6	20	30	2	70	11	12	00	1	0	—	13.6	17	52	7	0	90	13	18	02	1	4	ci	10.9		13	22		10		82	10	0	82	
	50	6	30	03	0	1	ci	13.6	20	46	8	50	15	12	00	0	0	—	12.8	18	46	6	0	70	13	15	03	2	5	ci	10.1	-8.0	13	22	+1	11	+2	82	10	0	71	
	40	4	18	02	1	3	AC	13.8	22	33	5	360	6	12	02	1	2	AC	12.3	16	56	7	0	40	6	12	02	1	7	ci	9.2	-8.1	13	24	+2	10	+1	77	9	0	60	17
	40	4	18	02	1	3	AC	14.3	22	36	6	360	6	12	02	1	2	AC	13.5	17	52	7	0	40	6	12	02	1	7	ci	10.0	-7.3	14	23	+2	9	+3	77	10	0	57	18
	20	6	35	03	1	1	AC	13.6	23	24	1	40	13	15	02	0	0	—	11.9	18	37	3	0	00	0	15	03	2	6	ci	9.7	-7.9	15	23	+2	12	+3	59	7	0	59	18
	360	6	35	03	1	2	ci	13.0	24	32	6	00	0	35	01	0	1	ci	12.4	17	42	4	0	00	0	35	03	2	7	ci	9.6	-7.5	11	25	+2			88	9	0	23	6
	00	0	12	02	1	1	ci	12.2	26	28	6	00	0	8	00	1	0	—	11.2	17	52	7	0	00	0	8	02	1	4	ci	8.7	-11.6	9	28	+6	5	0	62	2	0	5	
	40	3	6	05	1	2	ci	11.4	26	30	7	160	5	8	00	0	0	—	11.0	19	26	-1	0	10	2	8	10	0	3	cc	9.1	-9.3	12	28	+6	8	+1	59	4	0	3	
	270	1	15	02	1	5	st, ac	12.2	28	27	7	00	0	7	00	1	0	—	12.0	17	64	10	0	00	0	7	00	0	0	—	10.4	-6.8	15	30	+7	8	+2	68	9	0	0.1	
	340	2	35	03	1	4	ac	11.2	30	25	8	240	2	15	02	1	4	AC	11.8	19	52	9	0	320	2	15	00	0	0	—	10.8	-5.7	14	32	+6	6	-2	36	-1	0	2	
	340	2	30	03	2	5	ac, ci	11.2	28	12	4	00	0	12	01	1	1	AC	10.5	21	25	0	0											30								
	40	4	50	01	1	2	ci	10.8	32			00	0	15	00	0	0	—	10.4	27			0	00	0	50	01	1	2	ci	10.7	-6.8	20	32	+6	13	+1	24	-1	0	dr.	
	110	15	14	03	0	1	ac	12.2	22	41	8	80	8	8	00	0	0	—	11.1	18	46	6	0	90	4	14	03	0	4	ci	9.2	-9.6	12	23	+1	10	+4	88	10	0	25	6
	90	6	35	01	1	0	—	13.0	25	28	5	00	0	15	02	0	0	—	11.6	17	42	4	0	00	0	35	02	2	5	ci	9.0	-8.9	15	26	+3	7	0	48	4	0	1	6
	00	0	35	02	2	2	ac	11.4	28	22	4	00	0	15	01	2	1	ac	9.6	18	28	-1	0	130	1	35	02	2	4	ci			11	29		6		30	-6	0	Rain	
	160	11	50	01	2	3	ci	10.4	30	7	-10	20	8	35	00	0	0	—	11.6	24	8	-12	0	160	11	50	00	0	0	—	9.6	-8.8	14	30	+5	9	+2	18	-10	0	dr.	
	00	0	35	02	2	4	AS	11.8	31	10	-4																															
	360	1	50	03	0	3	sc	13.4	21	41	7	310	2	35	01	0	0	—	13.1	17	52	7	0	00	0	50	00	0	2	cu	8.7	-7.9	13	22	+1	10	0	77	9	0	44	12
	30	9	30	02	1	2	cc	11.3	22	69	16													270	6				3	ci	9.7	-7.3	17			10	0	68	11	0	0	11
	20	9	15	00	0	3	ci		23	74	18	90	9	15	01	1	0	—	12.0	21	83	18	0	310	5		00	0	2	ci	9.4	-6.2	15	26	+3	14	-1	68	9	0	dr.	4
																								340	8	30	02	2	5	SC	12.8		23	27		18		69	17	0	Rain	92
	110	4	50	02	1	3	ci	7.8	32	12	-1													110	3	50	01	1	2	CS	9.8		17	35		12		19	-7	0	dr.	
																								40	2	30	02	0	0	—			18	35		12		20	-5	0		
																																										1
	60	10	30	02	2	7	CS	4.9	35	4	-12																															2
	40	13	30	01	1	3	ci	4.3	36	12	2													360	8	30	02	0	0	—	8.3		21	37		17		21	-2	0	0.6	4
																																										8
	00	0	35	02	0	1		2.3	37	10	0																															12
	310	5	35	02	0	0	—	2.8	38	15	7																															49
	310	2	35	02	0	0	—		38	21	12																															36
	90	8	30	02	0	2	ci	3.9	34	9	-4													00	0	30	03	0	1	ci	8.7		21	35		13		18	-4	0	18	16
	140	5	30	02	0	1	ci		33	11	-1													330	2	30	02	0	0	—			19	35				16	-8	0	13	6
																																										4
	360	6	30	02	0	0	—	1.5	38	11	3																															88
	270	5	10	04	0	0	—		38	9	-1																															148
	50	4	30	04	2	8	cu, cs	1.1	37	24	13													50	5	35	02	1	2	ci	7.0		23			20		41	9	0	224	155

	19th	
	69	+4
	57	-5
	62	-5
	47	-3

20th 7.4

UPPER AIR OBSERVATIONS

UPPER WIND OBSERVATIONS on 19th

Height (m)	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		14		20		20	
300	80	10	30	3	20	10	80	10	100	18	170	9	130	5	70	14	50	16	150	7
600	110	4	330	3	360	9	110	5	70	18	160	13	130	9	20	6	80	7	160	18
1000	240	8	300	3	360	8	160	3	70	22	170	10	130	8	70	3	80	8	160	28
1500	250	14	220	17	360	8	210	12	170	11	170	13			310	12	190	9	200	43
2000	250	20					200	18	200	20					240	17	190	12		
3000							270	19	240	26					230	30	240	23		

UPPER WIND OBSERVATIONS 20th

Height (m)	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	5		2		8		2	
300	40	11	70	14	120	3	160	23
600	40	16	80	16	190	12	180	
1000	60	11	60	16	190	33	190	
1500	50	5	70	17	220	42		
2000					220	51		

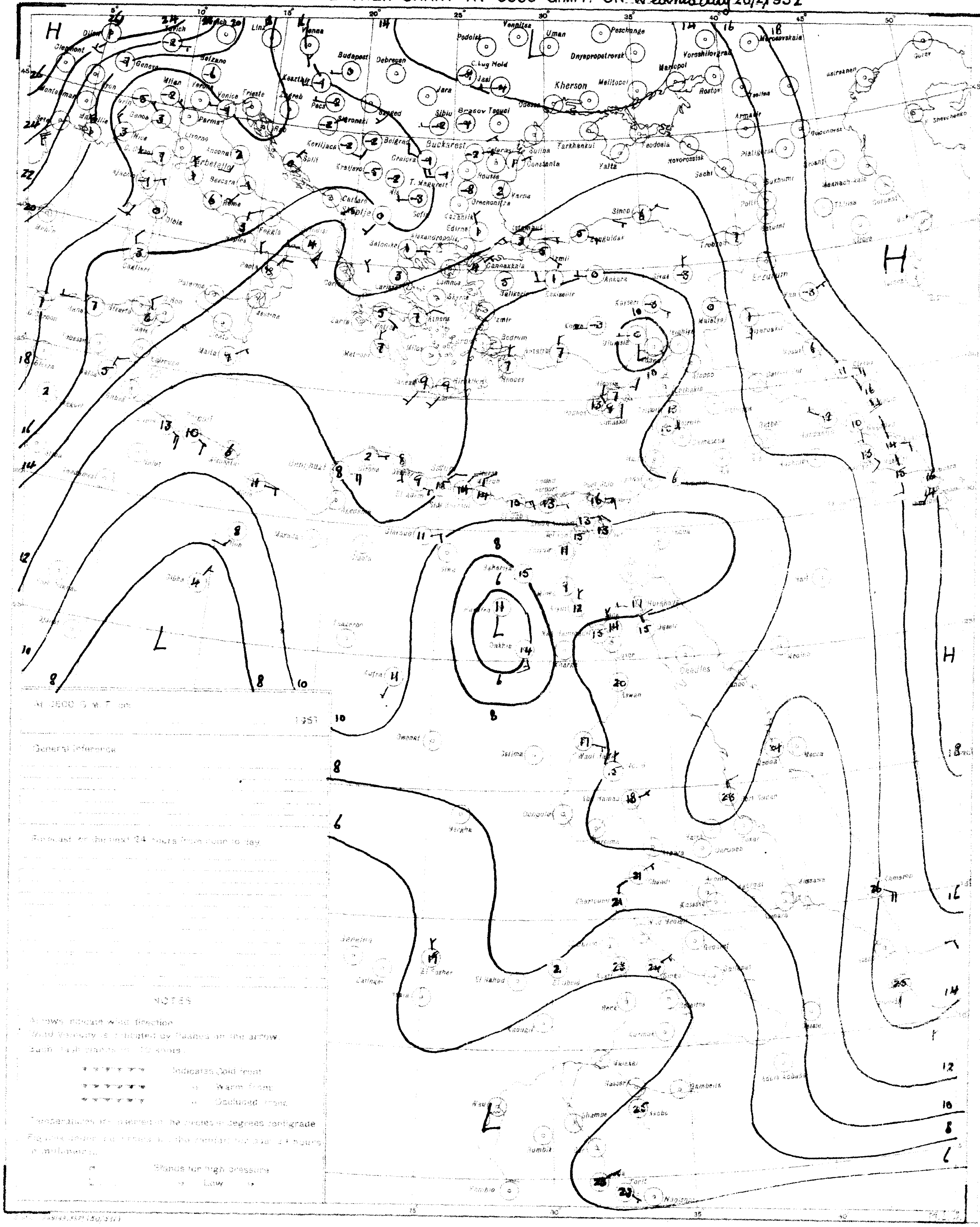
Height (m)	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	4		4		4		5	
600	70	17	40	24				
1000	70	12	40	28			20	10
1500	80	7	50	21	90	13	90	16
2000	2				180	7	120	7
3000	20	7	10	13	210	3	80	9

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.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 20/2/952



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 reduced by smoke ... 04
Dry haze ... 05
Dust in the air ... 06
Dust or sand raised by wind ... 07
Dust devils ... 08
Duststorm or sandstorm within sight of station during past hour ... 09
Mist ... 10
Shallow fog ... 12
Lightning, no thunder heard ... 13
[illegible]
Thunderstorm with 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
Sleet or rain and snow ... 7
Showers of rain ... 8
Thunderstorm with or without rain ... 9

FORM OF CLOUD

Cloudless
Cirrus
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

AMOUNT OF CLOUD

Cloudless ... 0
1/8 ... or trace of cloud ... 1
2/8 ... 2
3/8 ... 3
4/8 ... 4
5/8 ... 5
6/8 ...
7/8 ...
Sky completely covered ...
Sky obscured ... or amount cannot be estimated ...

At 0600 G.M.T. on ... 1952

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.E.C.

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 7F

DAILY WEATHER REPORT

Date: Thursday 21st February, 1951 2

At 1200 on Wednesday 20th

Station	Wind Direction	Velocity in knots	Visibility 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	40	9	35	00	1	2	Cu	9.8	16	68	10
SIDI BARRANI	30	5	18	02	1	1	Cu	9.1	17	56	8
MATRUH	50	10	30	01	2	4	Cu	9.4	17	56	8
EL DABA	70	10	35	01	1	3	Cu				9
ALEXANDRIA	40	9	50	03	1	3	Cu		17	60	9
	40	16	18	01	1	2	Sc, Ci	7.1	19	56	10
	140	5	35	03	1	3	Cu	7.4	17	77	13
	80	15	30	02	0	1	Cu, Ci	6.3	17	77	13
	40	9	15	02	1	2	Cu	6.7	21	57	12
	40	9	35	00	0	0	—	6.6	22	50	11
	90	8	35	03	1	5	As	5.8	22	57	13
	320	1	50	02	0	0	—	5.8	23	61	15
	00	0	18	02	2		Cs	6.0	25	22	2
	290	6	15	02	2	5	Cs	5.6	24	32	6
	00	0	18	02	1	4	Ac	5.0	26	28	6
	00	0	18	02	1	4	Ac	5.8?	27	27	6
	200	9	35	03	2	8	Ci	4.7?	25	17	-2
FAYUM	00	0	35	02	2	7	Ci	6.0	26	28	4
MINYA	210	11	10	02	1	4	Ci	4.5	33	5	-13
	170	17	3	07	1	2	Ci	4.0	34	6	-8
NAG HAMMADI	40	1	15	01	0	4	Ac	6.1	31	28	10
QENA	90	3	35	03	1	6	Sc, Cu	6.7	29	29	9
LUXOR	00	0	30	02	1	3	Ac	6.2	30	22	6
ASWAN	180	2	50	03	2	4	Ci	6.6	34	6	-8
SIWA	40	10	14	02	1	4	Cs	8.4	22	33	5
BAHARIYA	270	2	35	03	2	6	Cs	6.7	28	16	0
FARAFRA	270	5	15	02	2	2	Cu	5.6	30	11	-4
DAKHLA	160	11	15	00	0	0	—	5.0	35	8	-4
KHARGA											
SUEZ	200	10	50	03	0	3	Cu	5.3	21	65	14
TOR	180	9	50	02	0	0	—		27	33	9
HURGHADA	140	16	30	02	1	3	Ci	6.2	23	65	16
QUSEIR	120	12	15	03	1	4	Ac	7.8	24	69	18
PORT SUDAN	90	11	30	02	2	1	Cu	9.4	27	70	21
WADI HALFA	90	2	50	02	0	2	Ci	6.2	35	14	4
ABU HAMAD	90	2	30	02	0	1	Ci				-4
KAREIMA	90	4	30	02	0	0	—	4.8	36	12	2
ATBARA	40	7	30	02	0	0	—	3.4	37	11	2
KHARTUM	30	8	30	02	0	0	—	3.0	37	11	1
KASSALA	10	2	30	02	0	0	—	0.2	39	17	10
WAD MEDANI	50	2	35	02	0	0	—	0.8	39	7	-3
	310	5	35	02	0	0	—	2.8	38	15	7
	310	5	35	02	0	0	—	1.6	39	4	-9
	70	4	50	01	2	0	—	3.1	37	4	-11
EL FASHER	90	5	30	02	0	1	Ci		36	13	4
GENEINA	00	0	30	02	2	7	Cs		36	6	-7
MALAKAL	20	6	30	02	0	0	—	1.1	38	11	3
WAU	90	10	10	04	0	0	—	1.6	39	18	11
JUBA											

At 1800 on Wednesday 20th

Station	Wind Direction	Velocity in knots	Visibility 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	6	15	00	0	0	—	10.6	14	77	10	0
SIDI BARRANI	50	3	15	02	0	0	—	9.6	13	67	7	0
MATRUH	360	6	10	01	2	3	Cu		13	77	9	0
EL DABA	00	0	7	01	1	3	Cu		15	68	9	0
ALEXANDRIA	40	16	35	01	2	3	Ac	10.0	15	68	9	0
	20	2		01	0	0	—	8.3	15	88	13	0
	40	15	14	02	0	1	Sc	8.0	16	77	12	0
	40	9	15	00	0	0	—	9.1	13	77	9	0
	20	9		00	0	0	—	9.3	14	77	10	0
	00	0	35	01	1	3	Cu	8.8	13	77	9	0
	320	1	35	02	0	0	—	8.2	14	88	12	0
	20	11	13	00	0	0	—	9.1	15	77	11	0
	20	11	12	00	2	0	—	8.6	16	77	12	0
	360	16	12	00	0	0	—	8.3	16	72	11	0
	360	16	12	00	0	0	—	9.3	16	68	10	0
	360	16	7	01	1	0	—	8.7	16	68	10	0
FAYUM	00	0	35	01	1	2	Ci	7.9	17	52	7	0
MINYA	00	0	8	01	1	3	Ci	5.3	17	34	1	0
	140	6	8	00	0	0	—	6.5	22	15	-6	0
QENA	40	2	15	02	1	6	Sc, Cu	8.7	19	46	7	0
ASWAN	00	0	15	00	0	0	—	6.8	28	12	-4	0
SIWA	40	6	8	04	0	0	—	9.4	18	49	7	0
BAHARIYA	00	0	15	02	1	0	—	7.8	18	46	6	0
FARAFRA	40	2	7	02	2	1	Ac	8.7	17	34	1	0
DAKHLA	90	8	35	00	0	0	—	7.2	29	9	-7	0
TOR	180	9		02	0	0	—		11	67	5	0
HURGHADA	140	16	12	00	1	0	—	8.1	17	64	10	0
QUSEIR	120	19	15	01	1	3	Ac	8.8	22	89	20	0
MALAKAL		3	30	02	0	0	—	3.5	30	22	6	0
WAU		2	10	05	0	0	—	2.6	32	15	2	0
JUBA	180	2		04	2	4	Ci	5.8	26	42	12	0

At 0600 on Thursday 21st February, 1952

Station	Wind Direction	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	90	5	15	03	2	7	cb, ac	6.2	-10.5	14	17	-2	9	0	77	10	0	60	
SIDI BARRANI	140	13	18	02	1	2	Ci	6.5		10	19		7		67	4	0	100	
MATRUH	170	9	18	03	0	0	—	8.2	-2.5	11	18		7		82	8	0	117	
EL DABA	00	0	15	02	1	5	Sc, Cu			10	18		8		88	8	0	197	
ALEXANDRIA	130	12	35	04	2	6	Sc			14	20	+1	12	+1	77	10	0	137	164
	00	0	18	02	2	6	Sc	9.7	-7.6	15			8	-2	94	14	0	146	128
	140	2	15	03	1	2	Cu	10.2	-6.3	15	18	-1	11	+2	77	11	0	135	85
	80	5	18	02	0	2	Sc	9.3	-7.9	16	18	-1	14	+2	68	10	0	68	
	130	5	7	02	1	1	Cu	9.8	-6.7	14	24	+3	10	+2	77	10	0	69	77
	180	5	35	00	0	0	—	9.3	-7.3	14	22	+1	10	+2	77	10	0	37	37
	00	0	35	02	0	0	—	9.6	-7.3	11	22	+1	7	0	97	11	0	60	30
	00	0	35	02	0	0	—	9.8	-7.3	12	25	+4	9	+2	88	10	0	29	20
	70	7	12	01	2	1	Sc	10.3		14	26		10		77	10	0	82	
	70	9	12	01	1	1	Sc	9.8	-8.3	14	26	+5	10	+1	77	10	0	71	
	00	0	6	00	0	0	—	9.6	-7.7	13	27	+5	10	+1	82	10	0	60	17
	00	0	6	00	0	0	—	10.4	-6.9	11	28	+7	7	+1	88	9	0	57	18
	40	13	7	02	0	0	—	9.2	-8.4	14	26	+5	12	+3	77	10	0	59	18
FAYUM	00	0	35	01	0	0	—	9.0	-8.1	13	27	+4	9	+1	88	11	0	23	6
MINYA	360	4	8	03	1	2	Ci	8.7	-10.5	10	34	+12	7	+1	88	8	0	5	
	310	5	3	10	0	3	Ci	9.5	-8.8	12	34	+12	10	+3	88	10	0	3	
NAG HAMMADI	00	0	7	01	1	3	Sc	9.0	-8.2	17			8	+2	42	4	0	0.1	
QENA	270	2	15	00	0	0	—	9.1	-7.3	15	29	+3	8	0	48	4	0	2	
LUXOR	00	0	30	00	0	0	—	8.2	-8.8	15			10		34	-1	0	dr.	
ASWAN	00	0	50	01	1	5	Ci	8.2	-9.2	21	35	+9	16	+4	33	4	0	dr.	
SIWA	00	0	14	00	0	0	—	10.6	-8.2	11	23	+1	8	+2	71	6	0	25	6
BAHARIYA											29	+6							6
FARAFRA	220	1	15	02	2	3	Cs	11.0		10	31		5		76	6	0	Rain	
DAKHLA	320	11	50	03	0	5	Ci	9.6	-8.7	15	35	+10	11	+4	39	1	0	dr.	
KHARGA																			
SUEZ	360	2	50	00	0	0	—	10.4	-6.2	15			11	+1	77	11	0	44	12
TOR	00	0	35	02	0	0	—			18	28	+6	13	+3	83	15	0	1	11
HURGHADA											23	+2							
QUSEIR	180	9	15	00	0	4	Ci	8.4	-7.2	16	25	+2	14	-1	68	10	0	dr	4
PORT SUDAN	220	3	30	01	0	1	Ci	10.8		26	28		21		74	21	0	211	93
WADI HALFA	130	12	50	01	1	4	Ci	8.6		17	36		14		18	-8	0	dr.	
ABU HAMAD	110	2	30	03	2	8	Cs			20	39		15		15	-8	0		
KAREIMA	340	6	30	03	0	4	Cs	10.1		18	37		13		24	-3	0	dr.	1
ATBARA	60	4	30	03	0	1	Cs	8.5		22	38		16		57	13	0	0	2
KHARTUM	20	4	30	02	0	1	Ci	8.6		22	38		17		27	2	0	0.6	4
KASSALA	360	2	30	02	0	0	—	7.1		25	41		17		58	16	0	49	8
WAD MEDANI	20	5	15	02	0	0	—	7.6		24	41		18		38	9	0	20	12
																			49
	310	2	35	02	0	0	—	8.5		24	41		19		13	-7	0	92	36
	00	0	30	03	0	1	Ci	9.4		21	37		15		15	-7	0	15	16
EL FASHER	360	3	30	02	0	2	Ci			13	37		10		18	-11	0	13	6
GENEINA	60	1	18	03	0	3	Ci			16	37		10		13	-13	0		4
MALAKAL	90	1	30	03	0	7	Cs	8.5		27	40		20		33	9	0	94	88
WAU	310	3	10	04	2	4	Ac	7.6		25	40		22		42	11	0	153	148
JUBA	180	5	30	04	2	7	Ac	7.7		25			21		61	17	0	228	155

Station	20th	Diff. from normal
	68	+3
	70	+8
	67	+1
	59	+9

21st 5.4

Remarks

UPPER AIR OBSERVATIONS

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.
1000						1000					
950						950					
900						900					
850						850					
800						800					
700						700					
600						600					
500						500					
400						400					
300						300					

UPPER WIND OBSERVATIONS on 20th

Station	Minya		Asyut		Siwa		Dakhla		Hurghada		S.Barani		Port Said		Almaza	
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.
300	270	19	240	17	20	4	260	16	100	13	70	18	20	22	40	16
600	250	26	240	20	20	6	240	12	140	16	70	10	20	16	50	22
1000	270	26	240	29	70	5	240	17	140	16	70	10	20	16	30	16
1500	240	26	240	33	330	7	240	13	360	16	320	9	50	13	300	12
2000			250	36							290	22				
3000																
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS 21st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said							
Time	8		8				2						2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	160	34	140	22			30	8					20	19
600	160	24	160	23			40	10					330	11
1000	180	23	170	8			30	7					310	10
1500	210	23	200	17			40	3					280	16
2000	230	15	250	15										
3000	230	13												
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		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									110	14														
600									190	10	110	4	80	3	30	19	100	3					60	7
1000									220	12	40	6	70	7	30	22	40	9	30	24	20	5	60	9
1500									280	14	330	1	10	5	40	14	30	13	30	12	100	11	50	16
2000																			210	7				
3000									350	13	310	15	90	1	330	7	360	5	110	6	50	8	50	10
4000																			140	11				
5000																			90	14				
6000																			160	7				
7000																								
8000																			150	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.

Note: All times are G.M.T.

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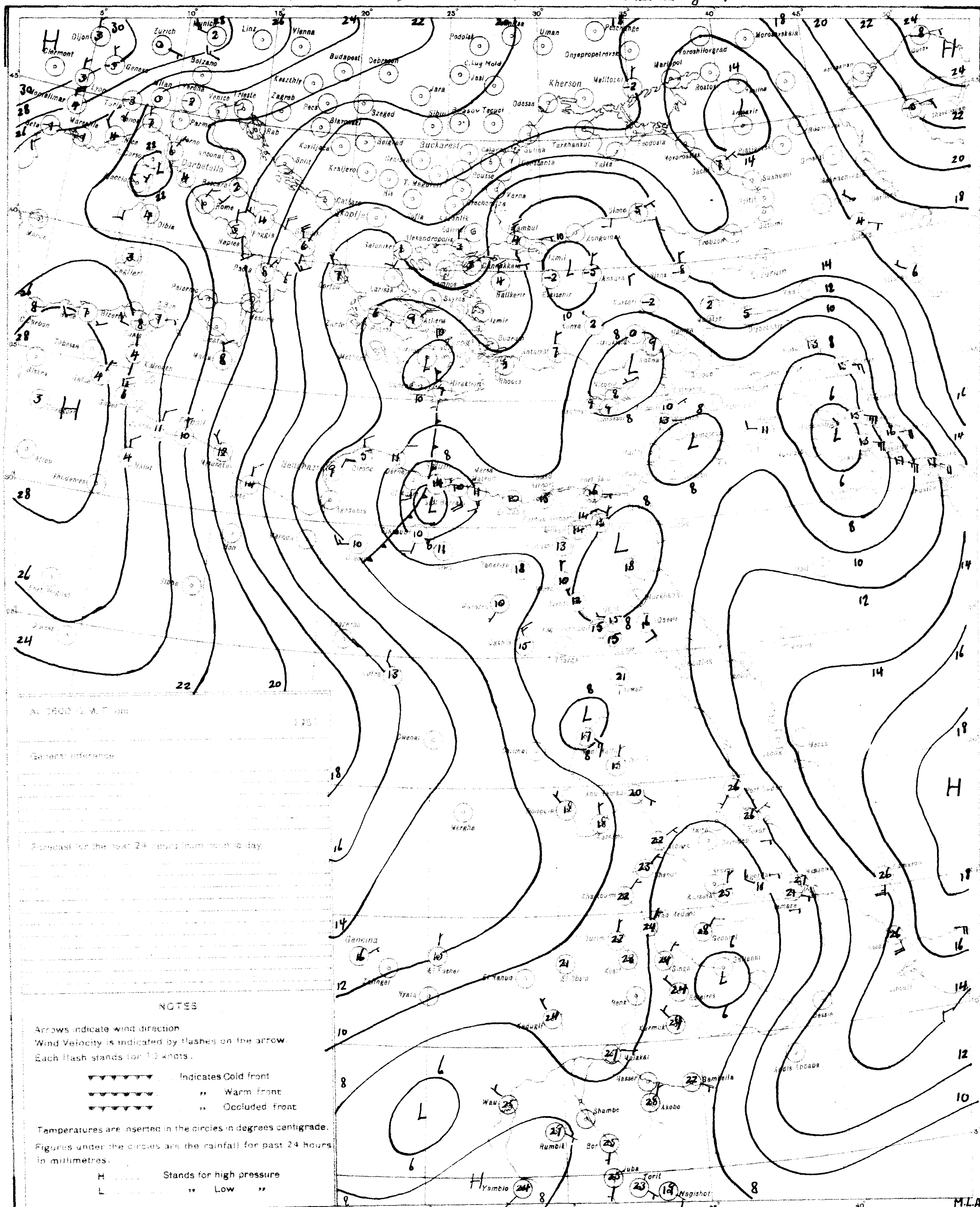
Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 21/2/1952



At 0600 G.M.T. on ... 195

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 reduced by smoke	04
Dry haze	05
Dust in the air	06
[illegible]	
Mist	10
Shallow fog	12
Thunderstorm	29
Sandstorm	38

PAST WEATHER

GENERAL WEATHER DURING PAST 3 HOURS

Clear or few clouds	0
[illegible]	
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless	
Cirrus	
Cirrostratus	
Cirrocumulus	
Altocumulus	
Altostratus	
Stratocumulus	
Nimbostratus	
Cumulus or Fractocumulus	
Cumulonimbus	
Stratus or Fractostratus	

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

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: Friday 22nd February, 1952

At 1200 on Thursday 21st

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
Salum	340	17	35	80	6	6	St	6.7	14	55	5
Sidi Barani	290	25	14	07	2	4	Cu,AS	4.5	16	52	6
Matruh	180	16	15	60	6	7	Cu,Sc	5.0	17	56	8
El Daba	160	13	35	03	6	7	St		20	46	8
Alexandria	130	5	50	01	2	3	Cu	6.2	20	46	8
Fouad Airport											
Damietta	140	2	35	01	0	0	—	7.0	18	73	13
Port Said	100	12	30	02	0	0	—	5.8	18	60	10
El Arish											
Mansura	40	9	15	02	1	1	Cu	7.0	22	50	11
[illegible]	90	9	35	00	0	0	--	6.4	23	44	10
Tanta	180	5	35	01	1	2	Cu	5.5	22	50	11
[illegible]	320	1	50	00	2	0	—	5.5	21	61	13
Ismailia											
Cairo (Airport)											
[illegible]	180	8	30	00	0	0	—	6.0	24	26	3
[illegible]	130	4	18	00	0	0	—	5.4	25	32	7
Giza	130	4	18	00	0	0	—	5.9	26	30	7
Helwan	200	11	35	02	0	0	—	5.4	23	24	1
Fayum	00	0	35	02	0	0	—	6.3	26	30	7
Minya	200	8	8	01	1	1	Ci	6.7	26	28	6
Asyut	310	2	30	01	2	1	Ci	7.9	26	37	10
Nag Hammadi	00	0		01	1	2	Sc	8.2	29	29	9
Qena	290	3	35	03	1	7	Cc	8.6	29	19	3
Luxor											
Aswan	220	4	50	03	2	6	AS	5.6	34	3	-18
Siwa	280	39	0.5	33	3	3	Cu	10.6	17	37	2
Bahariya	00	0	35	02	0	0	—	7.4	25	34	8
Farafra	270	12	0.1	34	3	0	—	9.5	24	32	6
Dakhla	320	14	50	01	1	2	Ci	9.0	28	10	0
Kharga	180	2	35	03	2	3	Ci	6.8	31	9	-6
Suez	180	4	50	02	0	0	—	6.6	22	50	11
Tor											
Hurghada	30	8	30	01	1	2	Ci		22	47	10
Qoseir	120	13	15	03	1	5	AC	6.8			21
Port Sudan	90	9	30	02	2	7	Cu,Cs	8.7	29	66	22
Wadi Halfa	300	4	50	03	1	7	Cs	6.3	35	6	-8
Abu Hamad	20	3	30	01	1	1	Ci		37	13	5
Kareima	70	4	30	02	1	5	Cs	6.1	37	11	2
Atbara	20	7	30	03	2	7	Cs	3.6	38	11	3
Khartoum	10	10	30	01	1	2	Cs	3.7	39	10	2
Kassala											
Wad Medani											
[illegible]											
[illegible]	310		35	02	0	0	—	3.6	40	5	-8
El Obeid	360	4	30	02	1	7	Cs	3.8	37	5	-10
El Fasher	100	7	30	01	1	3	Ci		37	4	-11
Geneina	50	1	30	03	1	6	Cs		37	7	-5
Malakal	50	8	30	03	1	4	Cs	2.3	40	11	4
Wau	360	6	10	04	1	2	Cu	2.8	39	16	9
Juba	70	2	30?	04	2	6	Sc,AC	2.3	39	24	15

At 1800 on Thursday 21st

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	290	3	15	81	3	2	Cb	9.9	12	63	5	1
Sidi Barani	300	30	10	81	8	1	Sc	8.2	13	44	1	6
Matruh												
El Daba	270	26	7	03	8	8	St		13	77	9	1
Alexandria	310	27	35	00	8	0	—	3.8	15	59	7	1
Fouad Airport	280	18	12	01	9	2	Cb	3.8	15	72	10	0.2
Damietta	20	9	1.5	13	0	8	Sc,Cu	3.0	16	77	12	0
Port Said												
El Arish												
Mansura												
[illegible]	220	9	3	91	5	6	Cb	3.6	15	77	11	2
Tanta	270	18	7	03	6	8	NS	3.9	15	68	9	1
[illegible]	320	1	35	02	0	0	—	2.6	19	68	13	0
Ismailia												
Cairo (Airport)												
[illegible]	260	27	0.5	35	3	9		5.2	19	37	4	0
[illegible]	270	35	1.1	09	3	9		4.8	20	28	1	0
Giza	270	35	1.1	09	3	9		5.5	18	28	-1	dr
Helwan	270	27	0.1	34	3	0	—	5.4	18	37	3	0
Fayum	360	40?	0.3	33	3	0	—	7.8	19	30	1	0
Minya	290	14	6	00	3	0	—	10.1	18	12	-12	0
Asyut	270	27	3	07	0	0	—	9.6	21	26	1	0
Nag Hammadi												
Qena	290	2	7	02	1	7	Cc	7.9	20	41	6	0
Luxor												
Aswan												
Siwa	280	13	8	01	3	0	—	14.4	15	42	2	0
Bahariya	270	6	15	02	0	0	—	10.3	15	48	4	0
Farafra	270	17	.02	34	3			13.5	16	49	5	0
Dakhla	340	18	0.03		4	8		9.3	21	20	-3	0
Kharga	360	2	15	01	2	2	Ci	11.0	22	21	-1	0
Suez	180	4	35	02	0	0	—	3.9	19	64	12	0
Tor												
Hurghada	00	0	12	00	1	0	—	4.4	19	73	14	0
Qoseir	360	13	15	01	1	3	Ci	6.7	22	83	19	0
Port Sudan	80	1	30	0[illegible]	2	0	—	9.8	28	74	23	0
Wadi Halfa	320	10	30	01	2	4	Cs	8.1	28	11	-5	0
Abu Hamad	40	2	30	02	0	0	—		28	19	2	0
Kareima	320	4	30	01	1	2	Ci	7.6	27	13	-4	0
Atbara	330	6	30	02	2	7	Cs	5.8	30	11	-3	0
Khartoum	360	6	30	02	1	6	Cs	5.9	31	17	3	0
Kassala	20	1	30	02	0	0	—	4.7	27	28	7	0
Wad Medani												
[illegible]												
[illegible]												
El Obeid	70	4	30	01	0	0	—	5.7	29	11	-5	0
El Fasher												
Geneina	350	2	30	02	2	7	Cs		27	9	-9	0
Malakal	360	1	50	01	1		Ci	3.7	30	24	7	0
Wau	00	0	10	04	0	0	—	3.2	33	28	12	0
Juba	00	0	30	04	2	4	Sc,Ci	3.4	30	38	14	0

At 0600 on Friday 22nd February, 1952

Station	Wind Direction	Wind Velocity in knots	Visibility in km	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	Rainfall	Rainfall
Salum	270	19	15	00	1	1	Ci	15.4	-1.3	9	18	-1	5	-4	71	4	1	61	
Sidi Barani	280	29	13	25	8	3	Cb,AS	12.6		10	18		8		58	2	8	108	
Matruh	250	31	12	25	8	7	Cb	11.2	-5.5	8			6		77	4	5	122	
El Daba	270	20	15	03	1	8	St			9	22		7		71	4	1	198	
Alexandria	310	14		03	6	6	Cb	6.0	-11.0	13	20	0	11	0	67	7	9	146	165
Fouad Airport	260	32	12	01	9	5	Cb	7.1	-10.2	13	21	+2	8	-2	67	7	9	155	128
Damietta	140	19	7	01	6	3	Cb	7.4	-9.0	10	19	0	9	0	88	8	10	145	86
Port Said	260	32	10	02	0	1	Cb	5.2	-11.9	12			10	-2	67	6	dr.	68	
El Arish																			
Mansura	270	37	3	87	8	8	Cu,Sc	7.0	-9.5	10			6	-2	88	8	4	73	78
[illegible]	270	19	15	03	6	6	NS	6.6	-9.9	10	23	+2	9	+1	88	8	5	42	38
Tanta	220	23	15	03	5	8	NS	7.8	-9.1	10	23	+1	9	+2	77	6	1	61	30
[illegible]	210	3		34	3	0	—	7.6	-9.5	11	24	+3	9	+2	63	4	0	29	20
Ismailia																			
Cairo (Airport)	220	14		34	3	7	AS	10.7		10			10		77	6	0	82	
[illegible]	200	16	3	05	2	6	Sc,AC	10.6	-7.4	10	26	+5	9	0	77	6	0	71	
[illegible]	220	20	10	07	3	0	—	10.2	-7.1	10	26	+4	10	+1	67	4	0	60	17
Giza	220	20	10	07	3	0	—	10.8	-6.5	11	27	+6	9	+3	51	1	dr	57	18
Helwan	200	11	3	09	3	7	NS,AS	11.8	-5.7	10	24	+3	9	0	62	3	0	59	19
Fayum	310	27	0.3	33	3	8	Cb	14.0	-3.0	12	27	+4	8	0	55	3	0	23	6
Minya	260	14	8	00	0	0	—	15.7	-3.4	11	27	+5	9	+3	44	-1	0	5	
Asyut	280	15	8	10	0	0	—	16.4	-1.9	12	30	+8	9	+2	59	4	0	3	
Nag Hammadi	320	3	7	00	0	0	—	15.9	-1.2	13			9	+3	67	7	0	0.1	
Qena	320	3	15	02	1	7	Cs	16.7	+0.3	13	30	+4	11	+3	55	4	0	2	
Luxor	300	15	18	03	0	2	Ci	16.2	-0.8	13			12		41	0	0	dr.	
Aswan	320	6	3	10	1	6	Cs	17.2	-0.1	20			14	+2	11	-12	0	dr.	
Siwa	290	14	12	02	1	4	Sc	18.7	0.0	9	17	-5	8	+2	71	4	0	25	6
Bahariya	290	5	35	02	2	0	—	17.0	-0.8	11	26	+3	6	-1	63	4	0	1	6
Farafra	320	6	15	02	0	0	—	17.7		11	26		7		63	4	0	Rain	
Dakhla	340	14	15		0	0	—	17.5	-0.7	10	28	+3	7	0	62	3	0	dr.	
Kharga	00	0	7	03	2	4	Ci	18.8	+1.4	13	32	+7	10	+2	55	4	0	dr.	
Suez	220	12	50	60	0	3	Cu	11.0	-5.5	13	24	+2	10	0	55	4	0	44	12
Tor																			11
Hurghada	310	26	14	02	0	0	—			15	24	+3	14	+4	36	0	0	0	
Qoseir	310	19	15	02	0	0	—	13.8	-1.7	16	25	+2	15	0	49	5	0	dr.	4
Port Sudan	160	3	30	03	1	3	Sc	9.2		26	29		21		70	20	0	211	93
Wadi Halfa											37								
Abu Hamad	340	13	7	07	0	0	—			19	38		18		19	-5	0		
Kareima	360	20				0	—			18	39		17		24	-3	0	dr	1
Atbara	350	23		07	1	3	Cs	9.6		24	39		20		8	-12	0	0	2
Khartoum	340	16	10	06	1	6	Cs	9.5		23	40		21		15	-5	0	0.6	4
Kassala	160	1	30	02	0	0	—	6.7		24	43		17		61	16	0	49	8
Wad Medani	50	5	50	02	1	3	Ci	8.5		23	41		16		18	-3	0	20	12
[illegible]	360	2	35	02	1	3	Ci	9.8		24	41		18		30	5	0		49
[illegible]	230	2	35	02	0	0	—	7.9		27	41		17		10	-7	0	92	36
El Obeid	350	13	30	03	0	6	Cs	9.2		24	39				7	-15	0	15	16
El Fasher	360	13	10	05	1	5	Ci			19	39		15		15	-9	0	13	6
Geneina											39								4
Malakal											40								88
Wau	00	0	10	04	1	6	Ac,Cs	7.7		24	40		23		61	16	0	153	148
Juba	180	8	30	04	1	6	Ac,Cs				39					13	0	228	156

Humidity — Mean of day

Station	21st	
Alexandria	61	-4
[illegible]	50	-11
Giza	53	-13
Helwan	49	-1

Grass minimum on 22nd: 8.0

Remarks

UPPER AIR OBSERVATIONS — RADIOSONDE

UPPER WIND OBSERVATIONS on 21st

Station	Port Said		Minya		Hurghada		Asyut		Dakhla	
Time	14		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	12	260	14	60	6	260	26	290	28
600	60	10	260	23	110	6	250	30	280	30
1000	150	8	270	17	140	2	230	13		
1500	250	6	270	24	150	6	250	8		
2000	230	9			150	10	250	26		

UPPER WIND OBSERVATIONS on 22nd

Station	Port Said		[illegible]		[illegible]		Luxor	
Time	8		8		8		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	240	23	280	18	290	26	320	21
600	240	35	280	24	300	29	330	12
1000	350	37	280	26	300	38	300	22
1500							340	35
2000							320	40

Station	Siwa		Bahariya		Dakhla		Kharga		Abu Hamad		Khartoum		Kassala		El Obeid		El Fasher	
Time	8		8		8		8		4		4		4		4		5	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	290	62?	260	51?	320	20	330	20										
600	290	62?	260	56?	320	21	330	25	350	34	350	29	20	12				
1000	300	39					330	26	350	30	350	32	10	20	10	31	360	15
1500							320	18	350	23	360	27	20	17	20	27	350	18
2000																	70	19
3000											330	16	310	4	320	3	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

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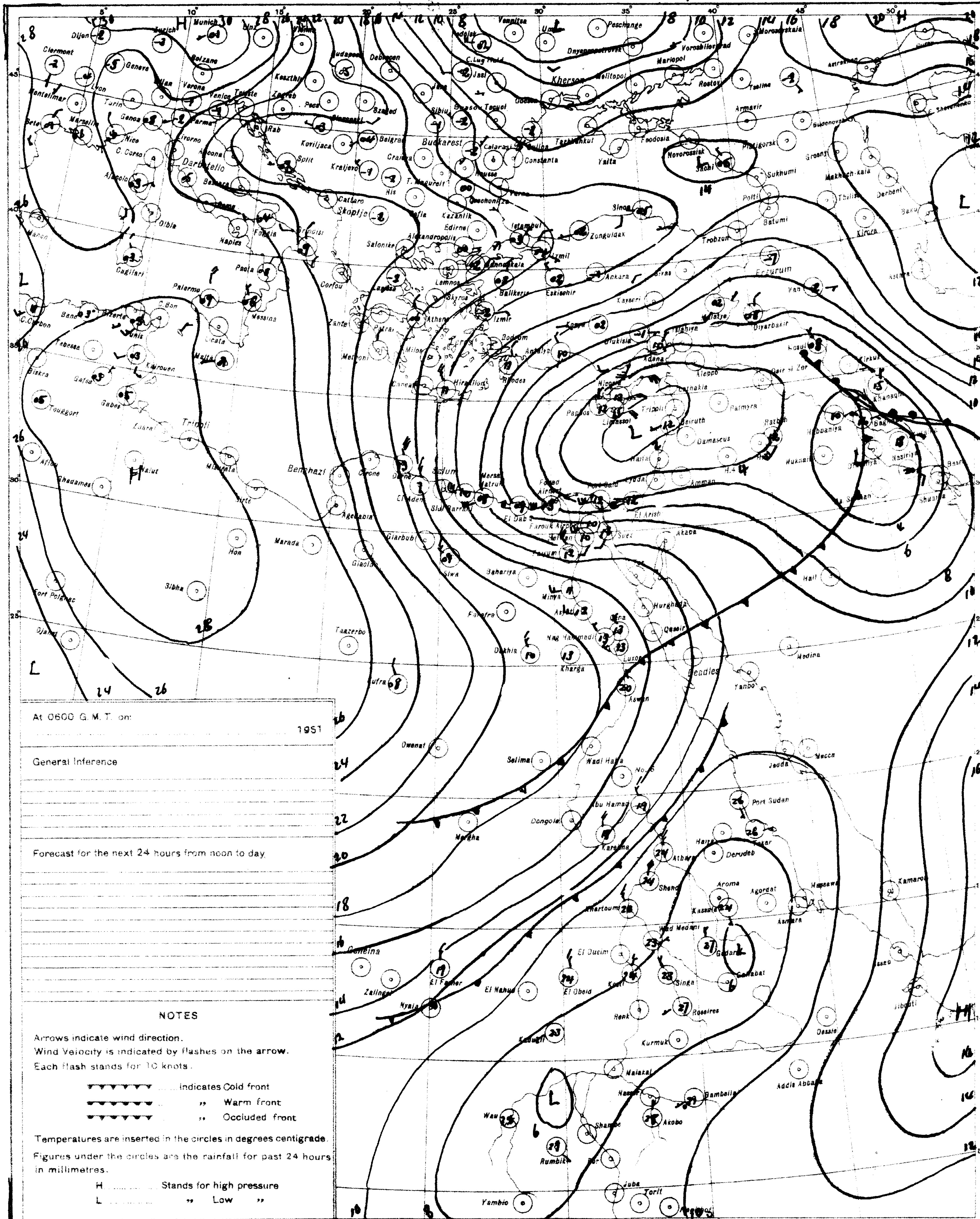
Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 22/2/* 1952



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 29 G.M.T.
" " Sunset 15 49 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Saturday 23rd February, 1952

At 1200 on Friday 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
62300	Salûm	340	13	35	03	1	4	Cu	17.2	16	42	3
303	Sidi Barâni	340	28	15	25	5	3	Cu	15.7	16?	49	5
306	Matruh	320	26	14	01	2	4	Cb, Ac	14.3	13	72	8
309	El Dabâ	320	15	35	03	2	7	Cb		13	88	11
	Alexandria	310	24	35	03	8	6	Cb	10.3	11	97	11
318	Fouad (Airport)	320	24	10	81	8	8	Cu, Sc	9.9	13	77	9
330	Damietta	220	19	7	66	6	8	Cu, Sc	6.0	12	88	10
[illegible]	Port Said	280	38	14	25	8	8	Cu, Sc	4.7	13	82	10
[illegible]	El Arish											
[illegible]	Damanhur	270	13	15	02	6	8	Sc, Cu	8.8	14	67	8
342	Mansura	270	19	15	50	6	8	Cu, Sc	8.7	12	88	10
348	Tanta	270	5	15	03	5	8	Ns	7.9	12	88	10
354	Zagazig	220	3	35	34	3	6	Cu	6.8			
440	Ismailia											
[illegible]	Farouk (Airport)	290	32	0.5	31	3	9		11.6	15	59	7
[illegible]	Almaza	260	32	0.5	35	3	9		11.0	15	42	2
	Ezbekiya	270	40	12	07	3	9		11.0	16	30	-2
	Gîza	270	40	12	07	3	9		11.6	16	24	-5
[illegible]	Helwân	270	35	0.8	34	3	9		11.9	15	77	11
[illegible]	Faiyum	310	27	0.3	33	3	9		13.8	17	42	4
[illegible]	Minya	300	20	4	00	0	0	—	15.4	17	20	-6
[illegible]	Asyut Aerodrome	310	22	3	07	1	1	Cu	16.5	16	36	1
399	Nag Hammadi	320	3	15	02	1	7	Sc, Ac	15.4	18	52	8
[illegible]	Qena	240	4	35	02	1	7	Ci	14.8	17	34	1
405	Luxor	320	16	12	00	0	0	—	15.3	18	22	-4
414	Aswân	320	12	50	02	1	2	Ci	16.0	21	14	-8
[illegible]	Siwa	270	13	14	02	1	4	Cu	19.1	16	36	1
426	Bahariya	270	6	35	02	0	0	—	16.4	14	48	3
[illegible]	Farafra	320	17	0.125	34	3	9		18.6	16	32	-1
[illegible]	Dakhla	320	18	0.03	33	3	0	—	17.6	17	68	11
[illegible]	Kharga	320	6	7	00	0	0	—	19.0	18	20	-5
[illegible]	Suez	180	13	50	03	2	8	As	11.5	17	26	-3
[illegible]	Tor											
462	Hurghada											
465	Quseir	360	19	15	02	0	0	—	11.9	21	27	1
641	Port Sudân	20	14	30	02	1	3	Cu	9.0	30	59	21
600	Wâdi Halfa	340	23	10	07	1	5	Cs	17.2	21	20	-3
640	Abu Hamad	360	13	7	07	1	2	Ci		27	14	-3
660	Kareima											
680	Atbara	10	21	1	07	3	5	Cs	7.9	31	7	-9
[illegible]	Khartum	340	18	1.7	06	0	9		8.0	32	14	1
730	Kassala											
[illegible]	Wad Medani											
[illegible]	Renk											
[illegible]	Roseires											
[illegible]	El Obeid	10	19	2	07	0	0	—	7.0	32	4	-15
[illegible]	El Fasher											
[illegible]	Geneina											
[illegible]	Malakal											
880	Wau	50	6	10	04	2	6	Cu, Cs	1.9	40	11	4
941	Juba											

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
Salûm	290	5	15	01	1	2	Cu	21.6	11	63	4	0
Sidi Barâni	320	9		02	8	1	Sc, Cu	19.4	12	59	4	Rain
Matruh	300	9	10	01	1	0	—	19.5	13	55	4	1
El Dabâ	320	12	7	03	2	8	St		13	67	7	6
Alexandria	360	24	35	01	6	4		16.6	14	67	6	8
Fouad (Airport)												
Damietta	260	13	7	01	6	3	Sc	13.9	11	88	9	13
Port Said	320	22	12	02	8	2	St	13.2	15	72	10	10
El Arish	270	18	12	20	5	2	Sc	10.3	14	77	10	7
Damanhur	360	9	7	02	6	6	Cu, Sc	15.2	12	88	10	7
Mansura	270	9		00	6	0	—	14.6	11	88	9	7
Tanta	220	5	15	03	6	5	Ns	14.6	10	88	8	3
Zagazig	220	1	35	02	6	0	—	14.6	11	88	9	1
Ismailia												
Farouk (Airport)	250	8	12	01	6	1	Sc	16.7	11	94	10	1
Almaza	270	5	12	01	2	3	Sc	16.2	12	88	10	0
Ezbekiya	00	0	12	50	5	6	Ac	16.0	12	82	9	0.4
Gîza	00	0	12	50	5	6	Ac	16.4	11	88	9	1
Helwân	00	0	7	01	6	0	—	17.1	12	88	10	dr.
Faiyum	360	8	35	01	1	4	Cu, Sc	18.3	13	77	9	0
Minya	270	8	8	00	0	3		18.4	11	41	-2	0
Asyut	300	10	6	10	0	0	—	19.2	12	33	-4?	0
Nag Hammadi	00	0	7	00	1	0	—	18.7	12	82	9?	0
Qena	290	4	7	01	1	4	Cu		12	55	3	0
Luxor	300	5	12	00	1	0	—	18.7	14	29	-4	0
Aswân	360	6	15	00	0	0	—	17.9	16	32	-1	0
Siwa	350	6	8	01	1	0	—	21.9	14	39	0	0
Bahariya	260	3	15	02	0	0	—	19.9	14	61	8	0
Farafra	270	2	7	02	3	0	—	22.2	10	88	8	0
Dakhla	340	15	0.8	31	3	0	—	21.9	11	30	-6	0
Kharga	320	3	7	00	0	0	—	21.4	14	27	-5	0
Suez	270	9	35	01	6	0	—	15.4	14	48	3	dr.
Quseir	330	19	15	02	0	0	—	17.1	17	26	-3	0

At 0600 on Saturday 23rd February, 1952

Station	Wind 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	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
Salûm	290	9	15	03	0	8	Cu, Sc	22.4	+5.7	10	17	-2	5	-4	76	6	0			Salûm
Sidi Barâni	240	12	15	02	2	7	Ac	21.2		9	16		9		62	2	7	115		Sidi Barâni
Matruh	240	13	18	01	8	3	Sc	21.3	+4.6	9	16		8		67	3	dr			Matruh
El Dabâ	270	5	15	01	1	3	Cu			12	17		7		72	7	6	204		El Dabâ
Alexandria	270	16	50	03	2	5	Cu, Sc	20.3	+3.3	14	16	-4	11	0	48	3	8	154	166	Alexandria
Fouad (Airport)																			129	Fouad (Airport)
Damietta	200	5	7	03	1	6	Sc	19.9	+3.5	11	16	-3	8	-1	88	9	13	158	87	Damietta
Port Said	250	12	12	03	0	4	Sc	19.5	+2.5	12	18	-1	10	-2	77	8	15?	83		Port Said
El Arish	270	6	30	01	6	1	Cu	18.9	+1.7	16	16		10		59	8	12?	Rain		El Arish
Damanhur	270	8	7	02	1	2		20.0	+3.5	13	15	-6	8	0	17	9	7	80	79	Damanhur
Mansura	270	5	35	00	0	0		20.3	+3.8	9	15	-6	7	-1	88	7	7	49	38	Mansura
Tanta	00	0	7	03	2	7	Ns	20.3	+3.4	9	15	-7	7	0	88	7	3	64	31	Tanta
Zagazig	220	1	35	02	0	0	—	20.6	+3.6	10			6	-1	76	6	1	30	20	Zagazig
Ismailia																				Ismailia
Farouk (Airport)	220	9	6	05	2	5	Sc	21.9		12	16		9		63	5	1	83		Farouk (Airport)
Almaza	240	8	12	02	2	6	Sc	21.2	+3.2	11	16	-5	4	-1	88	9	0	11		Almaza
Ezbekiya	00	0	12	02	1	7	Ac	21.8	+4.6	12	16	-6	8	-1	72	7	0.4	60	16	Ezbekiya
Gîza	00	0	12	02	1	7	Ac	21.4	+4.2	12	19	-2	6	0	63	5	1	58	18	Gîza
Helwân	00	0	7	03	1	3	Sc	22.6	+5.2	10	15	-6	9	0	76	6	0.5	59	19	Helwân
Faiyum	00	0	35	01	1	1	St	22.5	+5.5	11	17	-6	11	+3	17	1	0	23	6	Faiyum
Minya	330	5	8	00	1	0	—	22.1	+3.1	9	17	-5	5	-1	11	4	0	5		Minya
Asyut	280	7	6	10	0	1	Ac	23.1	+4.9	10	17	-5	8	+1	82	7	0	3		Asyut
Nag Hammadi	00	0	7	00	0	0	—	22.2	+5.1	10	21	-3	4	-2	62	3	0	0.1		Nag Hammadi
Qena	290	2	15	00	0	0	—	21.9	+5.6	10	19	-7	6	-3	50	0	0	2		Qena
Luxor	240	2	14	05	0	0	—	21.2	+4.3	11	20		6		41	-2	0	dr.		Luxor
Aswân	360	5	3	10	0	0	—	21.5	+4.3	11	21	-6	8	-4	30	-6	0	dr.		Aswân
Siwa	00	0	13	00	0	0	—	24.0	+5.3	8	18	-4	5	-1	66	2	0	25	6	Siwa
Bahariya	00	0	35	02	0	0	—	23.5	+5.8	11	15	-8	6	-1	77	7	0	1	6	Bahariya
Farafra	00	0	15	02	0	0	—	23.9		9	16		4		71	4	0	Rain		Farafra
Dakhla	340	11	50	00	0	0	—	23.4	+5.3	9	17	-8	5	-2	47	-2	0	dr.		Dakhla
Kharga	00	0	7	00	0	0	—	21.9	+4.5	10	19	-6	6	-2	50	0	0	dr.		Kharga
Suez	310	8	50	00	0	0	—	21.2	+4.7	15	21	-1	10	0	48	4	dr.	44	12	Suez
Tor																			11	Tor
Hurghada																				Hurghada
Quseir	270	13	15	02	0	0	—	19.0	+3.5	13	22	-2	12	-3	44	1	0	dr.	4	Quseir
Port Sudân	330	19	10	01	2	5	Sc, Cu	16.4		21	30		19		41	7	0	211	93	Port Sudân
Wâdi Halfa	10	8	2	06	0	9		21.0		10	22		8		41	-3	0	dr.		Wâdi Halfa
Abu Hamad	360	7	30	03	0	2	Ci			13	28		11		29	-5	0			Abu Hamad
Kareima	360	18	2	07	1	0	—	18.7		13	27		11		29	-5	0	dr.	1	Kareima
Atbara	350	19	4	07	0	1	Ci	15.5		15	32		13		23	-6	0	0	2	Atbara
Khartum	360	20	12	05	2	7	Cs	15.6		16	33		14		32	-1	0	0.6	4	Khartum
Kassala																			8	Kassala
Wad Medani																			12	Wad Medani
Renk																			49	Renk
Roseires																			36	Roseires
El Obeid	360	20	7	07	1	7	Cs	16.5		15	32		13		25	-5	0	15	16	El Obeid
El Fâsher	20	6	7	05	2	3	Ci			13	32		11		29	-5	0	13	6	El Fâsher
Geneina	40	13	7	05	2	8	Cs			14	31		13		23	-7	0		4	Geneina
Malakal	20	26	2	06	0	0	—	11.1		23	41		21		20	-1	0	94	88	Malakal
Wau	20	7	4	04	2	8	Ac, Cs	9.6		23	41		23		16	-4	0	153	148	Wau
Juba	360	10	7	05	0	5	Ac, Cs	8.2		30	40		22		9	-6	0	228	156	Juba

Humidity % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	63	-2
Ezbekiya	68	+7
Giza	67	+1
Helwan	69	+19

Gîza Grass Minimum °C: on 23rd 3.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

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

Remarks

UPPER WIND OBSERVATIONS on 22nd

Station	Luxor		Minya		Asyut		Siwa		Dakhla		Kharga	
Time	14 30		14		14 30		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	22	290	22	300	25	350	18	320	24	330	29
600	320	17	290	35	300	28	340	41	320	39	320	30
1000	320	23	280	49	300	26	350	15				
1500	310	33										
2000	300	20										
3000												
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 23rd

Station	Sidi Barani	Matruh	Fouad Airport	Port Said	El Arish	Helwan	Minya	Manqabad	Luxor	Aswan	Hurghada	Almaza
Time				4			2			8		3
Height m. (Dir. Vel.)												
300				250 16			350 24			360 9		300 8
600				270 22			350 29			10 11		330 15
1000				280 10			360 27			20 17		320 16
1500				290 17			340 3					310 15
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		5	
Height m. (Dir. Vel.)												
300												
600						10 30			340 11			
1000						30 28			30 13		40 12	
1500						350 15			30 22		350 10	
2000												
3000						320 5					340 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.

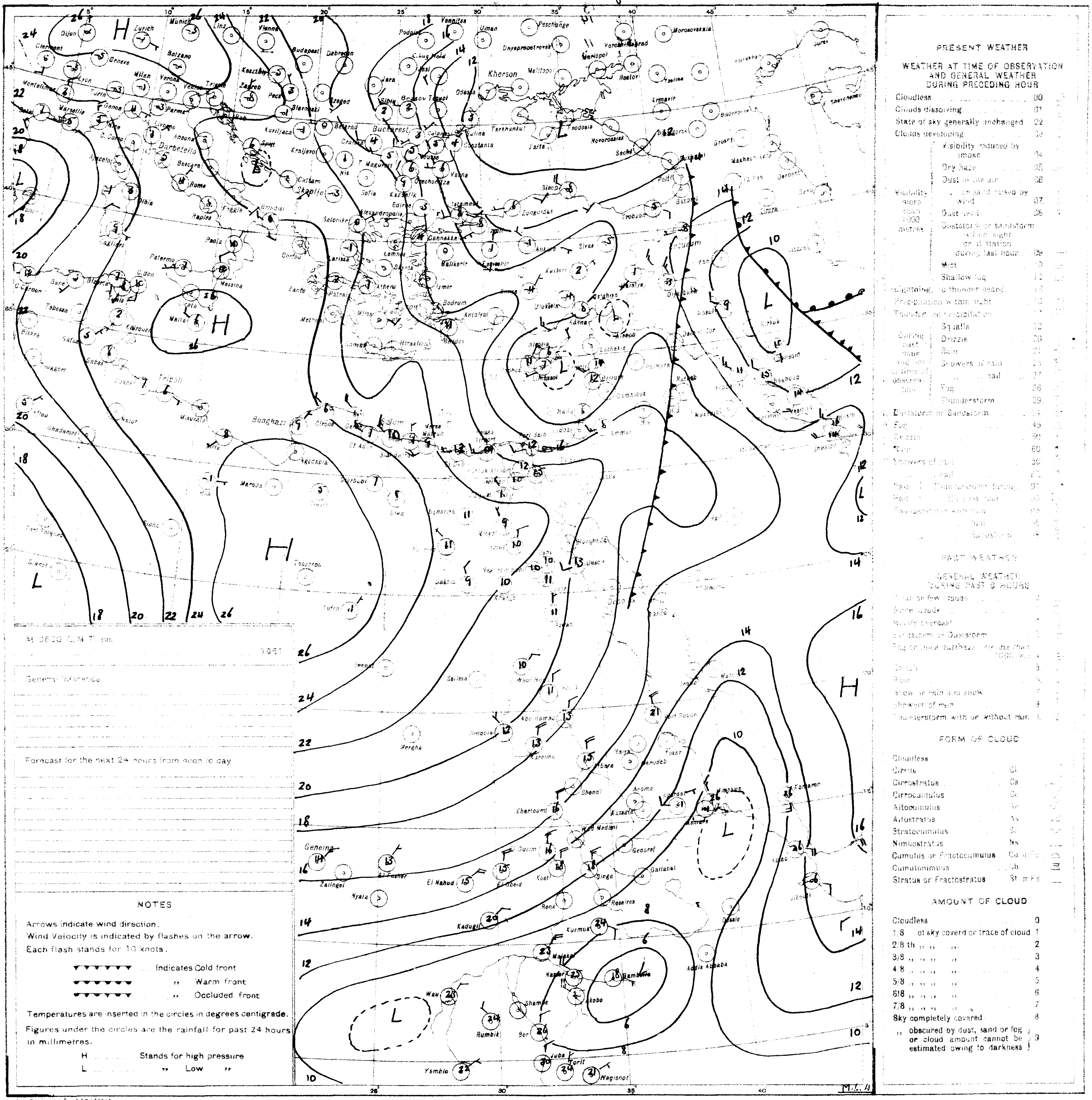
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/357)-(50/337)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 23/2/1952



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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 28 G. M. T.
" " Sunset 15 50 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Sunday 24th February, 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.
Mediterranean	62300	SALÛM	320	9	15	02	2	6	Cu,Sc	20.6	15	48	4
	303	SÎDI BARÂNI	290	12	18	02	2	5	Cu,Sc	20.4	15	55	6
	306	MATRÛH	290	16	30	03	2	6	Cu,Sc	20.9	14	52	4
	309	EL DABA	320	8	35	01	1	3	Cu		16	59	8
		ALEXANDRIA	220	11	50	02	2	8	St	20.2	14	67	8
	318	FOUAD (Airport)	230	15	18	02	2	7	NS	20.1			6
	330	DAMIETTA	320	5	35	01	1	2	Sc	19.6	16	49	5
	333	PORT SAÎD	260	10	30	01	1	3	Sc	19.2	16	59	8
	336	EL ARISH	290	10	30	01	1	3	Cu	19.1	16	59	8
Lower Egypt	339	DAMANHUR	270	9	15	02	6	7	Ac	19.8	15	59	7
	342	MANSURA	320	5	35	03	2	6	Sc,Cu	19.2	17	52	7
	348	TANTA	310	5	35	06	2	6	Cu	19.4	17	60	9
	354	ZAGAZIG	220	1	50	03	1	3	Cu	19.9	16	68	10
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	320	10	30	02	2	5	Sc	20.8	16	49	5
	372	ALMÂZA	270	8	15	02	2	4	Sc	19.8	17	42	4
		EZBEKIYA											
		GÎZA	270	6	18	02	1	7	Cu,Ac	19.1	18	37	3
	378	HELWÂN	00	0	35	03	2	6	Cu	20.2	17	42	4
Upper Egypt	381	FAIYÛM	00	0				1	St	21.1	18	37	3
	387	MINYA	350	10	8	00	1	0	—	20.3	19	30	1
	393	ASYÛT MANGABAD	320	12	30	01	1	1	Cu	19.8	18	40	4
	399	NAG HAMMADI	270	2	15	01	0	1	Sc	17.8	23	44	10
	402	QENA	240	5	50	00	0	0	—	17.8	22	44	9
	405	LUXOR	360	5	30	00	0	0	—	17.6	23	32	5
	414	ASWÂN	20	5	35	06	3	0	—	17.0	21	27	1
Oases	417	SÎWA	300	9	14	03	0	3	Ci	23.4	16	26	-4
	420	BAHARIYA	360	2	35	02	0	0	—	21.5	17	42	4
	423	FARAFRA	340	6	35	02	2	1	Cu	22.7	17	42	4
	432	DAKHLA	360	11	50	00	0	0	—	21.1	18	28	-1
	435	KHARGA	360	4	15	01	1	1	Ci	20.0	19	37	4
Red Sea		SUEZ	360	2	50	03	0	2	Sc	18.8	19	30	1
		TOR											
		HURGHADA	350	14	30	02	1	1	Cu	18.1	19	56	10
		QUSEIR	360	13	15	00	0	3	Ac	18.2	19	32	2
	641	PORT SUDÂN	20	18	7	07	2	3	Sc	13.0	24	54	14
		WÂDI HALFA	20	14	7	06	0	0	—	17.1	20	21	-3
		ABU HAMAD	20	6	30	02	0	0	—		23	16	-4
		KAREIMA											
		ATBARA	360	14	7	07	1	3	Cs	10.5	25	10	-9
		KHARTUM	350	13	15	05	1	2	Ci	10.6	26	21	2
		KASSALA											
		WAD MEDANI	360	13	15	02	1	3	Ci		30	5	-13
		RENK											
		ROSEIRES											
		EL OBEID											
		EL FASHER											
		GENEINA	30	10	10	07	2	8	Cs		28	9	-8
S. Sudan		MALAKAL											
		WAU											
		JUBA											

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.
SALÛM												
SÎDI BARÂNI	320	15	15	02	0	1	Sc	20.0	13	44	1	0
MATRÛH	260	4	12	02	1	1	Cu,Sc	21.1	11	77	7	0
EL DABA	00	0	7	02	1	5	Cb		12	55	3	0
ALEXANDRIA	310	11	35	01	5	3	Ac	20.4	14	55	5	dr.
FOUAD (Airport)	250	7	12	02	1	3	Sc	20.1	12	72	7	0
DAMIETTA	290	5		03	2	6	Cu	19.9	14	67	8	0
PORT SAÎD	290	6	14	03	0	5	Sc	20.1	14	67	8	0
EL ARISH												
DAMANHUR	270	9	7	02	1	3	Ac	20.3	13	77	9	Rain
MANSURA	360	5		00	1	0	—	20.2	13	67	7	0
TANTA	220	2	7	03	2	8	NS	19.9	11	77	7	0
ZAGAZIG	220	1	35	02	1	0	—	20.2	12	77	8	0
ISMAILIA												
FAROUK (Airport)	360	4	12	01	2	2	Sc	20.3	13	63	6	0
ALMÂZA	360	6	12	03	1	4	Sc	20.4	14	55	5	0
EZBEKIYA												
GÎZA	00	0	12	02	1	3	Ac	20.0	13	67	7	0
HELWÂN	320	5	15	01	1	1	Sc,Cu	20.4	14	48	3	0
FAIYÛM	00	0	35	02	1	1	St	21.0	13	55	4	0
MINYA	20	1	8	00	0	0	—	20.5	12	51	2	0
ASYÛT	00	0	10	00	0	0	—	20.6	13	55	4	0
NAG HAMMADI	270	2	7	00	0	0	—	19.1	15	68	9	0
QENA	70	9	7	00	0	0	—	18.3	15	68	9	0
LUXOR	280	3	12	00	0	0	—	18.1	14	59	6	0
ASWÂN												
SÎWA	270	2	8	01	1	0	—	22.7	12	41	-1	0
BAHARIYA	320	2	15	02	0	0	—	21.8	12	55	3	0
FARAFRA												
DAKHLA	340	8	35	00	0	0	—	21.8	12	44	0	0
KHARGA	360	1	15	00	0	0	—	21.2	15	30	-3	0
SUEZ	00	0	35	01	0	0	—	21.2	15	48	4	0
TOR												
HURGHADA	340	16	12	02	0	0	—	19.8	14	52	4	0
QUSEIR	330	13	15	01	1	0	—	17.7	18	57	8	0
PORT SUDÂN	320	9	8	02	2	7	Sc,Cc	14.9	21	65	14	0
WÂDI HALFA	360	4	10	06	0	0	—	17.1	16	36	1	0
ABU HAMAD	360	3	30	02	0	0	—		19	17	-7	0
KAREIMA	320	7	10	05	0	0	—	15.1	16	20	-7	0
ATBARA												
KHARTUM	340	10	15	05	0	0	—	11.5	23	22	0	0
KASSALA		26	15	05	0	0	—	7.8	27	42	13	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	9	2	01	0	0	—	11.1	20	15	-8	0
EL FASHER												
GENEINA	10	6	10	02	1	0	—		23	13	-7	0
MALAKAL												
WAU												
JUBA	310	3	4	05	2	9	Cs	2.0	28	18	1	0

At 0600 on Sunday 24th February, 1952

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	Rain past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st	Station
																			SALUM
220	7	15	02	1	3	Cb	20.8		9	16		8		71	4	0	Rain		SIDI BARÂNI
230	9	15	01	0	1	Cu	21.3	+4.6	10	16		8		82	7	0	122		MATRÛH
250	2	15	02	1	2	Cb			10	16		6		76	6	0	204		EL DABA
310	10	50	03	2	5	NS	20.3	+3.4	14	16	-4	12	+1	55	5	dr.	154	167	ALEXANDRIA
230	10	18	02	1	4	Cu,Ac	20.6	+3.4	15	17	-2	10	0	63	8	dr.	Rain	130	FOUAD (Airport)
200	2	7	11	1	5	Ac	20.8	+4.4	8?	16	-3	7	-2	94	7	0	158	88	DAMIETTA
150	11	12	03	0	6	Ac	20.1	+3.1	12	17	-2	10	-2	88	10	0	83		PORT SAÎD
200	3	18	02	1	1	Cu	19.9	+2.8	12			7		63	5	0	Rain		EL ARISH
270	3	7	02	1	3	Ci	20.3	+3.8	11	16	-5	8	0	88	9	1	81	80	DAMANHUR
180	5	35	03	2	7	Sc	20.8	+4.3	10	19	-2	7	-1	88	8	0	49	39	MANSURA
220	2	7	03	2	8	NS	19.9	+3.0	9	19	-3	6	-1	88	7	0	64	31	TANTA
00	0	35	03	1	6		20.8	+3.8	9	19	-2	6	-1	88	7	0	30	20	ZAGAZIG
																			ISMAILIA
200	5	7	05	0	5	Sc,Ac	21.5		12	18		7		67	6	0	83		FAROUK (Airport)
70	3	6	05	0	0	—	21.3	+3.4	11	19	-2	8	-2	77	7	0	71		ALMÂZA
																		18	EZBEKIYA
00	0	12	02	1	2	Cu	21.2	+4.0	11	21	-1	4	-3	77	7	0	58	18	GÎZA
00	0	3	05	0	1	Ci	21.6	+4.2	10	18	-3	8	-1	76	6	0	59	19	HELWÂN
00	0	35	03	1	4	Ci	21.7	+4.8	11	20	-3	6	-2	77	7	0	23	6	FAIYÛM
360	5	8	00	0	0	—	21.1	+2.1	9	20	-2	4	-2	62	2	0	5		MINYA
300	5	10	00	0	0	—	21.6	+3.5	9	19	-3	4	-3	62	2	0	3		ASYÛT MANGABAD
00	0	7	00	0	0	—	19.6	+2.6	11	23	-1	5	-1	63	4	0	0.1		NAG HAMMADI
320	5	15	00	0	0	—	19.4	+3.1	11	24	-2	7	-2	63	4	0	2		QENA
200	4	30	00	0	0	—	19.1	+2.3	12	23		6		55	3	0	dr.		LUXOR
20	10	50	00	0	0	—	18.8	+1.7	13			10	-2	44	1	0	dr.		ASWÂN
00	0	14	00	0	0	—	23.0	+4.4	9	16	-6	4	-2	54	0	0	15	6	SÎWA
320	3	35	02	0	0	—	22.6	+4.9	10	17	-6	6	-1	62	3	0	1	7	BAHARIYA
																			FARAFRA
340	11	50	00	0	0	—	21.9	+3.8	10	19	-6	6	-1	38	-4	0	dr.		DAKHLA
00	0	15	00	0	0	—	20.4	+3.1	12	20	-6	7	-1	33	-4	0	dr.		KHARGA
360	2	50	00	0	0	—	20.0	+3.6	13	20	-2	7	-4	67	7	0	44	12	SUEZ
																		11	TOR
300	14	30	02	0	0	—	17.3	+0.6	14	19	-2	10	0	45	2	0	0		HURGHADA
330	13	15	02	0	0	—	17.4	+2.0	15	21	-3	14	-1	59	7	0	dr.	4	QUSEIR
320	10	10	01	1	1	Sc	14.5		21	25		18		53	11	0	211	93	PORT SUDÂN
										22									WÂDI HALFA
360	10	10	05	0	0	—			15	24		11		30	-3	0			ABU HAMAD
340	10	30	02	0	0	—	16.7		12	23		9		44	0	0	dr.	1	KAREIMA
360	14	10	07	0	0	—	12.5		16	27				36	1	0	0	2	ATBARA
340	13	10	05	0	0	—	13.9		15	29		12		32	-2	0	0.6	4	KHARTUM
										34								8	KASSALA
360	2	15	02	0	0	—	14.1		15	31		9		25	-5	0	20	12	WAD MEDANI
310	13	35	02	0	0	—	11.4		24	35		16		21	0	0		49	RENK
																		36	ROSEIRES
360	8	4	06	0	0	—	15.6		13	27		9		22	-8	0	15	16	EL OBEID
10	3	10	05	0	1	Ci			11	27		7		33	-5	0	13	6	EL FASHER
50	10	10	03	1	7	Cs			13	30		11		24	-7	0		4	GENEINA
																		88	MALAKAL
260	7	10	04	2	7	Cs	11.3		19?	34		18		28	0	0	153	149	WAU
00	0	4	05	1	8	Ac,Cs	10.9		24	37		17		30	5	0	228	157	JUBA

Station	On 23rd	Diff. from normal
Alexandria	49	-16
Ezbekiya		
Giza	64	-2
Helwan	55	+5

GIZA
Grass minimum temp.
On 24th 1.5

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE — FAROUK AIRPORT / AIRPORT / 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						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					

Remarks

UPPER WIND OBSERVATIONS on 23rd

Station	Almaza		Minya		Siwa		Port Said		Asyut		Dakhla		Kharga		S. Barani		Hurghada						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	300	9	10	6	280	41	300	13	310	20	340	13	10	23	300	10	350	12					260	8	310	13
600	300	10	20	6	270	38	290	14	330	10	340	11	10	26	310	12	350	11					280	9	310	10
1000	290	9	50	10	270	11	290	19	340	16	340	10	10	25	310	14	330	16					260	12	320	6
1500	300	12	40	14	340	7	280	17	20	10	350	11			300	23	320	23					230	12	40	13
2000	270	13	60	23	310	10	280	18	330	7					310	17										
3000	260	26							230	10																
4000									250	20																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Almaza	
Time			5		2		2		5		2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			290	10	300	10	270	10	240	5	250	5
600			320	13	310	10	200	13	330	4	300	17
1000			330	13	310	10	300	13	280	14	290	14
1500			330	15			310	19	290	9	320	11
2000			340	16					330	4	260	8
3000									240	19		
4000									250	22		
5000									250	21		
6000												
7000												
8000												

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time							6		4		4		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							10	20	10	19														
600							10	24	20	24	10	23	30	20									10	31
1000							10	24	30	29	40	17	30	18					10	25	360	13	20	65
1500							10	21	30	23	260	3	30	11					50	15	330	9		
2000																			50	11	90	22		
3000									350	14	250	16	260	9					330	8				
4000																								
5000																			310	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.

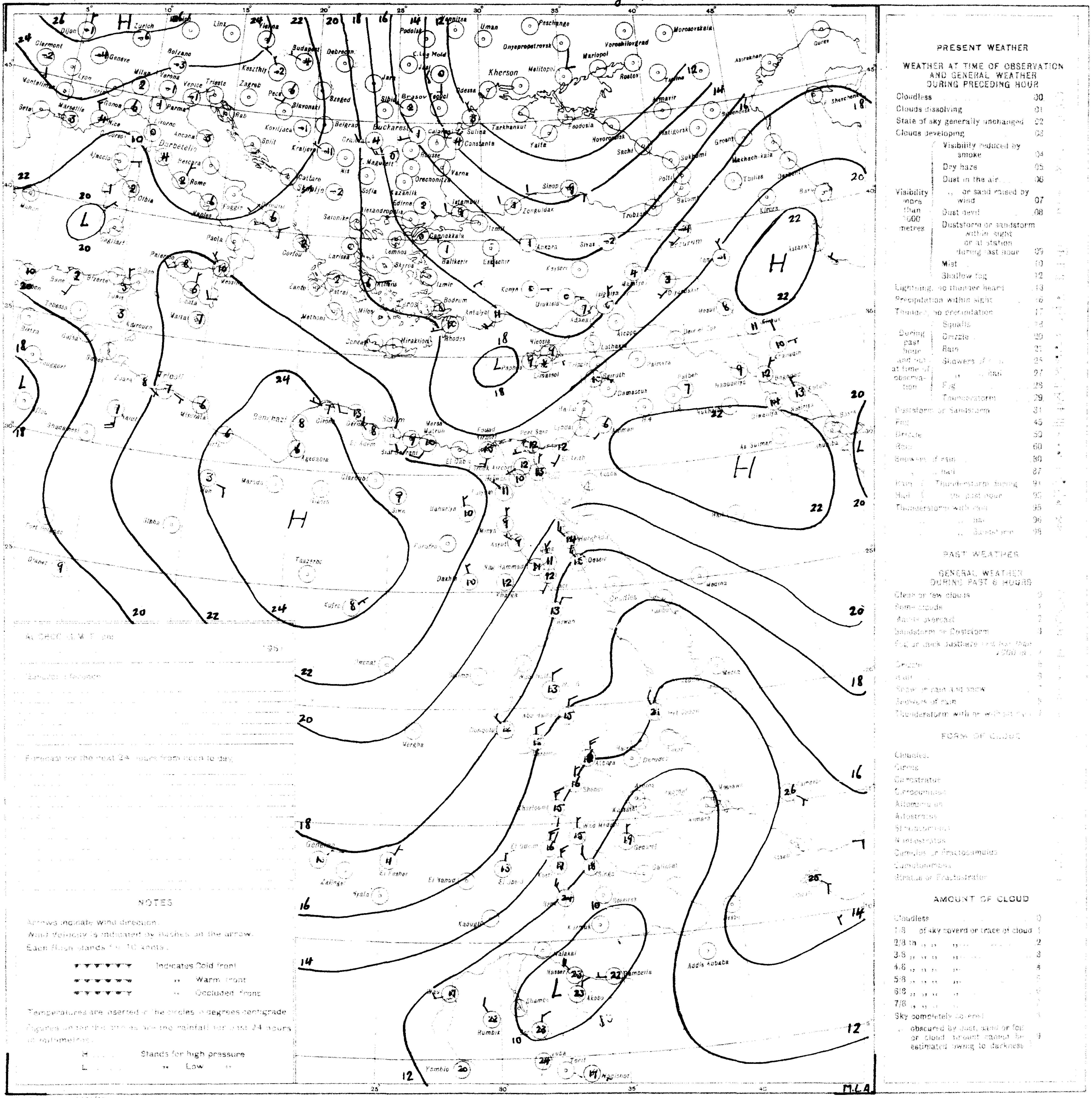
Note: All times are G.M.T.

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 24/2/1952



SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 27 G.M.T.
" " Sunset 15 50 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 25th February, 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	35	02	1	5	Cu, SC	20.8	17	60	9
	303	SÎDI BARÂNI	300	8	18	02	1	4	Cu	20.6	17	56	8
	306	MATRÛH	320	8	18	01	1	3	Cu	21.0	17	56	8
	309	EL DABA	320	6	35	02	1	4	cb		16	59	8
		ALEXANDRIA	360	15	50	01	2	3	Cu	20.2	16	59	8
	318	FOUAD (Airport)											
	330	DAMIETTA	320	5	35	01	1	1	Cu	20.0	16	59	8
	333	PORT SA'ID	330	6	30	03	2	3	Cu, AC	19.3	16	59	8
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	40	5	15	02	1	4	Cu	19.9	18	46	6
	342	MANSURA	360	5	35	02	1	3	Cu	19.8	18	60	10
	348	TANTA	310	8	35	03	2	7	Cu	19.2	18	46	6
	354	ZAGAZIG	00	0	50	01	1	3	Cu	19.5	19	52	9
	441	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)	320	8	30	01	2	4	Cu	20.3	17	49	6
	372	ALMAZA	20	5	30	01	1	5	SC	19.6	17	42	4
		EZBEKIYA	360	4	18	02	1	4	Cu	19.6	19	40	5
		GIZA	360	4	18	02	1	4	Cu	19.1	18	46	6
	378	HELWÂN	340	2	15	03	1	6	Cb	20.0	17	42	4
UPPER EGYPT	381	FAIYÛM											
	387	MINYA	360	10	10	00	1	0	—	19.9	18	30	0
	393	ASYÛT MANQABÂD	310	12	30	00	0	0	—	19.1	18	34	2
	399	NAG' HAMMÂDI	220	2	15	00	0	0	—	17.5	21	41	7
	402	QENA	240	5	50	00	0	0	—	16.0	24	21	0
	405	LUXOR	340	6	30	00	0	0	—	16.2	21	18	-4
	414	ASWÂN	320	8	35	00	0	0	—	15.6	23	24	1
OASES	417	SÎWA	270	5	14	03	1	4	Cu	22.3	18	40	4
	420	BAHARÎYA	360	4	35	02	0	0	—	20.7	17	52	7
	423	FARAFRA	320	1	35	02	0	0	—	22.3	18	52	8
	432	DAKHLA	340	11	50	00	0	0	—	21.0	17	18	-8
	435	KHARGA											
RED SEA	450	SUEZ	360	2	50	03	0	5	SC	18.0	17	42	4
	459	TÛR	360		50	02	0	0	—	15.4	20	46	8
	462	HURGHADA	340	22	30	02	0	0	—	15.2	20	41	6
	465	QUSEIR	360	19	15	02	0	0	—	16.7			
	641	PORT SUDÂN	20	15	10	06	0	1	SC	12.6	25	54	15
NORTH SUDAN	600	WÂDI HALFA	350	15	30	02	0	0	—	16.3	23	18	-3
	640	ABU HAMAD	360	5	30	02	0	1	Ci		26	18	0
	660	KAREIMA	50	13	30	02	0	0	—	12.8	26	16	-2
	680	'ATBARA	360	11	10	07	0	0	—	9.9	28	16	0
	721	KHARTÛM	10	9	15	05	0	0	—	10.6	28	10	-6
	730	KASSALA	340	5	30	02	0	0	—	4.9	34	32	15
CENTRAL SUDAN	751	WÂD MEDANI	360	5	15	02	0	0	—	7.5	32	13	0
	801	RENK	310	12	35	02	0	2	Ci	8.9	31	11	-3
	802	ROSEIRES	360	2	35	02	0	0	—	6.9	33	6	-9
	771	EL OBEID	360	10	4	05	0	0	—	10.6	25	7	-14
	760	EL FÂSHER	70	4	15	02	1	6	Ci		27	9	-9
	770	GENEINA	50	5	15	05	2	7	Cs		27	8	-10
S. SUDAN	840	MALAKÂL	20	16	10	05	2	8	Cs	5.8	33	23	9
	880	WÂU	20	8	7	04	2	8	Cs	6.3	33	8	-5
	941	JUBA	360	7	10	05	2	8	Cs	5.0	34	29	13

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.
SALUM												
SÎDI BARÂNI	330	4		01	2	1	SC	20.4	14	59	6	0
MATRÛH	240	3	12	02	0	1	Cu	21.6	12	82	9	0
EL DABA												
ALEXANDRIA												
FOUAD (Airport)	00	0	12	01	1	1	SC	20.7				0
DAMIETTA	320	5		02	1	1	Cu	20.2	13	88	11	0
PORT SA'ID	340	4	15	02	1	0	—	19.6	15	77	11	0
EL 'ARISH												
DAMANHUR	00	0	15	02	1	0	—	19.9	13	77	9	0
MANSURA	340	5		03	2	5	Cu	20.6	13	77	9	0
TANTA	00	0	35	02	1	0	—	19.6	11	88	9	0
ZAGAZIG												
ISMA'ILIA												
FAROUK (Airport)	40	2	12	00	1	0	—	20.7	14	67	8	0
ALMAZA	20	3	12	00	0	0	—	20.1	14	67	8	0
EZBEKIYA	00	0	12	00	0	0	—	19.5	14	59	6	0
GIZA	00	0	12	00	0	0	—	19.8	14	67	8	0
HELWÂN	340	3	15	02	0	0	—	20.4	14	55	5	0
FAIYÛM	00	0	35	01	1	1	St	20.8	14	55	5	0
MINYA	340	2	8	00	0	0	—	20.0	10	50	0	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	19.4	12			0
NAG' HAMMÂDI	270	3		00	0	0	—	18.0	15	55	6	0
QENA	270	5	7	00	0	0	—	17.2	16	32	-1	0
LUXOR	300	9	12	00	0	0	—	16.9	15	27	-4	0
ASWÂN	360	5	15	00	0	0	—	17.2	19	30	1	0
SÎWA	00	0	8	01	1	0	—	21.8	14	55	5	0
BAHARÎYA	00	0	15	02	0	0	—	21.0	13	67	7	0
FARAFRA	320	1	35	02	0	0	—	21.5	11	63	4	0
DAKHLA	320	8	35	00	0	0	—	21.8	11	41	-2	0
KHARGA	360	1	15	00	0	0	—	21.0	14	48	3	0
SUEZ	360	1	35	01	0	0	—	19.1	14	67	8	0
TÛR												
HURGHADA	340	24	12	02	0	0	—	16.4	15	45	3	0
QUSEIR	330	19	15	02	0	0	—	16.2	20	41	6	0
PORT SUDÂN	40	8	30	02	0	0	—	14.3	23	61	15	0
WÂDI HALFA	360	4	30	02	0	0	—		20	23	-2	0
ABU HAMAD	340	14	30	02	0	0	—	14.2	21	14	-8	0
KAREIMA	350	7	30	02	0	0	—	15.1	23	18	-3	0
'ATBARA	360	7	15	05	0	2	Ci	11.1	23	15	-5	0
KHARTÛM	220	3	30	02	0	0	—	8.5	25	36	9	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	50	8	15	02	2	6	Cs		23	12	-8	0
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 25th February, 1952

Station	Wind 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	260	4	15	02	1	2	Sc, Cs	21.0		8	17		7		76	4	0	109	
MATRÛH	210	5	18	03	1	3	Sc, Cu	21.8	+5.1	10	17		7		88	8	0	122	
EL DABA																			
ALEXANDRIA	180	1	35	04	2	4	SC	21.2	+4.3	14			11	-1	67	8	0	154	168
FOUAD (Airport)	220	5	12	01	1	2	SC	21.2	+4.0	12	18	-1	7	-3	88	10	0	Rain	130
DAMIETTA	220	2	7	11	0	0	—	21.4	+5.0	12	16	-3	9	0	94	11	0	158	89
PORT SA'ID	330	6	15	01	1	2	SC	21.0	+4.0	15	17	-2	12	0	68	9	0	83	
EL 'ARISH																			
DAMANHÛR	270	5	50	02	0	0	—	21.0	+4.6	10	19	-2	7	-2	82	7	0	81	81
MANSÛRA	320	3	35	00	0	0	—	21.0	+4.5	10	20	-1	8	0	88	8	0	49	39
TANTA	00	0	35	02	0	0	—	20.8	+3.9	8	19	-3	4	-3	97	8	0	64	31
ZAGAZIG	00	0	35	02	0	0	—	21.6	+4.6	9			5	-2	88	7	0	30	20
ISMA'ILIA																			
FAROUK (Airport)	260	2	6	05	1	3	Cb, cc	22.5		10	19		7		88	8	0	83	
ALMÀZA	00	0	10	00	0	0	—	21.9	+4.1	10	18	-3	4	-6	94	9	0	71	
EZBEKÎYA	00	0	12	00	0	0	—	21.8	+4.7	11	20	-3	8	-1	82	8	0	60	18
GÎZA	00	0	12	00	0	0	—	21.2	+4.0	11	19	-3	5	-2	77	7	0	58	18
HELWÂN	00	0	3	00	1	2	Ac, cc	22.4	+5.1	10	18	-3	8	-2	88	8	0	59	19
FAIYÛM	00	0	35	02	0	0	—	22.0	+5.1	11	20	-3	7	-1	77	7	0	23	6
MINYA	340	3	8	00	0	0	—	21.0	+2.1	9	19	-3	3	-3	71	4	0	5	
ASYÛT MANQABÂD	280	4	8	10	0	0	—	21.2	+3.2	9	18	-4	6	-1	76	5	0	3	
NAG' HAMMÂDI											22	-2							
QENA	320	5	15	00	0	0	—	19.6	+3.4	12	25	-1	6	-3	63	5	0	2	
LUXOR	190	4	30	00	0	0	—	18.9	+2.1	12	24		6		55	3	0	dr.	
ASWÂN	340	3	50	00	0	0	—	20.0	+3.0	13	24	-3	9	-3	34	-3	0	dr.	
SÎWA	00	0			0	0	—	22.4	+3.8	9	19	-3	6	0	62	2	0	25	6
BAHARÎYA	00	0	35	02	0	0	—	22.2	+4.6	12	19	-4	4	-3	77	8	0	1	7
FARAFRA	220	1	35	02	0	0	—	22.4		7	19		3		71	2	0	Rain	
DAKHLA	00	0	50	00	0	0	—	22.3	+4.3	6	18	-7	3	-5	71	1	0	dr.	
KHARGA	00	0	15	00	0	0	—	21.4	+4.1	10	20	-6	4	-4	50	0	0	dr.	
SUEZ	360	1	50	00	0	0	—	20.4	+4.0	14	21	-1	7	-4	67	8	0	44	12
TÛR																			11
HURGHADA	320	17	18	02	0	0	—	17.0	+0.4	13	20	-1	10	0	63	6	0	0	
QUSEIR	360	13	15	02	0	0	—	17.2	+1.8	14	21	-3	12	-3	67	8	0	dr.	4
PORT SUDÂN	340	13	30	02	2	6	SC	15.2		21	26		21		69	15	0	211	93
WÂDI HALFA	20	5	30	01	0	1	CS	19.8		11	24		7		41	-2	0	dr.	
ABU HAMAD	360	11	30	02	0	0	—			15	27		12		25	-5	0		
KAREIMA	20	11	30	02	0	0	—	16.5		15	27		12		25	-5	0	dr.	1
'ATBARA	360	13	10	07	0	1	CS	14.0		18	30		15		30	0	0	0	2
KHARTÛM	350	9	15	05	1	1	Ci	14.5		16	29		13		28	-3	0	0.6	4
KASSALA	30	8	30	03	1	3	CS	10.0		22	35		17		65	15	0	49	8
WÂD MEDANI																			12
RENK	310	9	35	02	0	0	—	13.0		18	33		14		30	0	0		49
ROSEIRES																			36
EL OBEID	360	11	10	03	0	1	Ci	14.7		15	27		11		32	-2	0	15	16
EL FÂSHER	30	6	30	03	1	6	Ci			12	29		10		38	-2	0	13	6
GENEINA	40	7	30	02	2	8	Ac, Cs			15	30		12		27	-4	0		4
MALAKÂL	20	14	10	05	1	0	—	10.3		22	35		17		25	1	0	94	68
WÂU	340	5	7	04	2	5	CS	10.9		20	35		17		24	-1	0	153	149
JUBA	50	5	35	02	1	1	Ci	9.2		19	35		14		32	2	0	228	157

HUMIDITY % Mean of day

STATION	on 24th	Diff. from normal
Alexandria	55	-10
Ezbekiya	56	-5
Gîza	65	-1
Helwân	57	+8

GÎZA GRASS MINIMUM TEMP. ON 25th 2.2 °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					

..... AIRPORT; On ..... At .....

Pressure 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.	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Minya 20 Dir.	Minya 20 Vel.	Port Said 20 Dir.	Port Said 20 Vel.
Time	14		14		14		14		14		13					
300	320	14	350	13	320	6	350	13	330	13	340	23	360	12	350	7
600	300	10	350	12	330	11	350	16	330	17	330	22	360	16	350	7
1000	320	7	340	16	340	13	360	8	340	19	330	19	360	13	350	7
1500	310	4	310	15	340	16	40	10	350	25			330	20	330	9
2000	40	6			340	16			340	17			340	18		
3000	60	9			320	19										
4000	300	13														
5000	260	21														
6000	260	36														
7000																
8000																

UPPER WIND OBSERVATIONS on 25th

Height m.	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.
Time							2						2				4 30		8			
300							320	11					20	18			320	6	360	6		
600							340	14					10	17			340	11	360	15		
1000							350	12					340	25			350	17	350	10		
1500							350	9					340	29			360	18	330	12		
2000							300	7									360	4				
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

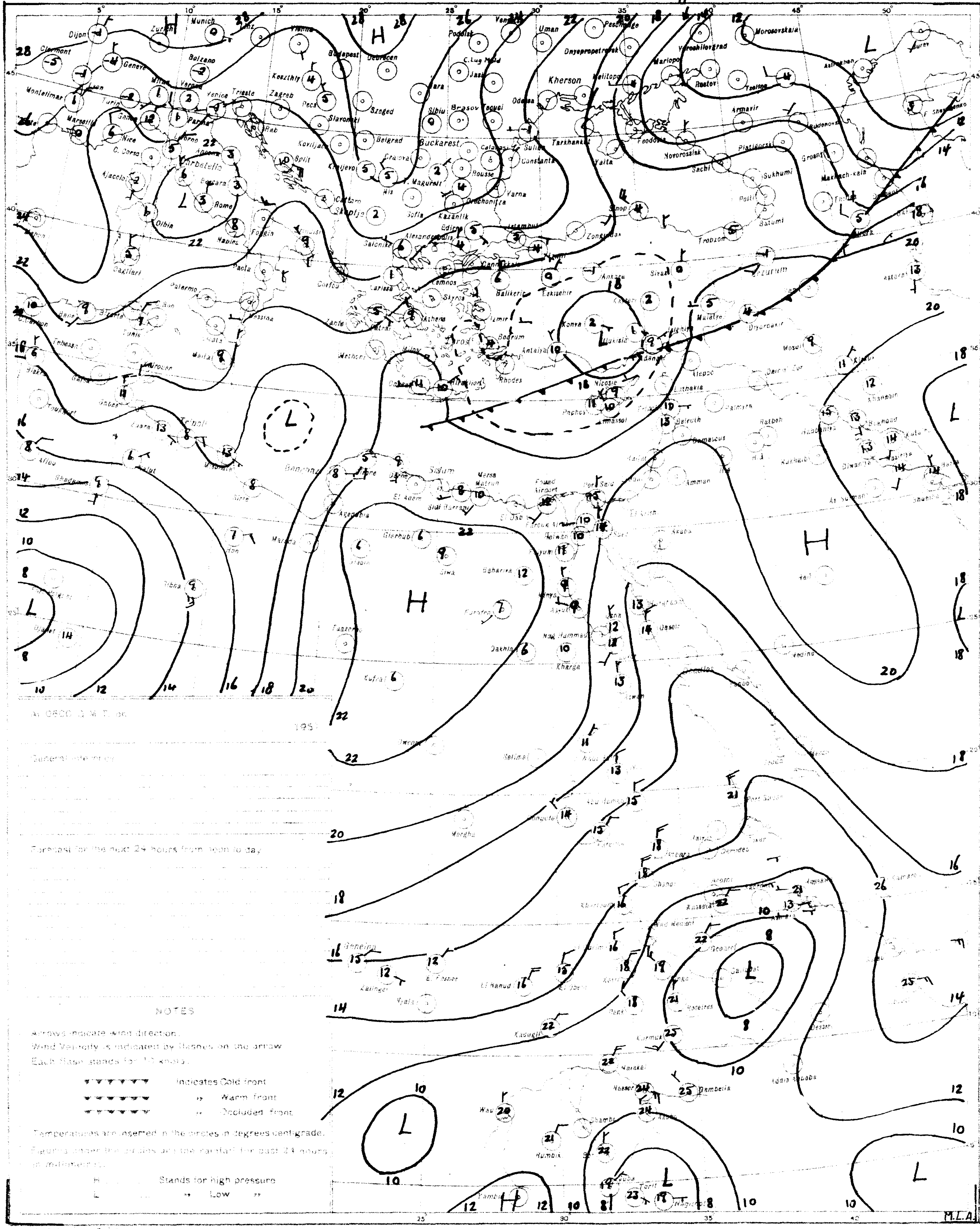
Height m.	Siwa Dir.	Siwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time									4		4				5				4		5		4	
300									10	13														
600									20	23	20	24			210	17							20	34
1000									20	25	30	17			30	34			30	29	30	11	70	30
1500									10	23	340	11			20	21			70	15	350	4	170	8
2000																					360	8	60	19
3000									340	10	280	27			250	11					310	7		
4000											260	29												
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 Monday 25/2/1952



At 0600 G.M.T. on 195

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

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 .. 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	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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

S.O.C. 1949(49)/5521(50/531)

CAIRO
Time of Sunrise 04 26 G.M.T.
" " Sunset 15 51 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 26th February, 1952

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	SALŪM											
	303	SĪDI BARĀNI	330	6	18	02	1	3	Cu	20.6	16	59	8
	306	MATRŪH	320	5	18	02	1	4	Sc, Cu	20.7	16	59	8
	309	EL DABʿA	320	6	35	03	2	6	Sc, Cu		16	59	8
		ALEXANDRIA	310	9	50	02	2	4	Cu	20.0	17	60	9
	318	FOUAD (Airport)	290	13	18	02	2	6	Cu, Sc	19.9	16	56	7
	330	DAMIETTA	220	5	35	03	1	2	Cu	19.9	19	52	9
	333	PORT SAʿĪD	10	4	50	02	0	1	Cu	20.5	16	68	10
	336	EL ʿARISH											
LOWER EGYPT	339	DAMANHUR	40	9	15	02	1	6	Cu	20.2	17	60	9
	342	MANSURA	360	5	35	03	2	4	Cu	19.8	19	46	7
	348	TANTA	00	0	35	03	2	6	Cu	19.5	19	46	7
	354	ZAGAZIG	320	1	50	03	1	3	Cu	19.0	18	60	10
	441	ISMAʿILIA											
CAIRO AREA	366	FAROUK (Airport)	70	8	30	03	1	4	Sc	20.1	17	52	7
	372	ALMAZA	360	8	30	02	1	4	Cu	19.2	18	46	6
		EZBEKIYA	00	0	18	02	1	7	Cu	19.2	19	43	6
		GĪZA	00	0	18	02	1	7	Cu	19.1	20	41	6
	378	HELWĀN											
UPPER EGYPT	381	FAIYUM	00	0	35	03	0	2	Cu, Sc	19.2	18	52	8
	387	MINYA	340	9	10	03	0	1	Ci	19.4	19	43	6
	393	ASYŪT MANQABAD	350	7	30	03	0	1	Ci	17.6	19	37	4
	399	NAGʿ HAMMADI	320	3	15	00	0	0	—	17.5	21	74	16
	402	QENA	290	2	50	00	0	0	—	17.2	23	38	8
	405	LUXOR	320	5	30	00	0	0	—	17.0	21	27	1
	414	ASWAN	20	6	50	00	0	0	—	17.2	20	33	3
OASES	417	SĪWA	00	0	14	00	0	0	—	21.8	20	35	4
	420	BAHARIYA	00	0	35	02	0	0	—	21.1	18	52	8
	423	FARAFRA	00	0	35	02	2	2	AC	21.4	20	56	11
	432	DAKHLA	360	11	50	00	0	0	—	21.0	18	37	3
	435	KHARGA	360	1	15	00	0	0	—	19.5	20	33	3
RED SEA	450	SUEZ	360	1	50	03	1	5	Sc	18.3	18	46	6
	459	TŪR											
	462	HURGHADA	360	16	30	03	0	1	Ci	16.2	18	56	9
	465	QUSEIR	360	13	15	02	0	0	—	16.3	20	46	8
		PORT SUDĀN											
		WĀDI HALFA											
		ABU HAMAD											
		KAREIMA	70	10	30	02	0	1	Ci	13.6	25	19	0
		ATBARA	10	11	30	01	1	0	—	10.7	29	23	6
		KHARTUM	360	12	30	02	0	1	Ci	11.0	27	11	-6?
		KASSALA	20	6	30	01	2	3	Cs	6.6	31	36	14
		WAD MEDANI	310	5	35	02	0	0	—	7.6	31	16	2
		RENK	310	9	35	02	0	0	—	8.5	31	16	2
		ROSEIRES	230	2	35	02	0	0	—	6.5	33	6	-9
		EL OBEID	50	9	18	01	1	1	Ci	10.4	26	12	-6
		EL FASHER	20	5	30	02	1	6	Ci		24	15	-5
		GENEINA	50	8	30	02	2	8	Cs		27	8	-10
		MALAKĀL											
		WAU	20	10	10	04	2	0	—	7.1	31	19	5
		JUBA	50	5	10	05	0	0	—	4.8	35	10	-1

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
SĪDI BARĀNI	360	4	18	01	2	1	Cs	19.5	13	63	6	0
MATRŪH	00	0	12	00	0	0	—	20.7	11	82	8	0
EL DABʿA	00	0	7	00	0	0	—		12	77	8	0
ALEXANDRIA	360	10	35	00	0	0	—	21.0	14	67	8	0
FOUAD (Airport)	320	8	12	01	0	0	—	20.4	14	67	8	0
DAMIETTA	320	2	7	01	0	1	Cu	20.2	14	77	10	0
PORT SAʿĪD	10	6	15	02	0	3	Sc	20.2	16	59	8	0
DAMANHUR	40	9	15	02	0	0	—	20.2	12	77	8	0
MANSURA	20	5		00	1	0	—	20.8	14	77	10	0
TANTA	00	0	35	01	1	4	Cu	20.2	13	67	7	0
ZAGAZIG	320	1	35	02	1	0	—	20.2	14	67	8	0
FAROUK (Airport)	00	0	12	00	1	0	—	21.0	14	59	6	0
ALMAZA	320	5	12	01	0	0	—	20.7	14	59	6	0
EZBEKIYA	00	0	12	00	0	0	—	19.9	15	55	6	0
GĪZA	00	0	12	00	0	0	—	20.2	13	67	7	0
FAIYUM	00	0	35	01	0	0	—	20.2	12	77	8	0
MINYA	360	4	8	01	0	0	—	19.7	10	67	4	0
ASYŪT	300	6	8	00	0	0	—	19.7	12	77	8	0
NAGʿ HAMMADI	270	1	7	01	0	2	Sc	18.0	16	59	8	0
QENA	320	9	7	03	1	3	Ci	17.4	16	52	6	0
LUXOR	00	0	12	00	0	0	—	17.6	16	42	3	0
ASWAN	00	0	15	00	0	0	—	17.4	16	32	-1	0
SĪWA	00	0	8	00	0	0	—	20.7	13	63	6	0
BAHARIYA	00	0	15	02	0	0	—	21.0	14	55	5	0
FARAFRA	90	2	15	02	2	0	—	21.5	14	67	8	0
DAKHLA	320	8	35	00	0	0	—	21.6	14	48	3	0
KHARGA	00	0	15	00	0	0	—	20.0	15	39	1	0
SUEZ	300	2	35	01	0	0	—	19.1	15	63	8	0
HURGHADA	340	17	12	02	0	0	—	17.1	14	59	6	0
QUSEIR	360	13	15	02	0	0	—	17.4	19	46	7	0
PORT SUDĀN	300	15	30	02	1	0	—	14.9	21	69	15	0
WĀDI HALFA	20	1	50	02	0	2	Cs	16.9	17	32	0	0
ABU HAMAD	360	9	30	02	0	0	—		19	21	-4	0
KAREIMA	340	12	30	02	0	0	—	13.7	21	23	-1	0
ATBARA	340	4	30	02	0	0	—	11.8	21	33	4	0
KHARTUM	360	9	30	02	0	0	—	11.3	23	22	0	0
KASSALA	360	6	30	02	1	0	—	9.2	25	39	10	0
EL OBEID	10	5	30	01	1	1	Ci	11.8	20	19	-4	0

At 0600 on Tuesday 26th February, 1952

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																			
SIDI BARĀNI	190	3	15	02	0	2	AC	18.6		9	18		7		76	5	0	109	
MATRŪH	240	6	12	01	2	5	Ac, Ci	19.2	+2.5	11	17		7		82	8	0	122	
EL DABʿA	00	0	15	03	2	8	St			9	18		6		88	7	0	204	
ALEXANDRIA	00	0	35	04	0	8	AS	20.2	+3.4	12	19	-1	11	-1			0	154	169
FOUAD (Airport)	200	5	12	03	0	4	Sc, Cs	20.0	+2.9	11	16	-3	7	-3	94	10	0	Rain	131
DAMIETTA	200	2	7	11	1	5	AC	20.8	+4.4	10			8	-1	97	10	0	158	90
PORT SAʿĪD	280	4	14	03	0	3	Sc, Ci	20.4	+3.5	16	18	-1	12	0	68	10	0	83	
EL ʿARISH	180	3	30	03	1	3	Cu, Ci	19.7	+2.7	12			8		88	10	0	Rain	
DAMANHUR	230	5		02	1	1	Ci	19.9	+3.5	11	18	-3	8	-1	88	9	0	81	82
MANSURA	320	5	35	03	2	6	AS	20.6	+4.1	11	21	0	7	-1	88	9	0	49	40
TANTA	00	0	35	03	2	6	Cu	19.6	+2.8	7	21	-1	4	-3	97	7	0	64	32
ZAGAZIG	00	0	35	02	0	0	—	20.3	+3.3	9	20	-1	6	-1	88	7	0	30	21
ISMAʿILIA																			
FAROUK (Airport)	220	8	14	03	1	4	Ac, Ci	20.9		13	20		10		67	7	0	83	
ALMAZA	120	8	18	03	1	4	Sc, Cs	20.3	+2.5	12	19	-2	8	-2	77	8	0	71	
EZBEKIYA	00	0	12	02	1	3	AC	20.3	+3.2	12	20	-3	9	0	72	7	0	60	18
GĪZA	00	0	12	02	1	3	AC	20.0	+2.8	10	20	-2	5	-2	88	8	0	58	18
HELWAN																			19
FAIYUM	00	0	35	03	1	3	Ci			12	20	-3	7	-1	77	8	0	23	6
MINYA	360	3	8	03	0	1	Ci	19.6	+0.8	9	20	-2	3	-3	76	5	0	5	
ASYŪT MANQABAD	270	3	8	10	0	0	—	19.3	+1.4	9	20	-2	7	0	71	4	0	3	
NAGʿ HAMMADI	00	0	7	00	0	0	-	19.0	+2.1	11	22	-2	5	-1	77	7	0	0.1	
QENA	220	2	15	00	0	0	—	19.2	+3.1	11	23	-4	7	-2	77	7	0	2	
LUXOR	00	0	30	00	0	0	—	19.1	+2.4	11	22		5		54	2	0	dr.	
ASWAN	20	4	50	00	0	0	—	18.4	+1.5	13	22	-5	10	-2	55	4	0	dr.	
SĪWA	120	2	12	03	1	5	Sc, Ac	19.6	+1.0	11	21	-1	8	+2	63	4	0	25	6
BAHARIYA	00	0	35	02	0	0	—	21.1	+3.5	10	20	-3	4	-3	62	3	0	1	7
FARAFRA	220	1	35	02	0	0	—	21.1		5	22		2		81	2	0	Rain	
DAKHLA	00	0	50	00	0	0	—	20.4	+2.5	7	20	-6	4	-4	57	-1	0	dr.	
KHARGA	00	0	15	00	0	0	—	19.9	+2.7	10	21	-5	6	-3	62	3	0	dr.	
SUEZ	360	1	50	00	0	2	Cu	19.5	+3.1	13	20	-2	7	-4	67	7	0	44	12
TŪR																			11
HURGHADA	290	10	30	02	0	0	—	17.7	+1.2	16	19	-2	9	-1	39	2	0	0	
QUSEIR	330	13	15	02	0	0	—	17.0	+1.7	15	21	-3	14	-1	48	4	0	dr.	4
PORT SUDĀN	310	10	30	03	2	7	Sc	15.4		21	26		18		69	15	0	211	93
WĀDI HALFA	10	5	50	02	0	1	Cs	18.6		11	23		7		44	-1	0	dr.	
ABU HAMAD	10	5	30	02	0	0	—			15	27		12		20	-8	0		
KAREIMA	20	4	30	02	0	0	—	16.1		14	27		9		29	-4	0	dr.	1
ATBARA	360	9	30	02	0	1	Cs	15.1		18	29				32	·1	0	0	2
KHARTUM	340	8	30	03	0	3	Cs	13.6		18	30		15		20	-5	0	0.6	4
KASSALA	90	1	30	02	0	0	—	10.6		22	32		15		57	13	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES	310	2	35	02	0	0	—	11.9		26	34		17		9	-9	0	92	36
EL OBEID	350	12	30	03	0	2	Ci	14.7		16	27		12		20	-7	0	15	16
EL FASHER	20	4	30	03	1	7	Cs			12	27		7		26	-7	0	13	6
GENEINA	30	8	30	02	2	8	Cs			14	30		12		23	-7	0		4
MALAKĀL	20	2	30	02	0	0	—	11.3		23	35		20		27	3	0	94	88
WAU	360	2	10	04	1	0	—	11.9		20	33		16		37	4	0	153	149
JUBA	210	3	10	05	0	5	Ac, Cs	10.7		24	37		18		34	7	0	228	158

Station	25th	Diff. from normal
Alexandria	64	-1
[illegible]	64	+3
Giza	65	-1
Helwan		

On 26th 3.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

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

Remarks

UPPER WIND OBSERVATIONS on 25th

Station	Almaza		Hurghada		Siwa		Asyut		Minya		Dakhla		Kharga	
Time	14		14		14		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	5	340	16	210	6	300	10	350	9	340	11	360	16
600	350	6	340	18	210	5	320	12	340	11	350	11	10	18
1000	350	7	320	25	210	4	350	13	350	9	10	14	10	18
1500	40	17			180	7	360	13	350	5				
2000	120	7			170	2	340	15	330	11				
3000	300	6			240	5	320	28						
4000	270	15			300	19								
5000	270	16												
6000	280	48												
7000														
8000														

UPPER WIND OBSERVATIONS 26th

Station	Sidi Barani		Matruh		Fouad (Airport)		Port Said		El Arish		Helwan		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		Almaza	
Time			5				2						2				4 15						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	5			300	3					10	15			30	3					80	14
600			90	1			350	2					20	20			20	10					50	7
1000			330	9			350	3					30	16			10	9						
1500							310	5					40	24			340	11						
2000																	310	12						
3000																	280	5						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sīwa		Bahariya		Dakhla		Kharga		Wādi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakāl	
Time													5		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																								
600													50	21	10	21							20	34
1000													70	17	30	33			20	24	40	7	30	60
1500													30	9	50	6			100	9	90	11	100	9
2000															270	5								15
3000															280	17			310	12			80	11
4000															230	21								
5000															210	11								
6000															270	17								
7000															270	29								
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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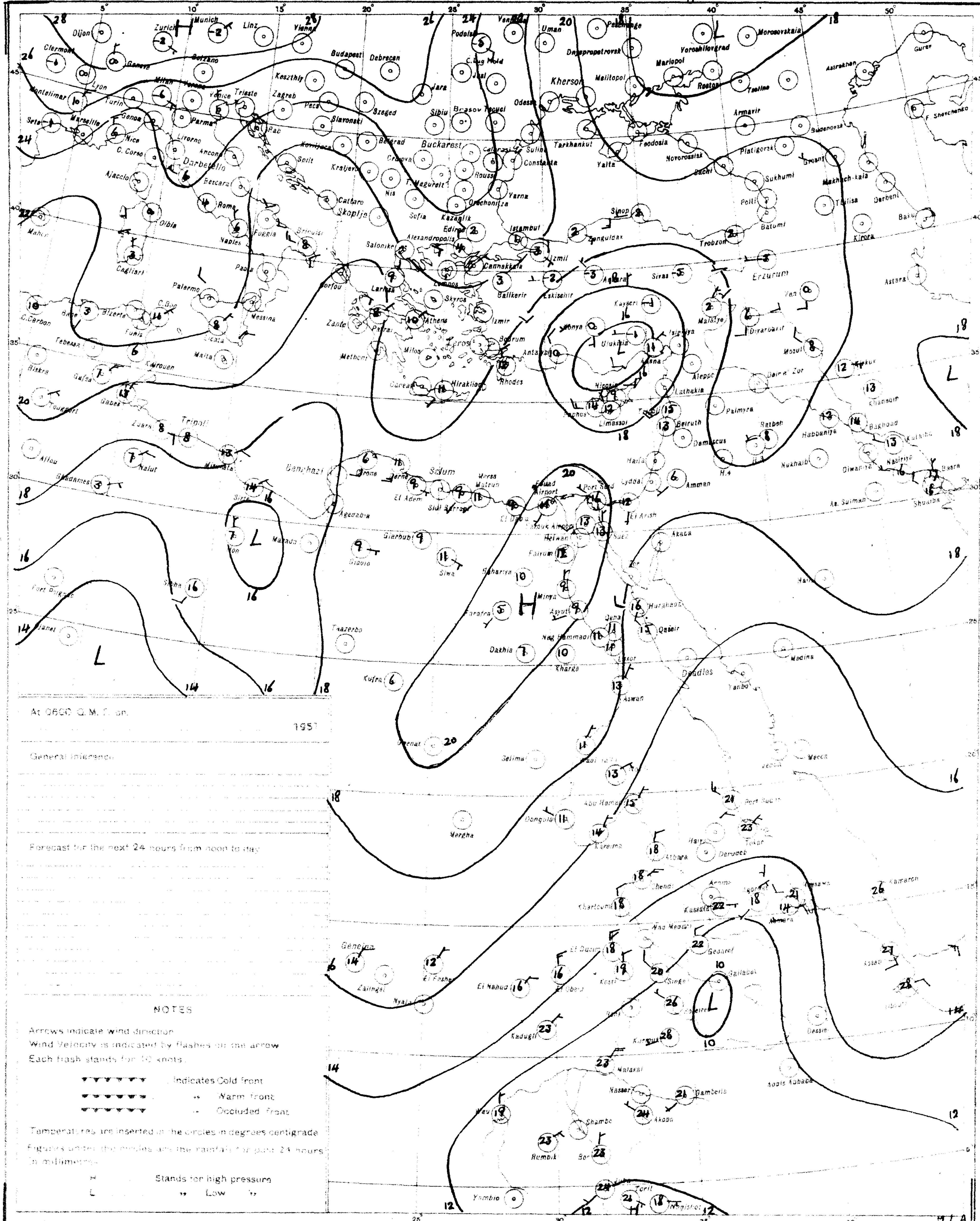
Annual Subscription P.T. 60

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 26/2/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd 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.ors 1949/49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 25 G.M.T.
" " Sunset 15 52 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 27th February, 1952

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	SALÛM	20	7	35	03	1	3	Cu, Ci	16.3	19	46	7
	303	SÎDI BARÂNI											
	306	MATRÛH											
	309	EL DAB'A	00	0	35	03	2	6	Sc, Cu		18	60	10
		ALEXANDRIA											
	318	FOUAD (Airport)	320	12	18	03	2	8	Cu, Sc	18.2	16	64	9
	330	DAMIETTA	140	2	15	03	1	7	NS	18.4	17	60	9
	333	PORT SA'ÎD	20	5	18	02	1	5	Sc, Ci	17.8	17	64	10
	336	EL ARISH											
Lower Egypt	339	DAMANHUR	270	5	15	02	1	3	Cu	18.0	19	52	9
	342	MANSURA	40	5	35	03	2	7	AS	17.8	19	52	9
	348	TANTA	00	0	35	03	2	8	NS	18.0	19	52	9
	354	ZAGAZIG	220	1	50	03	1	4	Cu	18.4	20	56	11
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	40	5	30	02	2	6	Ac, Ci		20	33	3
	372	ALMÂZA	360	9	18	02	2	6	Ac, Ci	17.0	19	43	6
		EZBEKIYA	40	4	18	02	1	6	Cu	17.2	22	36	6
		GÎZA	40	4	18	02	1	6	Cu	17.0	21	33	4
	378	HELWÂN	90	2	35	01	2	5	Ce	16.8	21	27	1
Upper Egypt	381	FAIYÛM	00	0	35	03	2	6	Ci	17.1	20	41	6
	387	MINYA	360	2	12	01	1	1	Ci	16.3	22	36	6
	393	ASYÛT MANQABAD	360	3	18	00	0	1	Ci	16.4	21	44	8
	399	NAG' HAMMADI	00	0	15	01	0	4	Sc, Ac	16.0	24	38	9
	402	QENA	320	2	50	03	1	4	Ci	15.8	24	32	6
	405	LUXOR											
	414	ASWÂN	320	4	50	01	1	2	Ci	14.7	25	17	-2
Oases	417	SÎWA											
	420	BAHARIYA	00	0	50	01	1	2		18.4	22	44	9
	423	FARAFRA	130	1	35	02	2	4	AC	18.4	22	50	11
	432	DAKHLA	340	8	50	00	0	0	—	17.8	23	24	1
	435	KHARGA	360	1	15	03	2	2	Ci	17.1	22	21	-1
Red Sea	450	SUEZ	360	1	50	03	0	5	Sc	16.6	20	41	6
	459	TÛR	00	0	50	02	0	0	—	15.8	19	46	7
	463	HURGHADA	20	9	30	02	0	0	—	15.4	20	53	10
	465	QUSEIR	20	13	15	00	0	2	Ci		21	57	12
	641	PORT SUDÂN	30	16	30	02	2	8	Cu, Cs	13.0	25	61	17
Northern Sudan	600	WÂDI HALFA	20	10	50	02	0	1	Ci	14.6	24	17	-3
	640	ABU HAMAD	360	3	30	02	2	8	Cs				-2
	660	KAREIMA	20	7	30	01	1	5	Cs	11.0	29	17	1
	680	ATBARA	340	8	30	03	1	5	Cs	8.9	30	13	-1
	721	KHARTUM	40	9	30	03	1	5	Cs	8.4	31	15	1
	730	KASSALA	50	4	30	02	0	0	—	4.6	35	27	13
Central Sudan	751	WAD MEDANI	360	2	35	02	0	2	Ci	7.1	33	19	6
	801	RENK	310	5	35	02	0	0	—	6.8	34	18	6
	822	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	70	5	30	02	2	5	Ci		29	10	-6
	770	GENEINA	00	0	30	02	2	8	Cs		32	4	-15
Southern Sudan	840	MALAKÂL	50	7	30	02	0	0	—	5.5	35	18	7
	880	WÂU	360	9	10	04	0	0	—	6.0	34	10	-2
	941	JUBA	360	7	10	05	0	0	—	3.6	37	13	4

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.
SALÛM												
SÎDI BARÂNI	90	8	18	01	1	0	—	15.9	14	67	8	0
MATRÛH	80	3	12	01	0	0	—	17.8	12	77	8	0
EL DAB'A	00	0	7	00	0	0	—		13	77	9	0
ALEXANDRIA	310	8		00	0	0	—	18.3	15	59	7	0
FOUAD (Airport)	340	3	12	01	0	0	—	18.1	13	82	10	0
DAMIETTA	320	2		01	0	2	Cu	18.3	14	88	12	0
PORT SA'ÎD	20	8	15	02	1	4	Ci	18.0	15	72	10	0
EL ARISH												
DAMANHUR	270	5	15	02	0	0	—	17.8	13	77	9	0
MANSURA	360	5		00	1	0	—	18.0	14	77	10	0
TANTA	00	0	35	01	1	4	Cu	18.7	14	77	10	0
ZAGAZIG	00	0	35	02	1	0	—	17.6	14	67	8	0
ISMAILIA												
FAROUK (Airport)	340	4	12	00	0	0	—	18.3	15	68	9	0
ALMÂZA	330	7	12	01	2	4	Sc, Ci	17.6	15	63	8	0
EZBEKIYA	360	4	12	02	1	1	AC	17.4	16	64	9	0
GÎZA	360	4	12	02	1	1	AC	17.8	14	67	8	0
HELWÂN	340	6	7	01	1	0	—	17.4	15	59	7	0
FAIYÛM	00	0	35	02	2	6	Ci	17.8	17	52	7	0
MINYA	20	1	8	00	1	1	AC	16.5	14	67	8	0
ASYÛT MANQABAD	240	3	10	00	0	0	—	16.6	16	49	5	0
NAG' HAMMADI	00	0		00	1	0	—	16.2	15	59	7	0
QENA	320	5	7	02	1	4	Ci	15.8	15	68	9	0
LUXOR	00	0	12	00	0	0	—	15.5	16	49	5	0
ASWÂN	00	0	15	00	0	0	—	14.6	20	17	-6	0
SÎWA	130	2	8	01	1	0	—	16.7	16	39	2	0
BAHARIYA	00	0	15	02	0	0	—	17.5	16	49	5	0
FARAFRA	110	2	15	02	2	0	—	17.4	15	59	7	0
DAKHLA	320	8	35	00	0	0	—	19.0	16	42	3	0
KHARGA												
SUEZ												
TÛR	00	0		00	0	0	—	17.4	15	59	7	0
HURGHADA	300	6	12	02	0	0	—	15.9	16	59	8	0
QUSEIR	330	9	15	02	1	2	Ci	15.3	19	52	9	0
PORT SUDÂN	320	4	30	02	2	3	Sc, Ci	13.9	22	38	7	0
WÂDI HALFA	20	4	50	02	1	1		14.7	19	26	-1	0
ABU HAMAD	360	2	30	01	1	3	Cs		22	13	-8	0
KAREIMA	320	7	30	01	1	2	Ci	12.0	22	15	-6	0
ATBARA	20	3	30	01	1	0	—	10.3	21	25	0	0
KHARTUM	340	8	30	01	1	3	Ci	9.3	27	15	-2	0
KASSALA	270	4	30	01	1	0	—	7.6	27	30	8	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	4	30	01	2	0	—	9.1	23	26	1	0
EL FASHER	70	4	30	01	2	3			25	13	-6	0
GENEINA	20	6	30	01	2	7	Cs		27	6	-13	0
MALAKÂL	360	5	30	02	0	0	—	6.3	29	25	7	0
WÂU	270	7	10	04	0	0	—	6.4	29	22	5	0
JUBA	330	2	10	04	1	3	Ac, Cs	4.1	31	26	9	0

At 0600 on Wednesday 27th February, 1952

Station	Wind 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.	Total from Oct. 1st	Normal from Oct. 1st
SALÛM																			
SÎDI BARÂNI	150		15	02	2	8	AS	14.6		10	20		9		71	5	0	109	
MATRÛH	140	10	15	03	1	7	Cc	16.1	-0.6	12	20		7		77	8	0	122	
EL DAB'A	160	3	15	02	1	4	Cb			10	17		6		88	8	0	204	
ALEXANDRIA	130	5	35	04	1	6	Sc, Ci	17.1	+0.3	12	18	-2	11	-1	88	10	0	154	170
FOUAD (Airport)	190	3	14	03	4	7	Sc, Ci	17.0	-0.1	11	19	0	7	-3	94	10	0	Rain	131
DAMIETTA	200	2	7	11	1	5	AC	17.4	+1.1	12	18	-1	8	-1	88	10	0	158	91
PORT SA'ÎD	60	2	10	03	0	1	Ci	16.8	0.0	16	18	-1	12	0	72	11	0	83	
EL ARISH	30	2	18	03	1	3	Sc, Ac	17.7	+0.7	15			9		68	9	0	Rain	
DAMANHUR	130	9		02	1	2	Ci	17.4	+1.0	12	20	-1	9	0	77	8	0	81	83
MANSURA	180	5	35	00	0	0	—	17.1	+0.7	12	21	0	8	0	77	8	0	49	40
TANTA	00	0	35	01	1	2	Cu	17.2	+0.4	9	19	-3	5	-2	88	7	0	64	32
ZAGAZIG	00	0	35	02	0	0	—	17.0	+0.1	8	21	-1			88	6	0	30	21
ISMAILIA																			
FAROUK (Airport)	140	9	12	02	2	4	Cs	17.7		13	19		11		82	10	0	83	
ALMÂZA	110	7	12	03	1	5	Cu, Cs	17.1	-0.6	13	20	-1	11	+1	77	9	0	71	
EZBEKIYA	00	0	12	02	1	5	AC	17.1	0.0	11	22	-1	10	+1	82	8	0	60	18
GÎZA	00	0	12	02	1	5	AC	17.2	+0.1	10	22	0	6	-1	88	8	0	58	18
HELWÂN	40	3	7	05	1	3	Cc	17.2	0.0	13	21	0	11	+1	67	7	0	59	19
FAIYÛM	00	0	35	01	2	4	Ci	17.3	+0.5	13	22	-1	8	0	77	9	0	23	6
MINYA	00	0	8	03	1	5	AC	16.9	-1.9	8	23	0	4	-2	82	5	0	5	
ASYÛT MANQABAD	140	2	8	10	0	0	—	17.3	-0.5	11	22	-1	8	+1	54	2	0	3	
NAG' HAMMADI											27?	+3							
QENA	270	8	15	01	1	3	Ci	16.7	+0.6	12	25	-2			77	8	0	2	
LUXOR	00	0	30	00	0	0	—	15.8	-0.8	13	26				44	1	0	dr.	
ASWÂN	00	0	50	00	0	0	—	16.2	-0.6	16	26	-1	11	-1	24	-5	0	dr.	
SÎWA	80	7	12	03	1	6	AS	15.4	-3.1	12	23	0	10	+4	59	4	0	25	6
BAHARIYA	180	2	35	02	1	4	AC	17.5	0.0	13	23	0	7	0	67	7	0	1	7
FARAFRA	20	2	35	02	2	6	AC	16.8		10	23		5		62	3	0	Rain	
DAKHLA	00	0	50	00	0	0	—	16.7	-1.1	8	24	-2	4	-4	46	-3	0	dr.	
KHARGA	00	0	15	03	1	1	Ci	17.0	-0.1	11			6	-3	41	-2	0	dr.	
SUEZ	360	2	50	00	0	2	Cu	16.2	-0.1	14					77	10	0		12
TÛR	00	0	35	02	0	0	—	15.5	-0.5	15			8	-2	59	7	0	1	11
HURGHADA											20	-1							
QUSEIR	310	9	15	02	0	0	—	15.0	-0.3	15	21	-3	14	-1	59	7	0	dr	4
PORT SUDÂN	310	10	30	01	2	3	Sc, Ci	13.9		23	26		19		53	13	0	211	93
WÂDI HALFA	240	1	50	03	0	1	AC	16.0		12	26		9		36	-3	0	dr.	
ABU HAMAD	20	3	30	02	0	1	Ci			18	30		14		15	-9	0		
KAREIMA	20	4	30	01	0	3	Ci	14.1		16	30		12		24	-5	0	dr.	1
ATBARA	10	9	30	02	1	3	Cs	12.7		18	32		16		26	-2	0	0	2
KHARTUM	20	11	30	03	0	2	Cs	12.2		19	33		15		21	-4	0	0.6	4
KASSALA	00	0	30	03	0	2	Cs	11.0		21	36		13		61	13	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID	360	7	30	03	0	5	Cs	13.5		19	31		13		19	-5	0	15	16
EL FASHER	360	3	50	02	0	3	Ci			13	31		10		29	-5	0	13	6
GENEINA	70	3	30	03	2	8	Cs			15	35		13		18	-9	0		4
MALAKÂL	20	13	30	03	1	7	Cs	10.2		25	37		21		19	0	0	94	88
WÂU	340	5	10	04	0	1	AC	10.0		22	37		19		31	4	0	153	149
JUBA	320	2	7	04	2	7	AC	10.0		27	38		19		28	7	0	228	159

Humidity — Mean of day

Station	On 26th	Diff. from normal
Alexandria	71	+6
Ezbekiya	60	-1
Giza	71	+5
Helwan	61	+12

GIZA
Grass minimum temp. on 27th 4.0

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

Pressure mbs. (Farouk Airport)	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs. (Airport)	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs. (Airport)	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	Port Said		Abnaza		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		S. Barani								Port Said	
Time	14		14	30	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	10	6	30	15	300	4	300	9	160	9	320	11	30	10	10	12	60	12							350	9
600	270	2	60	7	350	4	290	6	160	8	300	7	40	13	360	15	20	6							320	10
1000	270	2	100	8	20	3	320	4	160	19	290	6	30	11	330	22	190	5							280	9
1500	320	2	250	5	260	4	320	7	160	12					340	19	200	9							220	3
2000			240	20	300	7	280	9	180	15							220	14								
3000			260	20			260	17									270	26								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS 27th

Station	Sidi Barani		Matruh		Fouad (Airport)		Port Sa'id		El Arish		Helwan								Aswan				Abnaza	
Time							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							60	3															70	16
600							40	2															60	12
1000							40	2															20	15
1500							180	1															300	16
2000																							260	11
3000																							270	26
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakâl	
Time									4		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									30	9														
600									30	13	50	18	50	15	10	26	50	3						
1000									50	9	50	16	50	21	10	25	30	11	30	25				
1500									10	7	360	9	60	16	330	10	10	4	30	17				
2000											270	6							10	7				
3000									240	13	280	13	360	7	260	21	360	5	270	6				
4000																			320	5				
5000											260	31												
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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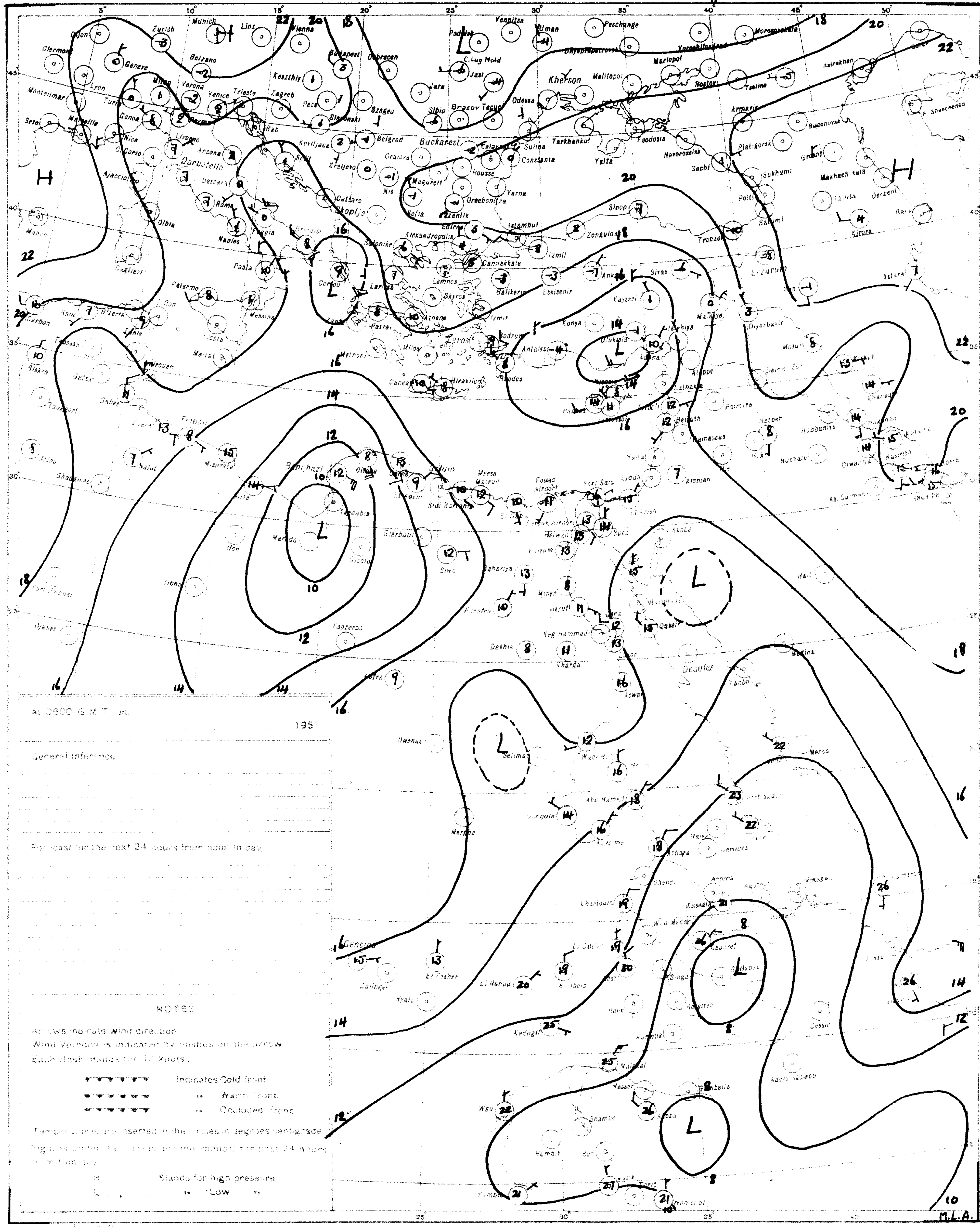
Annual Subscription P.T. 50

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 27/2/1952



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		92
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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 " " " "	
6/8 " " " "	
7/8 " " " "	
Sky completely covered	
" obscured by dust, sand or fog, or cloud amount cannot be estimated owing to darkness	9

CAIRO

Time of Sunrise 04 24 G.M.T.

" " Sunset 15 53 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 28th February 1952

At 1200 on Wednesday 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	110	2	15	02	2	8	AS	12.6	17	52	7
	303	SIDI BARANI			18	02	6	8		12.2	17	42	4
	306	MATRUH	80	4	18	02	2	8	AS	14.3	16	68	10
	309	EL DABA	110	9	35	03	2	8	St		14	63	7
		ALEXANDRIA	130	4	35	04	2	8	AS	14.6	18	52	8
	318	FOUAD (Airport)	80	2	18	02	2	7	SC,AC	14.3	18	52	8
	330	DAMIETTA	140	2	15	03	1	7	AC	15.0	18	60	10
	333	PORT SA'ID	40	5	18	02	1	6	Cu,Ci	14.4	17	72	12
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	1	6	Ci	14.3	19	46	7
	342	MANSURA	40	5	35	03	2	6	AC	14.0	21	50	10
	348	TANTA	00	0	35	03	2	8	NS	14.4	21	50	10
	354	ZAGAZIG	40	1	50	03	1	3	Ci	14.4	21	41	7
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	70	9	18	03	1	5	AC,CS	14.9	21	33	4
	372	ALMAZA	110	6	30	03	1	4	AC	13.6	21	33	4
		EZBEKIYA	360	4	18	02	1	7	AC				
		GIZA	360	4	18	02	1	7	AC	14.2	22	29	3
	378	HELWAN	00	0	35	03	2	7	AC	12.8	23	24	1
Upper Egypt	381	FAIYUM	00	0	35	02	2	4	Ci	13.3	22	36	6
	387	MINYA	00	0	8	01	2	4	AC	12.7	22	31	4
	393	ASYUT MANQABAD	360	3	18	02	1	1	AC	12.8	22	36	6
	399	NAG' HAMMADI	00	0	7	01	1	3	SC	13.0	26	30	7
	402	QENA	220	2	50	00	0	0	—	13.1	26	30	7
	405	LUXOR	20	5	30	00	0	0	—	12.3	25	22	2
	414	ASWAN	340	3	50	00	0	0	—	11.5	27	5	-16
Oases	417	SIWA	00	0	14	02	2	3	CC	13.4	22	21	-1
	420	BAHARIYA	110	5	35	02	1	0	—	13.1	23	38	8
	423	FARAFRA	110	3	35	02	2	0	—	12.0	29	46	16
	432	DAKHLA	160	11	50	00	0	0	—		28	12	-4
	435	KHARGA	00	0	15	00	0	0	—	12.8	25	22	2
Red Sea	450	SUEZ	90	1	50	03	0	3	SC,AS	13.4	22	36	6
	459	TOR	360	9	35	02	0	0	—		20	46	8
	462	HURGHADA	20	8	30	03	1	6	SC	12.3	22	50	11
	465	QUSEIR	20	13	15	02	0	0	—	12.3	22	57	13
	641	PORT SUDAN	50	13	30	02	1	1	Cu	10.0	27	62	19
North Sudan	600	WADI HALFA	40	9	30	03	0	1		11.1	25	8	-12
	640	ABU HAMAD	70	6	30	02	0	0	—		31	11	-3
	660	KAREIMA	20	6	30	03	1	4	CS	9.2	31	9	-5
	680	'ATBARA	350		30	01	1	2	CS	6.9	32	11	-2
	721	KHARTUM	350	10	30	02	0	2		6.9	33	8	-5
	730	KASSALA	40	3	30	03	1	4	CS	3.9	37	18	9
Central Sudan	751	WAD MEDANI	360	5	35	02	0	2	Ci	5.1	35	10	-1
	801	RENK	310	5	35	02	0	2	Ci	5.9	36	15	6
	802	ROSEIRES											
	771	EL OBEID	50	7	30	01	1	3	Ci	6.6	32	16	3
	760	EL FASHER	160	5	30	03	1	7	CS		31	15	1
	770	GENEINA	200	1	50	01	1	1	CS		34	5	-10
S. Sudan	840	MALAKAL	50	6	30	02	2	9	CS	4.6	36	14	5
	880	WAU											
	941	JUBA	50	7	10	04	6	7	AS	4.9	37	16	7

At 1800 on Wednesday 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	90	2	15	02	5	8	AS	10.4	14	77	10	Rain
SIDI BARANI	70	7	14	02	6	8	AS	9.8	13	72	8	dr
MATRUH	130	4	12	60	6	2	NS	12.8	13	82	10	1
EL DABA	00	0	7	08	2	8	NS		13	88	11	Rain
ALEXANDRIA	40	8	35	00	5	0	—	14.3	14	88	12	dr.
FOUAD (Airport)	10	8	10	60	6	8	SC,AS	14.8	13	94	12	dr.
DAMIETTA	160	2		03	5	8	SC	15.2	15	77	11	dr.
PORT SA'ID	30	10	14	02	2	8	AC	14.3	16	68	10	0
EL 'ARISH												
DAMANHUR												
MANSURA												
TANTA	00	0	35	03	2	8	NS	14.7	15	77	11	0
ZAGAZIG	40	1	35	02	1	0	—	13.9	15	77	11	0
ISMA'ILIA												
FAROUK (Airport)	20	10	12	02	2	6	AC	14.5	16	59	8	0
ALMAZA	20	8	12	02	1	4	AC	13.6	16	59	8	0
EZBEKIYA	360	6	12	02	1	8	AC					
GIZA	360	6	12	02	1	8	AC	14.2	17	52	7	0
HELWAN	340	10	7	03	2	8	AC	13.6	17	52	7	0
FAIYUM	00	0	35	02	2	4	Ci	13.8	17	52	7	0
MINYA	360	6	8	00	0	0	—	12.6	14	55	5	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0		00	0	0	—	13.3	15	68	9	0
QENA	270	2	7	00	0	0	—	13.4	17	60	9	0
LUXOR	00	0	12	00	0	0	—	12.0	18	34	2	0
ASWAN	00	0	15	00	0	0	—	12.0	22	9	-12	0
SIWA	40	8	8	01	2	0	—	11.9	18	40	4	0
BAHARIYA	90	2	15	02	1	4	AC	12.4	17	42	4	0
FARAFRA	130	3	15	01	2	1	Ac		18	52	8	0
DAKHLA	180	8	35	00	0	0	—				-5	0
KHARGA	00	0	15	00	0	0	—	13.0	20	24	-1	0
SUEZ												
TOR	360	2	30	02	0	0	—		15	68	9	0
HURGHADA	360	6	12	00	1	0	—	13.0	16	52	6	0
QUSEIR	330	9	15	02	0	0	—	12.2	19	52	9	0
PORT SUDAN	340	4	30	01	1	0	—	12.4	23	79	19	0
WADI HALFA	00	0			0	0	—	11.2	24	14	-6	0
ABU HAMAD	360	2	30	02	0	0	—				-5	0
KAREIMA	340	4	30	03	1	3					-5	0
'ATBARA	330	5	30	02	2	8	—	9.6	25	17	-2	0
KHARTUM	360	7	30	01	0	0	—				-4	0
KASSALA	360	3				0	—				9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	60	2	30	01	0	0	—	8.1	25	19	0	0
EL FASHER	60	5	30	02	1	5	CS		24	24	2	0
GENEINA	260	1				1					-7	0
MALAKAL												
WAU												
JUBA	00	0	10	04	1	2	AC	5.0	29	33	11	dr.

At 0600 on Thursday 28th February 1952

Station	Wind 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	290	5	15	02	0	2				13			11	+1	88	11	Rain	Rain	
SIDI BARANI	230	6	15	02	1	1	Ci	9.1		10	17		9		76	6	dr	109	
MATRUH	230	6	30	02	1	7	Cu,SC	9.9	-6.8	13	16		11		82	10	6	128	
EL DABA	00	0	15	00	0	0	—			13	18		9		88	11	Rain	Rain	
ALEXANDRIA	130	11	35	04	1	6	AC	10.2	-6.5	13	19	-1	12	0	88	11	dr.	154	170
FOUAD (Airport)	110	5	14	01	2	5	AC	10.1	-6.9	14	19	0	12	+2	88	12	0.3	Rain	132
DAMIETTA	160	9	7	01	1	6	AC	10.4	-5.9	16	19	0	11	+2	77	12	dr	158	92
PORT SA'ID	130	17	14	03	1	8	Cu,SC	10.0	-6.8	16	20	+1	14	+2	77	12	0	83	
EL 'ARISH																			
DAMANHUR	130	9	7	02	1	3	AC	10.0	-6.4	14			10	+1	77	10	0	81	84
MANSURA	90	9	35	03	2	7	SC,Cu	9.8	-6.6	13			11	+3	88	11	0	49	40
TANTA	90	8	35	03	2	8	AS	10.2	-6.6	13	21	-1	8	+1	88	11	0	64	32
ZAGAZIG	40	1	50	03	2	6	Cu			14	22	0	7	0	77	10	0	30	21
ISMA'ILIA																			
FAROUK (Airport)	70	12	13	03	1	6	SC,AC	10.7		15	22		12		72	10	0	83	
ALMAZA											22	0							
EZBEKIYA	40	4	12	02	1	7	Cb,Ci												18
GIZA	40	4	12	02	1	7	Cb,Ci	9.6	-7.5	15	24	+2	10	+3	68	9	0	58	18
HELWAN	20	5	7	03	2	7	AC,Ci	8.8	-8.4	16	23	+2	14	+4	53	3	0	59	19
FAIYUM	00	0	35	03	2	8	AC	9.6	-7.2	13	24	+1	9	+1	77	9	0	23	6
MINYA	140	10	8	03	2	7	AC	8.3	-10.4	12	24	+1	8	+2	55	3	0	5	
ASYUT MANQABAD	270	2	3	10	0	6	CS	10.1	-7.6	14			11	+4	59	6	0	3	
NAG' HAMMADI											27	+3							
QENA	00	0	15	00	0	0	—	11.2	-4.8	14	28	+1	7	-2	48	3	0	2	
LUXOR	00	0	30	00	0	0	—	10.6	-6.0	14	28		3		29	-4	0	dr.	
ASWAN	00	0	15	01	1	6	Ci	11.9	-4.8	18	28	+1	13	+1	37	3	0	dr.	
SIWA											24	+1							6
BAHARIYA	00	0	35	02	2	7	AC	8.6	-8.9	14	24	+1	13	+6	55	5	0	1	7
FARAFRA	220	2	15	02	2	4	AC	9.4		19	30		14		52	9	0	Rain	
DAKHLA	00	0	50	00	0	0	—	11.1	-6.6	15	29	+3	7	-1	20	-8	0	dr.	
KHARGA	00	0	15	00	0	0	—	11.1	-6.0	13	26	0	10	+1	34	-3	0	dr.	
SUEZ	00	0	50	00	0	2	Cu	9.6	-6.7	15			11	0			0	44	12
TOR	20	2	15	02	0	0	—	10.8	-5.1	14			11	+1	55	5	0	1	11
HURGHADA	250	1	30	02	0	0	—	10.1	-6.3	19	22	+1	9	-1	49	8	0	0	
QUSEIR	330	5	15	02	0	0	—	10.3	-4.9	20	22	-3	14	-1	46	8	0	dr.	4
PORT SUDAN	310	1	30	01		3	SC,Ci	11.9		23	28		17		74	18	0	211	93
WADI HALFA	00	0				8	Cc	11.1		11	29		11		26	-8	0	dr.	
ABU HAMAD																			
KAREIMA																			1
'ATBARA	10	4	30	01	1	8	CS	10.1		19	34		13		23	-3	0	0	2
KHARTUM	360	2	35	02	0	1	Ci	9.9		21	32		17		17	-5	0	0.6	4
KASSALA	300	11	30	02	0	0	—	8.7		21	37		14				0	49	8
WAD MEDANI																			12
RENK	50	2	35	02	0	0	—	10.2		20	37		15		28	1	0		49
ROSEIRES	310	2	35	02	0	0	—	11.5		21	38		17		15	-7	0	92	36
EL OBEID	30	3	30	02	0	0	—				33					-5	0	15	16
EL FASHER	20	3	30	01	1	2	Ci				34		10			-3	0	13	6
GENEINA	80	1	30	02	0	1	Ci			17	36		14		12	-13	0		4
MALAKAL	50	10	30	01	0	0	—	8.1		25	38		17		18	-1	0	94	88
WAU	00	0	4	04	0	0	—			24	40		19		47	12	0	133	149
JUBA											38								160

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	81	+16
Ezbekiya		
Giza	65	0
Helwan	53	+4

GIZA GRASS MINIMUM TEMP. ON 28th 11.1 °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

RADIOSONDE

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 27th

Station	Port Said		El Arish		Minya		Asyut		Siwa		Kharga		Dakhla		Hurghada		S. Barani	
Time	14		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.
300	20	10	10	8	140	5	40	3	70	11	330	7	170	12	10	4	120	9
600	330	3	10	10	110	9	160	6	80	12	320	9	170	16	10	8	140	8
1000	210	1	10	10	130	9	150	3	80	14	330	7	160	14	360	12	150	12
1500	200	2			200	9	260	4	100	11			160	11			160	12
2000					250	15	260	18	190	14			170	13				
3000									220	40								
4000																		
5000																		
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			5										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.
300			280	14									170	16			170	6				
600			270	16									170	40			170	8				
1000			270	23									190	40			180	8				
1500			250	23									220	35			150	10				
2000			250	26									220	57			130	16				
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	
Height m.	Dir.	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	15					30	19			40	25
1000													50	22					30	18			30	13
1500													040	5					10	6				
2000																							50	8
3000													280	14					310	11			20	3
4000																								
5000																			150	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.

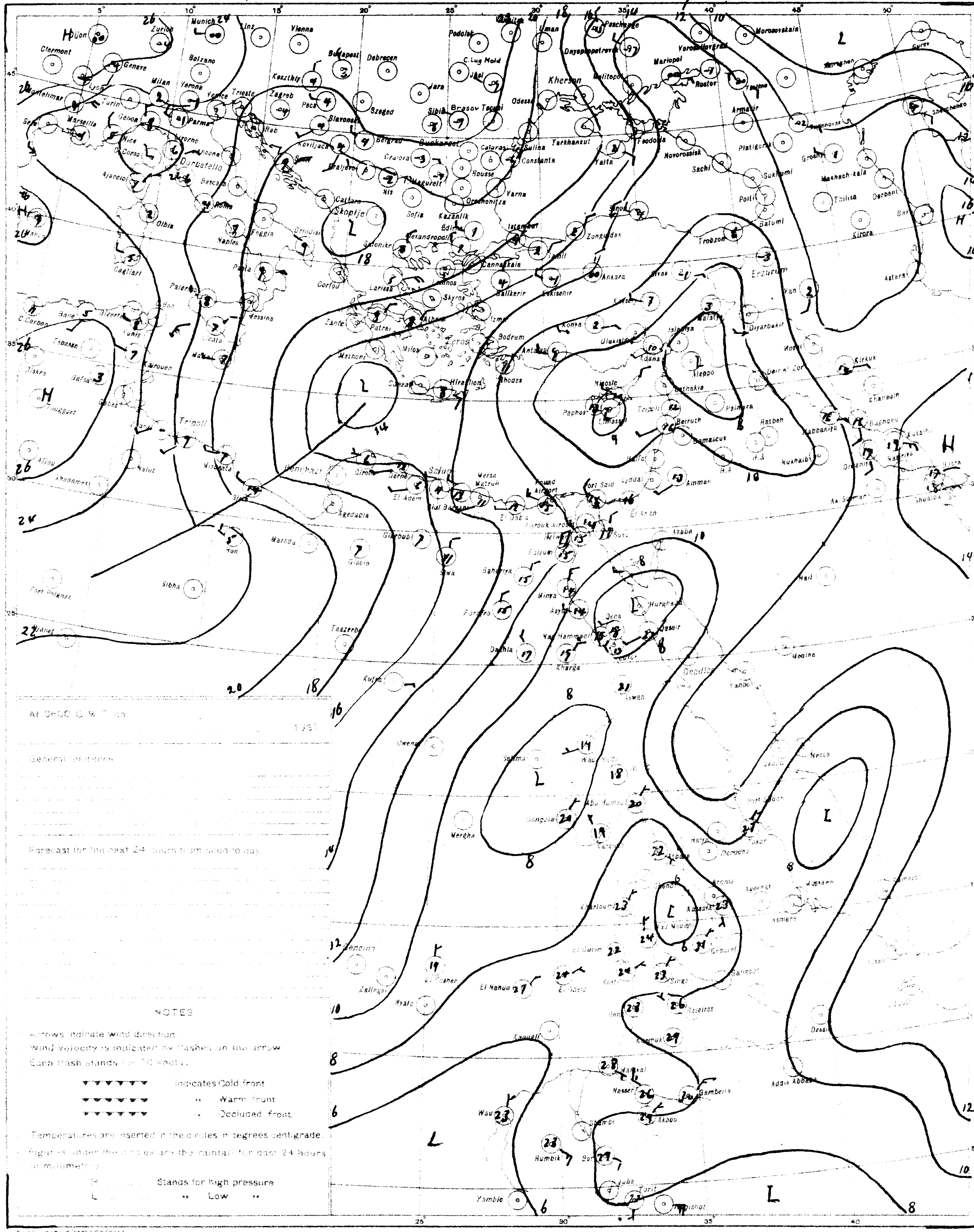
Note: All times are G.M.T.

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 29-2-1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.O.P. 849(49/567)(50/531)

CAIRO
Time of Sunrise 04 21 G.M.T.
" " Sunset 15 54 G.M.T.

MINISTRY OF WAR AND MARINE; — METEOROLOGICAL DEPARTMENT, — WEATHER SECTION, — EGYPT

Form 7 F.

[Stamp:] ... MAY 26 1952 WEATHER BUREAU

DAILY WEATHER REPORT

Date: Saturday 1st March, 1952

At 1200 on Friday 29th Feb.

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	MATRÛH											
	309	EL DABA	320	12	35	01	1	3	Cu, Ac		16	77	12
		ALEXANDRIA	310	16	50	02	2	5	cb, Ci	12.0	17	52	7
	318	FOUAD (Airport)	300	17	18	02	2	7	Cu, Ci	11.9	18	52	8
	330	DAMIETTA	320	2	15	02	2	7	Sc	12.0	18	56	9
	333	PORT SAÏD	340	16	30	02	2	8	Sc, AS	10.1	16	68	10
	336	EL ARISH	300	8	30	01	2	7	Cu, AS	9.5	17	77	13
Lower Egypt	339	DAMANHUR	270	9	15	02	1	4	Cu	11.8	18	60	10
	342	MANSURA	320	5	15	03	2	8	St	11.4	17	60	9
	348	TANTA	220	5	35	01	2	4	Cu	10.6	18	60	11
	354	ZAGAZIG	320	2	50	01	2	6	Cu	10.8	20	46	8
	441	ISMAÎLIA											
Cairo Area	366	FAROUK (Airport)	340	12	15	02	2	8	Cu, AS	12.2	18	60	10
	372	ALMÀZA	340	11	15	02	2	8	Sc, As	11.1	18	60	10
		EZBEKIYA	350	6	18	02	1	8	Cu, Ac	10.7	19	49	8
		GÎZA	350	6	18	02	1	8	Cu, Ac	11.2	19	52	9
	378	HELWÂN	340	12	15	02	2	8	Cu, Ac	10.6	19	46	7
Upper Egypt	381	FAIYÛM	360	6	35	01	2	7	AS	9.8	21	41	7
	387	MINYA	350	15	10	01	2	1	Ci	8.7	22	44	9
	393	ASYÛT MANGABAD	320	11	30	02	1	1	AC	7.3	25	39	10
	399	NAG' HAMMADI	00	0	7	01	1	2	AC	6.7	28	22	4
	402	QENA	220	3	35	03	1	5	Ci	5.6	30	25	8
	405	LUXOR	360	3	30	01	1	1	Ci	4.2	30	19	4
	414	ASWÂN	00	0	50	02	1	6	Ci	4.0	32	15	2
Oases	417	SÎWA	350	10	14	02	0	2		14.8	19	30	1
	420	BAHARÎYA	360	2	35	02	1	5	AC	11.1	20	56	11
	423	FARAFRA	360	6	35	02	2	0	—	12.0	21	65	14
	432	DAKHLA	360	11	50	00	0	0	—	8.6	25	28	5
	435	KHARGA	360	7	7	01	1	2	Cc	7.9	24	32	6
Red Sea	460	SUEZ	360	2	50	03	0	5	Cu, Ci	9.1	21	41	7
	459	TÔR											
	462	HURGHADA	360	12	30	02	2	0	—	6.2	22	69	16
	465	QUSEIR	90	5	15	01	1	3	AC	6.7	24	84	21
	641	PORT SUDÂN	90	13	30	03	2	5	Cu, Cs	5.8	28	79	24
Northern Sudan		WÂDI HALFA	230	14	50	02	2	8	Cs	2.2	36	7	-6
	640	ABU HAMAD	180	2	30	02	2	8	Cs		37	10	0
	660	KAREIMA	180	12	30	03	1	8	Cs	2.6	37	11	1
		ATBARA	190	1	30	03	2	8	Cs	1.5	38	10	1
		KHARTÛM	310	4	30	03	1	5	Cs	1.8	38	9	-1
		KASSALA	20	4	30	02	0	0	—	4.3	39	12	4
Central Sudan		WAD MEDANI	310	5	35	02	0	1	Ci	1.8	40	12	5
		RENK											
	702	ROSEIRES	50	9	50	03	2		Cs	1.7	38	22	13
		EL OBEID											
	700	EL FASHER	230	2	30	01	2	3	Cs		37	8	-2
		GENEINA	250	3	30	02	2	8	Cs		36	5	-11
Southern Sudan	840	MALAKÂL	110	14	10	04	2	8	Cu, Ac	1.2	38	19	11
	880	WAU											
	941	JUBA	90	9	35	02	1	1	Cu	2.3	39	21	13

At 1800 on Friday 29th Feb.

Station	Wind Direction	Wind Velocity in Knots	Visibility 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
MATRÛH	320	15	12	03	2	7	cb, Cs	13.7	13	67	7	0
EL DABA	290	7	7	03	2	7	cb				9	0
ALEXANDRIA	310	16	18	02	2	5	cb	12.7	15	59	7	0
FOUAD (Airport)	310	18	12	02	1	4	Cu	12.8	15	63	8	0
DAMIETTA	320	2		03	2	8	AS	12.4	14	88	12	0
PORT SAÏD	310	10	15	02	2	8	Sc, AS	11.6	16	68	10	0
DAMANHUR	270	9	15	02	1	2	Ci	12.4	12	77	8	0
MANSURA	320	5		02	2	3	Cu	12.7	14	67	8	0
TANTA	270	2	35	02	1	0	—	12.0	12	77	8	0
ZAGAZIG	00	0	35	02	1	0	—	12.2	16	68	10	0
ALMÀZA	340	13	12	01	2	6	Sc	12.4	15	68	9	0
EZBEKIYA	350	6	12	02	1	7	Sc, Cu	12.8	15	63	8	0
GÎZA	350	6	12	02	1	7	Sc, Cu	12.8	15	68	9	0
HELWÂN	340	11	7	02	2	8	AC	12.4	15	68	9	0
FAIYÛM	00	0	35	01	2	5	AS	11.5	15	59	7	0
MINYA	350	7	8	00	0	0	—	10.8	15	59	7	0
ASYÛT	340	7	10	00	1	0	—	11.0	17	64	10	0
NAG' HAMMADI	320	2		00	1	0	—	8.2	19	64	12	0
QENA	340	3	7	02	1	5	Ci	5.8	22	44	9	0
ASWÂN	00	0	15	00	0	0	—	4.8	27	15	-2	0
SÎWA	280	6	8	00	0	0	—	16.0	16	42	3	0
FARAFRA	320	4	15	01	2	3	AC	14.8	15	68	9	0
DAKHLA	320	11	35	00	0	0	—	11.9	20	33	3	0
QUSEIR	360	5	15	02	1	7	Ac	6.8	23	64	20	0

At 0600 on Saturday 1st March, 1952

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	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew Point °C	Rain Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
MATRÛH	230	12	14	03	8	6	cb	15.9	-0.8	9	17		7		82	6	1	129	
EL DABA	270	11	15	01	1	3	Cu			10	17		7		76	6	0	Rain	
ALEXANDRIA											19	-1							171
FOUAD (Airport)	320	15	12	17	1	5	cb	13.9	-3.1	13	18	-1	11	+1	72	8	1	Rain	133
DAMIETTA	250	5	7	50	6	8	Cu, Sc	14.2	-2.1	12	17	-2	9	-1	88	10	2	160	92
PORT SAÏD	280	12	30	02	8	7	Cu, Sc	12.8	-3.9	14	17	2	10	-2	67	8	4	87	
EL ARISH	270	8	18	60	6	6	cb	12.5	-4.3	12			10	+1	88	10	1	Rain	
DAMANHUR	270	9	15	02	1	2	Cu	13.9	-2.5	11	19	-3	7	-2	77	7	0	81	84
MANSURA	270	5	35	02	1	2	Cu	14.3	-2.1	12	19	-3	8	0	77	8	0	49	41
TANTA	220	2	35	02	0	0	—	14.2	-2.6	10	18	-4	6	-1	88	8	0	64	33
ZAGAZIG	00	0	35	02	0	0	—	14.7	-2.1	9	20	-2	7	0	88	7	0	30	22
FAROUK (Airport)	250	14	12	03	0	2	Ac	16.2		12			9		77	8	0	83	
ALMÀZA	250	11	12	02	0	2	Ac	15.3	-2.2	12	19	-3	10	0	77	8	0	71	
EZBEKIYA	270	6	12	00	0	0	—	15.4	-1.6	11	20	-3	10	+1	71	6	0	60	19
GÎZA	270	6	12	00	0	0	—	15.1	-2.0	13	19	-3	8	+1	67	7	0	57	19
HELWÂN	00	0	35	02	0	0	—	16.3	-0.8	11	19	-3	9	-1	77	7	0	59	20
FAIYÛM	360	2	35	01	1	1	Cu, As	17.0	+0.3	12	22	-2	9	+1	77	8	0	23	7
MINYA	350	3	8	00	0	0	—	16.8	-1.7	10	23	0	5	-1	71	5	0	5	
ASYÛT MANGABAD	300	6	12	00	0	1	Ci	16.8	-0.7	11	25	+2	8	+1	*77	7	0	3	
NAG' HAMMADI											29	+4							
QENA	320	2	15	03	1	6	Ci	15.1	-0.7	16	33	+5	12	+3	59	8	0	2	
LUXOR	360	6	30	02	2	6	Ci	15.3	-1.1	16			14		45	4	0	dr.	
ASWÂN	340	9	50	00	0	7	Ci	15.2	-1.3	17	33	+5	15	+2	34	1	0	dr.	
SÎWA											20	-3							6
BAHARÎYA	00	0	35	02	0	0	—	17.8	+0.4	12			5	-3	63	5	0	1	7
FARAFRA	320	5	35	02	0	0	—	19.2		12	22		7		77	8	0	Rain	
DAKHLA	270	11	50	00	0	0	—	18.3	+0.8	11	26	0	8	0	51	1	0	dr.	
SUEZ																			12
TÔR																			12
QUSEIR	360	9	15	01	1	5	Ci	12.3	-2.8	19	25	+1	16	0	52	9	0	dr.	4
PORT SUDÂN																			94
KAREIMA																			1
ATBARA																			2
KHARTÛM																			4
KASSALA																			8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			37
EL OBEID																			16
EL FASHER																			6
GENEINA																			4
MALAKÂL																			88
WAU																			150
JUBA																			161

Humidity Max. of day on 29th

Station	%	Diff. from normal
[illegible]	64	+3
Giza	68	+3
Helwan	63	+14

GIZA Grass Minimum Temp. on 1st Mar. 5.0

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 — Farouk Airport / Airport / Airport — On ... At ...

Pressure 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.	El Arish Dir.	El Arish Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Asyut Dir.	Asyut Vel.	Port Said Dir.	Port Said Vel.	Siwa Dir.	Siwa Vel.
Time	14		13 30		14		14		14		14 15		14		14	
300	310	15	350	13	350	20	340	24	10	23	330	22	320	14	310	25
600	320	17	340	6	340	16	350	18	20	31	330	20	320	14	320	23
1000	310	15	330	7	340	18	360	18	20	32	350	22	310	15	320	18
1500			260	8	320	21			10	21	350	15	320	19	310	12
2000					260	7					230	22	310	20	310	9
3000											230	34			290	19
4000											230	45				
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS 1st Mar.

Height m.	Sidi Barani	Matruh	Farouk Airport	Port Said	El Arish	[illegible]	[illegible] Dir.	[illegible] Vel.	[illegible]	[illegible] Dir.	[illegible] Vel.	Siwa
Time							3			5		
300							340	14		360	10	
600							340	20		360	13	
1000							330	34		340	23	
1500										330	49	
2000												
3000												
4000												
5000												
6000												
7000												
8000												

Stations: Siwa, Bahariya, Dakhla, Kharga, Wadi Halfa, Abu Hamad, Kareima, Khartum, Kassala, El Obeid, El Fasher, Malakal — Time — Height m. 300–8000 — Dir. Vel. (no entries)

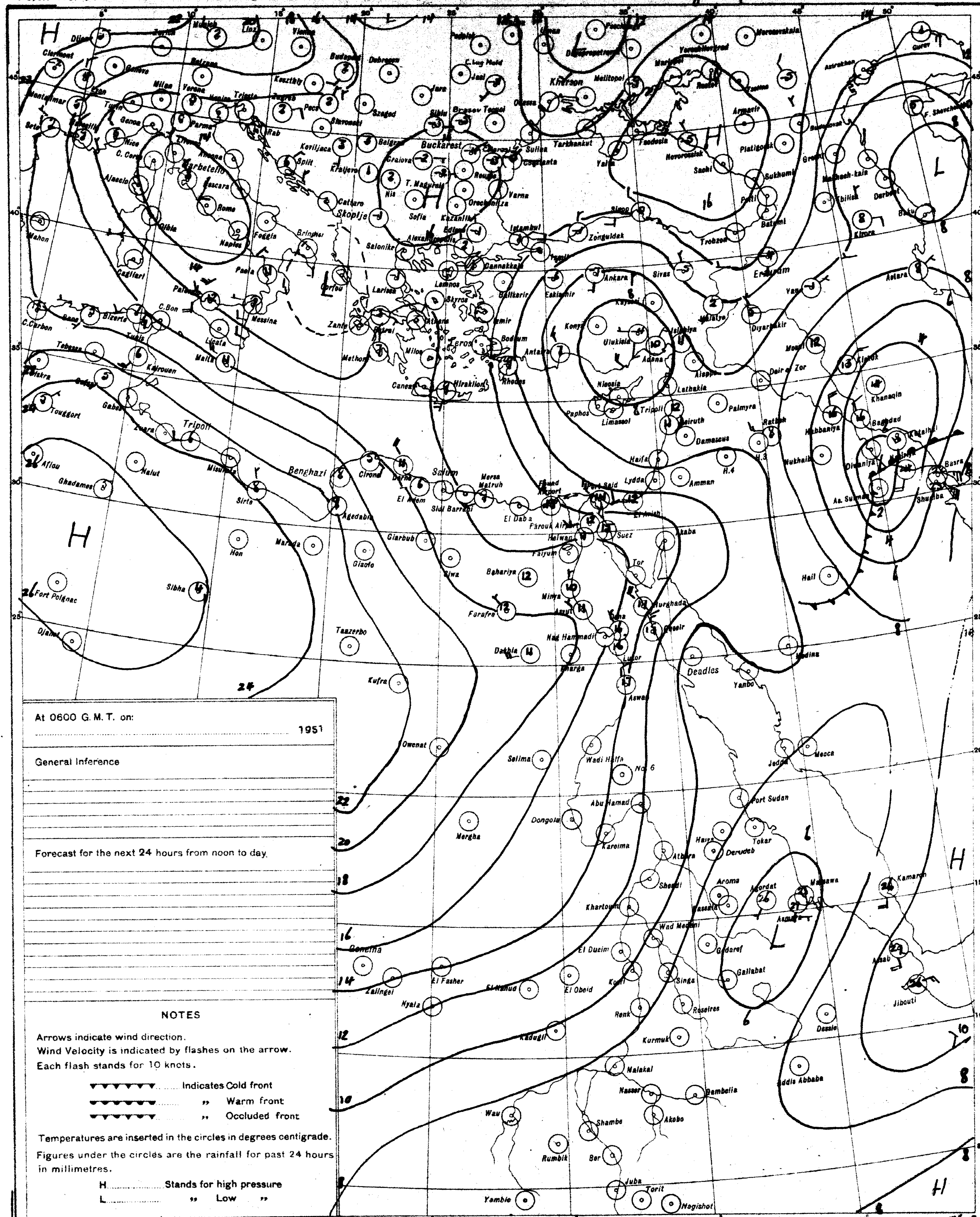
Remarks:
1. Wind Direction in degrees east of North.
2. „ Velocity „ Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 943/149/(557)/(50/537)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday First of March 1952



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 ....
Cirrostratus ....
Cirrocumulus ....
Altocumulus ....
Altostratus ....
Stratocumulus ....
Nimbostratus ....
Cumulus or Fractocumulus ....
Cumulonimbus ....
Stratus or Fractostratus ....

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(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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 2nd March, 1952

At 1200 on Saturday 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	320	13	35	03	2	6	Cu	15.6	17	34	1
	303	SĪDI BARĀNI	310	14	30	02	2	8	Cu, Ac	16.0	15	48	4
	306	MATRŪḤ	300	13	12	25	8	6	Cb	16.7	14	67	8
	309	EL DABA			35	01	1	2	Cu		15	68	9
		ALEXANDRIA	330	10	50	02	2	4	Cb	15.5	16	59	8
	318	FOUAD (Airport)	320	18	18	03	9	3	Cu	14.9	16	52	6
	330	DAMIETTA	320	5	15	01	1	6	Cu	16.2	14	77	10
	333	PORT SA'ĪD											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	360	9	15	02	1	2	Cu	14.8	17	52	7
	342	MANṢURA	320	9	35	03	6	6	Sc, Cu	15.4	18	64	11
	348	TANTA	310	5	35	03	2	6	Cu	15.0	18	52	8
	354	ZAGAZIG	320	1	50	01	2	6	Cu	14.6	17	60	9
	441	ISMA'ĪLIA											
CAIRO AREA	366	FAROUK (Airport)	290	17	30	02	2	5	Sc	15.7	18	28	-1
	372	ALMAZA	290	16	15	02	2	6	Cu, Sc	14.8	18	37	3
		EZBEKIYA	270	5	18	02	1	4	Cu	15.0	19	32	2
		GIZA	270	5	18	02	1	4	Cu	14.8	20	24	-1
	378	HELWĀN	270	16	50	01	1	4	Cu	15.1	18	28	-1
UPPER EGYPT	381	FAIYŪM	360	8	35	03	1	4	St	15.7	20	33	3
	387	MINYA	300	12	8	02	1	4	Cu	16.2	20	28	1
	393	ASYŪT MANQABĀD	320	10	30	03	1	3	Cu	16.7	19	32	2
	399	NAG' HAMMĀDI	270	2	7	01	0	2	Ac	15.8	20	41	6
	402	QENA	290	2	35	01	1	4	Ci	15.7	23	32	5
	405	LUXOR	330	13	30	02	1	4	Ci	14.7	22	23	0
	414	ASWĀN	340	11	15	07	4	4	Ci	14.4	22	21	-1
OASES	417	SĪWA	270	11	14	03	0	4	Cu	19.6	18	34	2
	420	BAHARĪYA	270	3	35	02	0	0	—	16.6	19	37	4
	423	FARAFRA	320	6	35	02	2	3	Cu, Ac	18.6	19	64	12
	432	DAKHLA	340	11	50	00	0	0	—	17.9	19	37	4
	435	KHARGA											
RED SEA	450	SUEZ	310	5	50	03	0	5	Cu	14.0	20	17	-6
	459	TŌR											
	462	HURGHADA	340	25	30	02	1	1	Cu, Cc	12.4	19	46	7
	465	QUSEIR	360	5	15	01	1	3	Ci	13.1	22	36	6
	641	PORT SŪDĀN	70	12	30	03	2	8	Sc, Cs	7.0	29	70	23
NORTH SŪDĀN	600	WĀDI HALFA	360	23	15	07	2	7	Cs	14.3	23	15	-5
	640	ABU HAMAD	360	21	11	33	3	8	Cs		26	23	3
	660	KAREIMA	360	20	0.5	32	3	9		11.1	26	16	-2
	680	'ATBARA	360	18	0.5	31	3	9		6.1	32	11	-2
	721	KHARTŪM	340	19	3	07	2	7	Cs	6.1	34	10	-2
	730	KASSALA	360	5	30	03	2	7	Cs	0.8	39	12	5
CENTRAL SŪDĀN	751	WĀD MEDANI	360	5	35	02	1	6	Ci	1.9	39	4	-10
	801	RENK											
	802	ROSEIRES	50	2	15	02	1	4	Ci	1.0	41	16	10
	771	EL OBEID	360	13	10	02	2	7	Cs	5.8	33	7	-8
	760	EL FĀSHER	360	9	30	02	1	6	Ci		30	18	3
	770	GENEINA	40	16	10	07	2	8	Cs				-3
S. SŪDĀN	840	MALAKĀL											
	880	WĀU	160	8	30	25	5	7	Cb	2.3	36	35	18
	941	JUBA	190	5	30	02	2	6	Cu, Ac	2.8	37	27	15

At 1800 on Saturday 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	280	9	15	03	1	2	Ac		14	55	5	0
SĪDI BARĀNI	280	11	15	02	1	3	Ac	16.6	12	55	3	0.6
MATRŪḤ	220	6	10	00	1	0	—	17.5	10	88	8	0.1
EL DABA	00	0	7	00	0	0	—		16	59	8	0
ALEXANDRIA	310	12	35	02	5	5	Ns	16.7	13	67	7	dr.
FOUAD (Airport)	250	14	12	01	5	1	Sc	16.3	13	67	7	dr.
DAMIETTA	320	5		01	1	3	Cu	16.2	12	77	8	0
PORT SA'ĪD	310	12	14	01	0	1	Cb	15.7	13	72	8	2
EL 'ARISH												
DAMANHUR	360	9	15	02	0	0	—	16.8	11	88	9	0
MANṢURA	320	5		00	1	0	—	16.6	12	77	8	dr.
TANTA	00	0	35	01	5	1	Ns	17.2	11	77	7	dr
ZAGAZIG	00	0	35	02	1	0	—	16.4	11	88	9	0
ISMA'ĪLIA												
FAROUK (Airport)	340	2	12	01	1	1	Ac	17.6	13	72	8	0
ALMAZA	20	3	12	01	1	2	Cu, Sc	17.3	14	67	8	0
EZBEKIYA	00	0	12	02	1	1	Cu	16.8	14	63	7	0
GIZA	00	0	12	02	1	4	Cu	16.8	13	67	7	0
HELWĀN	290	11	7	01	1	3	Cu	17.0	14	55	5	0
FAIYŪM	00	0	35	01	1	2	St	16.5	14	67	8	0
MINYA	280	5	8	00	1	0	—	16.6	12	38	-2	0
ASYŪT MANQABĀD	310	4	10	00	0	0	—	18.0	14	52	4	0
NAG' HAMMĀDI	190	3	15	01	0	2	Ac	17.2	15	59	7	0
QENA	320	2	7	02	1	4	Ci	16.5	17	42	4	0
LUXOR	310	6	12	00	0	0	—	16.7	16	36	1	0
ASWĀN	360	6	15	02	1	6	Ci	16.7	18	20	-5	0
SĪWA	270	7	8	01	0	0	—	19.4	14	48	3	0
BAHARĪYA	270	3	15	02	0	0	—	18.2	14	55	5	0
FARAFRA	320	2	15	02	2	0	—	19.9	12	63	5	0
DAKHLA	340	8	35	00	0	0	—	19.8	15	39	1	0
KHARGA												
SUEZ	360	6	35	01	0	1	Cu	16.7	14	55	5	0
TŌR												
HURGHADA	340	23	12	02	0	0	—	14.0	14	52	4	0
QUSEIR	330	9	15	00	1	0	—	15.0	19	46	7	0
PORT SŪDĀN												
WĀDI HALFA												
ABU HAMAD												
KAREIMA	340	12	7	05	3	8	Cs	13.4	22	25	1	0
'ATBARA	350	15	4	07	3	2	Cs	10.1	24	21	0	0
KHARTŪM	340	20	7	06	2	5	Cs	9.3	27	23	4	0
KASSALA	350	8	30	01	2	6	Cs	4.6	31	13	0	0
WĀD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	17	4	05	2	7	Cs	8.8	26	16	-2	0
EL FĀSHER	40	7	15	05	2	8	Cs		24	17	-3	0
GENEINA												
MALAKĀL	360	2	30	01	2	3	Ci	2.7	32	30	12	0
WĀU												
JUBA	00	0	30	01	6	5	Ac, Ci	3.1	31	38	15	dr.

At 0600 on Sunday 2nd March, 1952

Station	Wind 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	290	13	15	02	1	2		14.7	-1.9	12	19	-1	8	-2	63	5	0	Rain	
SĪDI BARĀNI	240	24	18	02	1	2					16								
MATRŪḤ	320	14	12	03	1	3		16.2	-0.5	10	15		10		82	7	0.1	129	
EL DABA	270	15	15	00	0	0	—			12	16		7		77	8	0	Rain	
ALEXANDRIA	220	19	50	02	2	5	Sc, Cu	15.4	-1.2	13	17	-3	11	-1	67	7	dr.	154	111
FOUAD (Airport)	220	22	18	01	2	3	Cu	16.2	-0.8	12	17	-3	11	+1	67	6	2	Rain	133
DAMIETTA	220	5	15	01	6	1	Cu	15.9	-0.3	10	17	-2	8	-2	77	10	2	162	42
PORT SA'ĪD	260	11	14	01	2	3	Cb, Ac	14.7	-1.9	11	17	-2	10	-3	77	7	2	89	
EL 'ARISH																			
DAMANHŪR	360	9	7	02	1	6	Cu	15.8	-0.6	11	18	-4	8	-1	77	7	0	81	54
MANṢŪRA	270	5	35	50	5	7	Ns	16.0	-0.4	10	19	-3	7	-1	88	8	dr.	49	41
TANTA	270	2	35	03	2	8	As	16.4	-0.4	11	19	-3	7	-1	77	7	dr	64	33
ZAGAZIG	320	1	35	02	1	6	Cu	16.3	-0.5	10	20	-2	6	-1	76	6	0	30	22
ISMA'ĪLIA																			
FAROUK (Airport)	200	18	12	01	1	1	Sc	17.6		13	19		9		63	6	0	83	
ALMĀZA	200	12	15	01	1	2	Sc	16.7	-0.8	12	20	-2	10	0	67	6	0	71	
EZBEKĪYA	180	2	12	02	1	4	Sc, Cu	17.0	+0.1	11	20	-3	10	+1	71	6	0	60	19
GĪZA	180	2	12	02	1	4	Sc, Cu	17.0	0.0	13	21	-1	7	0	67	7	0	58	19
HELWĀN	140	5	7	01	1	3	Ac	18.0	+1.0	10	19	-3	9	-1	76	6	0	59	20
FAIYŪM	360	2	35	02	1	2	St	19.5	+2.8	11	21	-3	8	0	77	7	0	23	7
MINYA	220	2	8	00	0	0	—	19.0	+0.6	9	21	-2	3	-3	58	1	0	5	
ASYŪT MANQABĀD	270	3	12	00	0	0	—	20.9	+3.5	10	20	-3	7	-1	50	0	0	3	
NAG' HAMMĀDI											21	-4							
QENA	320	1	15	00	0	0	—	19.6	+3.8	12	24	-4	7	-3	55	3	0	2	
LUXOR	00	0	30	01	0	1		18.5	+2.2	14	22		8		42	1	0	dr.	
ASWĀN	340	3	50	03	2	4	Ci	19.8	+3.4	13	23	-5	10	-3	44	1	0	dr.	
SĪWA	260	11	14	02	0	2	Sc	19.4	+1.4	13	18	-5	10	+3	63	6	0	25	7
BAHARĪYA	270	2	35	02	0	0	—	19.6	+2.2	12	20	-4	8	0	55	3	0	1	7
FARAFRA	270	3	35	02	2	2	Cu	21.5		13	20		5		67	7	0	Rain	
DAKHLA	340	8	50	00	0	0		21.8	+4.4	9	21	-5	4	-4	47	-2	0	dr.	
KHARGA																			
SUEZ	220	5	50	00	0	2	Cu	16.4	+0.2	15	22	0	10	-1	48	4	0	44	12
TŌR																			12
HURGHADA	290	9	30	02	0	1	Cu	17.6	+1.4	16	19	-2	9	-2	34	0	0	0	
QUSEIR	310	9	15	00	0	1	Ci	18.0	+3.0	17	22	-2	13	-3	26	-3	0	dr.	4
PORT SŪDĀN	340	19	30	02	2	5	Sc	13.8		23	31		21		53	13	0	211	94
WĀDI HALFA	340	8	30	02	2	7	Cc	19.6		12	24		8		47	1	0	dr.	
ABU HAMAD	360	15	7	07	0	8	Cs			16	29		14		28	-3	0		
KAREIMA	20	14	30	02	0	3	Ci	16.0		16	29		12		28	-3	0	dr.	1
'ATBARA	10	20	4	07	2	7	Ac, Ci	12.6		19	33		16		18	-6	0	0	2
KHARTŪM	360	13	15	05	1	5	Cs	12.9		19	34		17		28	0	0	0.6	4
KASSALA											41								8
WĀD MEDANI																			12
RENK	310	13	7	07	3	0	—	12.0		22	41		19		31	4	0		49
ROSEIRES	310	2	1.5	05	1	9		11.2		24			21		30	5	0	92	37
EL OBEID	360	13	2	05	1	9	Cs	13.9		17	34		15		22	-5	0	15	16
EL FĀSHER	20	10	5.0	03	1	7	Ci			16	30		14		39	2	0	13	6
GENEINA																			4
MALAKĀL	20	9	2	05	1	6	Cs	11.5		25	41		23		21	1	0	94	88
WĀU	340	7	10	04	2	8	Ac, Cs	9.1		25	39		23		32	7	13	166	151
JUBA	00	0		15	1	9	Sc, Ac	8.0		22	38		22		65	15	dr.	228	162

HUMIDITY % Mean of day

STATION	on 1st	Diff from normal
Alexandria	62	-3
Ezbekiya	62	+1
Giza	62	-3
Helwān	62	+13

GIZA GRASS MINIMUM TEMP ON 2nd 4.8 °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					

..... AIRPORT On ..... At .....

Pressure 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.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	S. Barani Dir.	S. Barani Vel.
Time	14		14		14		14		14		14		14	
300	300	16	310	17	310	24	300	12	310	18	310	23		17
600	290	16	300	16	310	22	300	16	310	21	310	17	310	28
1000	290	17	280	20	300	19	290	9	300	12	310	6	310	26
1500	300	28	270	21	280	17	230	20	310	17	330	7	280	26
2000	320	29			280	24			300	21				
3000	310	21							300	30				
4000	300	35												
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 2nd

Station	Sīdi Barāni		Matrūḥ		Fouad Airport		Port Said		El 'Arīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		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													300	7								
600													310	10								
1000													320	11								
1500													310	17								
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Sīwa		Bahariya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
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																								

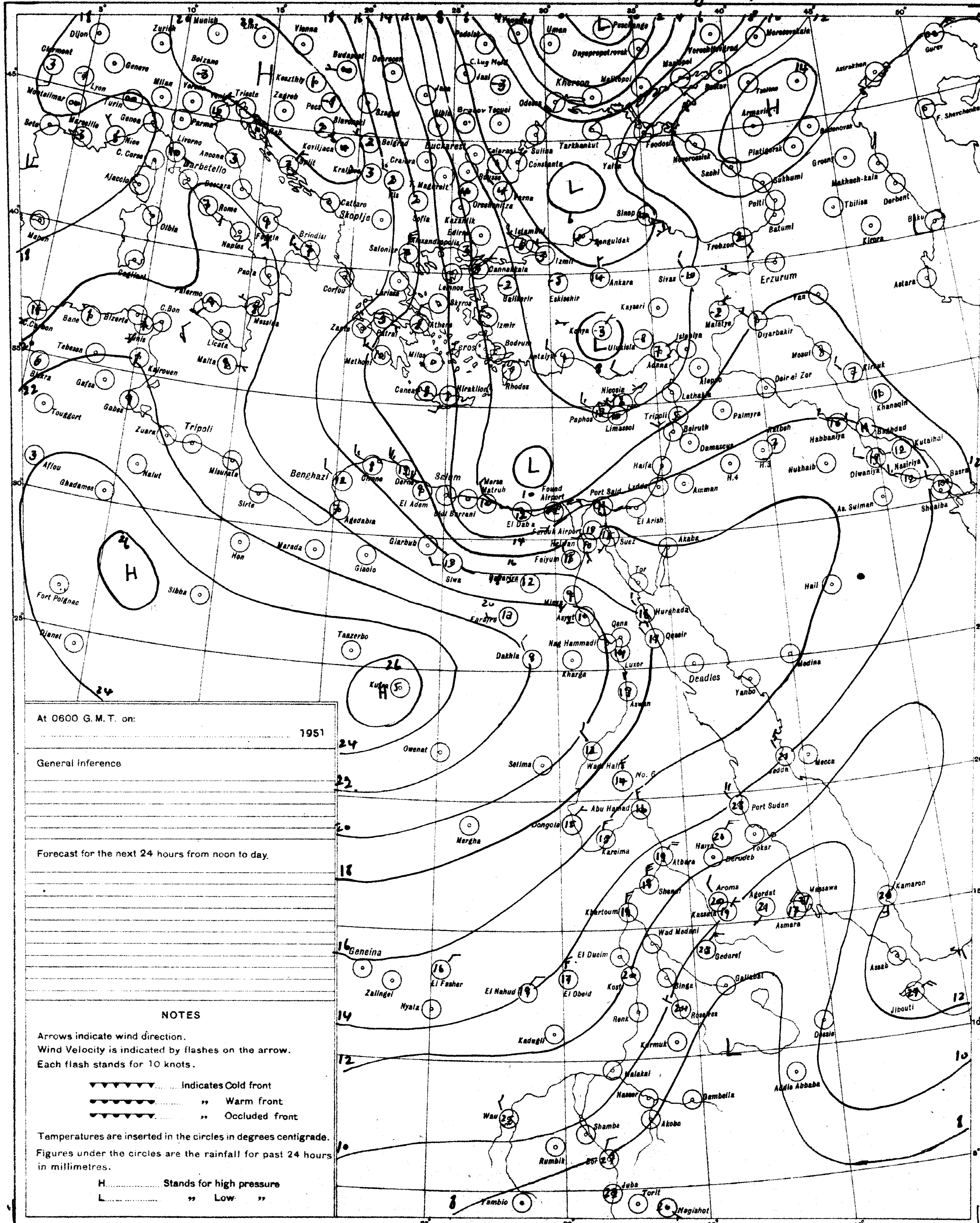
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/631)

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 2/3/1952



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..............
Cirrostratus..............
Cirrocumulus..............
Altocumulus..............
Altostratus..............
Stratocumulus..............
Nimbostratus..............
Cumulus or Fractocumulus..............
Cumulonimbus..............
Stratus or Fractostratus..............

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 19 G.M.T.

" " Sunset 15 55 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 3rd March, 1952

At 1200 on Sunday 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	SALŪM	320	19	35	03	2	6	Cb	15.9	17	52	7
	303	SÎDI BARÂNI	310	21	18	01	2	5	Cu, Sc	15.6	16	59	8
	306	MATRÛH	280	23	12	07	2	7	Cu, Sc	16.3	16	68	10
	309	EL DABA	320	11	35	01	1	3	Cu		17	77	13
		ALEXANDRIA	290	22	50	03	5	5	Sc	16.2	15	59	7
	318	FOUAD (Airport)	300	22	18	02	2	7	Cb	15.9	16	64	9
	330	DAMIETTA	200	5	15	03	5	5	Cb	15.5	15	68	9
	333	PORT SA'ÎD	290	14	18	02	2	7	Sc	14.9	15	63	8
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	13	15	02	1	6	Cu	15.6	15	59	7
	342	MANSURA	320	9	15	25	5	7	NS	15.9	18	64	11
	348	TANTA	270	8	7	03	1	8	NS	15.9	17	52	7
	354	ZAGAZIG	320	2	50	03	1	8	Cu	15.9	18	46	6
	441	ISMA'ÎLÎA											
Cairo Area	366	FAROUK (Airport)	320	21	12	02	2	7	Sc	16.1	18	40	4
	372	ALMÂZA	270	12	15	02	2	6	Sc	15.9	18	28	-1
		EZBEKÎYA	270	11	18	02	1	7	Cu, Ac	16.6	19	30	1
		GÎZA	270	11	18	02	1	7	Cu, Ac	15.8	20	33	3
	378	HELWÂN	290	19	35	02	2	7	Cu	16.4	18	28	-1
Upper Egypt	381	FAIYÛM	360	8	35	03	2	7	St	18.2	20	33	3
	387	MINYA	310	15	8	01	2	4	Sc	18.1	20	26	0
	393	ASYÛT MANQABÂD	310	13	30	02	1	2	Cu	18.8	19	32	2
	399	NAG' HAMMÂDI	290	6		01	0	1	Ci	18.2	20	33	3
	402	QENA	340	2	35	03	1	5	Cs	17.0	22	29	3
	405	LUXOR											
	414	ASWÂN	340	9	15	03	2	4	As	17.2	21	20	-3
Oases	417	SÎWA	270	11	14	02	1	3	Cu	20.4	19	30	1
	420	BAHARÎYA	320	4	35	02	2	6	Ac	19.0	19	46	7
	423	FARAFRA	270	6	35	02	2	2	Cu	20.7	20	64	13
	432	DAKHLA	340	8	50	00	0	0	—	20.2	19	30	1
	435	KHARGA	340	4		02	2	4	Ci	19.2	20	24	-1
Red Sea	450	SUEZ	310	8	50	03	0	6	Cu	15.4	19	30	1
	459	TÛR											
	462	HURGHADA	360	19	30	02	1	1	Ci	14.9	18	52	8
	465	QUSEIR	20	19	15	03	1	4	Ac	15.2	20	41	6
	641	PORT SUDÂN	20	19	10	07	2	3	Cu, Ci	12.8	25	58	16
North Sudan	600	WÂDI HALFA	360	18	30	03	2	8	Cs	17.0	21	21	-2
	640	ABU HAMAD	360	9	10	02	2	8	Cs		25	10	-9
	660	KAREIMA	20	16	10	07	1	7	Cs	13.4	25	15	-4
	680	'ATBARA	360	18	7	07	2	6	Ac, Cs	9.4	28	16	0
	721	KHARTÛM	360	12	15	05	1	7	Cs	9.5	29	15	0
	730	KASSALA	360	4	30	03	1	4	Ci	3.0	36	27	14
Central Sudan	751	WÂD MEDANI	360	9	35	02	1	1	Ci	7.9	34	14	3
	801	RENK											
	802	ROSEIRES	50	2	35	02	0	3	Ci	2.8	35	25	12
	771	EL OBEID	20	11	10	01	2	6	Cs	9.5	27	15	-2
	760	EL FÂSHER	20	6	15	02	2	4	Ci		27	17	1
	770	GENEINA	50	5	7	05	2	8	Cs		28	10	-6
S. Sudan	840	MALAKÂL	360	11	2	06	2	3		5.3	34	9	-3
	880	WÂU	50	4	4	05	2	8	Cs	5.3	34	19	7
	941	JUBA	270	2	30	01	6	8	Cu, Ac	2.9	37	24	13

At 1800 on Sunday 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.
SALŪM	270	5	15	02	1	4	Cb	16.4	13	67	7	0
SÎDI BARÂNI	300	15	15	02	8	6	Cu, Sc	19.4	13	63	6	dr.
MATRÛH	300	8	12	01	8	3	Cu	18.9	13	72	8	0.2
EL DABA												
ALEXANDRIA	310	15	35	02	8	4	Cb	17.8	14	67	8	1
FOUAD (Airport)	310	11	12	01	8	3	Cu	17.3	14	67	8	Rain
DAMIETTA	220	5		03	2	7	Cb	16.2	13	88	11	Rain
PORT SA'ÎD	270	19	15	01	2	2	Cu	16.1	14	72	9	0
EL 'ARISH												
DAMANHUR	360	5	15	02	5	2	Cu	16.8	12	77	8	dr.
MANSURA	320	5		03	6	4	Cb	17.1	12	88	10	7
TANTA	00	0	35	02	6	0	—	17.3	12	77	8	1
ZAGAZIG	00	0	35	02	2	0	—	17.0	12	77	8	0
ISMA'ÎLÎA												
FAROUK (Airport)	00	0	12	03	2	4	Sc	18.3	14	72	9	0
ALMÂZA	60	2	12	01	1	0	—	17.3	14	67	8	0
EZBEKÎYA	00	0	12	00	0	0	—	17.5	14	63	7	0
GÎZA	00	0	12	00	0	0	—	17.5	11	63	4	0
HELWÂN	290	4	7	01	1	0	—	18.2	14	36	-1	0
FAIYÛM	00	0	35	01	2	5	St	19.0	14	48	3	0
MINYA	310	5		01	1	3	Sc	18.3	14	39	0	0
ASYÛT MANQABÂD	310	3		00	0	0	—	19.5	13	63	6	0
NAG' HAMMÂDI												
QENA	360	2	7	01	1	3	Ci	17.8	17	42	4	0
LUXOR												
ASWÂN	360	6	15	02	1	5	Ci	18.2	17	26	-3	0
SÎWA	270	6	10	03	1	4	Sc	20.3	17	42	4	0
BAHARÎYA	270	2	15	01	2	3	Ac	19.8	15	48	4	0
FARAFRA	290	2	15	02	2	0		21.4	12	77	8	0
DAKHLA	340	8	35	00	0	0	—	22.6	14	48	3	0
KHARGA												
SUEZ	310	4	35	01	0	1	Cu	17.9	14	67	8	0
TÛR												
HURGHADA	340	18	12	02	0	0	—	16.0	15	55	6	0
QUSEIR	310	2	15	03	1	6	Ci	16.7	18	52	8	0
PORT SUDÂN	340	14	18	03	2	8	Sc, Ac	14.2	23	61	15	0
WÂDI HALFA	350	10	30	02	2	3	Ac, Cs	15.5	18	20	-5	0
ABU HAMAD	350	10	10	02	2	8	Cs		19	26	-1	0
KAREIMA	340	13	30	01	1	2	Ac, Ci	15.4	20	13	-8	0
'ATBARA												
KHARTÛM												
KASSALA	360	3	30	02	2	7	Cs	7.0	28	40	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	7	10	01	1	1	Ci	10.5	23	10	-10	0
EL FÂSHER												
GENEINA	30	10	10	05	2	8	Cs		25	9	-11	0
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 3rd March, 1952

Station	Wind 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	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	70	6	15	02	1	2				-	18	-2	7	-3		6	0	Rain	
SÎDI BARÂNI	230	12	15	02	2	6	Cu, Sc	21.1		10	18		10		67	4	dr.	111	
MATRÛH	240	8	18	02	1	3	Sc	21.2	+4.5	12	17		7		77	8	0.2	129	
EL DABA																			
ALEXANDRIA	310	19	50	03	2	4	Cu, Sc	20.0	+3.5	15	17	-3	11	-1	48	4	1	155	171
FOUAD (Airport)	280	15	18	02	1	5	Cu	19.6	+2.7	13	18	-2	12	+2	67	7	1	Rain	133
DAMIETTA	220	2	7	11	1	3	Ac	19.2	+3.0	10	15	-4	8	-2	88	8	1	163	92
PORT SA'ÎD	270	13	15	03	1	7	Cu, Sc	18.5	+1.9	13	16	-3	11	-2	72	8	0	89	
EL 'ARISH	240	10	18	03	1	3	Cu, Sc	17.5	+0.7	12			7		63	5	0	Rain	
DAMANHUR	270	9	15	02	1	4	Cu	19.2	+2.8	11	16	-6	7	-2	77	7	dr.		84
MANSURA	220	5	35	00	0	0	—	19.2	+2.9	10	18	-7	6	-3	82	7	7	56	41
TANTA	220	2	35	02	0	0	—	19.4	+2.6	10	20	-2	6	-2	88	8	1	63	33
ZAGAZIG	00	0	35	02	0	0	—	20.0	+3.3	9	18	-4	7	-1	88	7	0	30	22
ISMA'ÎLÎA																			
FAROUK (Airport)	200	7	13	03	0	2	Ac	20.8		12	19		9		77	8	0	83	
ALMÂZA	180	8	12	03	0	2	Ac	20.5	+3.1	11	19	-3	9	-1	77	7	0	71	
EZBEKÎYA	00	0	12	02	1	3	Ac	20.6	+3.7	11	20	-3	9	0	77	7	0	60	19
GÎZA	00	0	12	02	1	3	Ac	20.3	+3.3	12	21	-2	7	0	77	8	0	58	19
HELWÂN	00	0	7	05	0	1	Ac	21.8	+4.8	10	19	-3	8	-2	76	6	0	59	20
FAIYÛM	00	0	35	01	1	1	St	21.8	+5.2	12	21	-3	7	-2	77	8	0	23	7
MINYA	00	0	8	00	0	0	—	20.7	+2.3	10	21	-2	5	-1	71	5	0	5	
ASYÛT MANQABÂD	290	4	8	10	0	0	—	21.9	+4.6	11	20	-3	8	0	63	4	0	3	
NAG' HAMMÂDI																			
QENA	320	1	15	00	0	0	—	20.8	+5.1	12	23	-5	7	-3	63	5	0	2	
LUXOR	180	2	30	00	0	0	—	20.3	+4.0	13			6		31	-4	0	dr.	
ASWÂN	300	4	50	00	0	0	—	21.1	+4.8	14	22	-6	9	-4	48	3	0	dr.	
SÎWA	00	0	14	00	0	0	—	23.3	+4.9	10	20	-3	6	-1	67	4	0	25	7
BAHARÎYA	00	0	35	02	0	0	—	22.6	+5.2	12	20	-4	6	-2	77	8	0	1	7
FARAFRA	00	0	15	02	0	0	—	23.3		13	21		5		67	7	0	Rain	
DAKHLA	340	8	50	00	0	0	—	23.1	+5.8	12	21	-5	6	-2	44	0	0	dr.	
KHARGA																			
SUEZ	40	4	50	00	0	0	—	19.6	+3.4	12	21	-2	10	-1	77	8	0	44	12
TÛR																			12
HURGHADA	290	8	30	02	0	1	Cu	18.7	+2.6	16	19	-2	8	-3	45	4	0	0	
QUSEIR	330	9	15	02	0	0	—	19.1	+4.2	18	20	-4	13	-3	32	1	0	dr.	4
PORT SUDÂN	340	16	30	03	2	7	Ac, Cs	15.9		22	26		18		69	16	0	211	94
WÂDI HALFA											23								
ABU HAMAD											26								
KAREIMA	10	16	30	03	1	5	Ac, Ci			15	26		11		23	-6	0	dr.	1
'ATBARA	360	18	7	07	2	6	Ac, Cs	15.5		17	29		14		18	-8	0	0	2
KHARTÛM	360	17	30	03	0	1	Ac	15.4		17	31		15		28	-2	0	0.6	4
KASSALA	20	9	30	02	0	0	—	11.3		22	36		17		65	15	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES	310	2	35	02	0	0	—	13.2		21	36		18		21	-2	0	92	37
EL OBEID	10	13	10	02	0	0	—	15.7		17	29		14		22	-5	0	15	16
EL FÂSHER	20	6	30	01	1	0	—			15	30		12		30	-3	0	13	6
GENEINA	40	11	30	02	2	8	Cs			16	32		15		18	-8	0		4
MALAKÂL																			88
WÂU	20	7	15	02	1	0	—	12.2		30	35		21		14	0	0	166	151
JUBA	360	8	13	05	1	1	Ac	13.1		28	37		22		19	2	dr.	228	163

HUMIDITY

Station	Mean of day on 2nd	Diff. from normal
Alexandria	64	-1
Ezbekiya	62	+1
Giza	62	-3
Helwân	50	+2

GIZA GRASS MINIMUM TEMP. ON 3rd 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 ..... At .....

Pressure 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

Height m.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	S. Barani Dir.	S. Barani Vel.	Siwa Dir.	Siwa Vel.
Time	14		14		14		14		14		14		14		14	
300	280	16	330	21	300	19	320	24	360	26	350	16	320	14	300	19
600	260	21	330	11	300	23	330	26	350	32	340	18	340	17	310	19
1000	260	27	330	11	300	23	310	11	350	30	340	20	340	17	300	20
1500	260	29	340	24	300	25			350	23	300	25			300	23
2000	270	57													300	21
3000	250	36													310	25
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 3rd

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 Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.		
Time							3				7 30		2				4							
300							260	14			190	4	300	3			320	6						
600							270	14			270	8	290	17			340	9						
1000							270	13			310	16	300	14			340	13						
1500							280	7					320	21			350	18						
2000																	350	20						
3000																	350	24						
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								4	
300																								
600											10	30			10	30							20	31
1000											10	19			10	30							20	63
1500											360	11			10	30							60	29
2000																								
3000											300	20			330	11								
4000																							30	24
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.

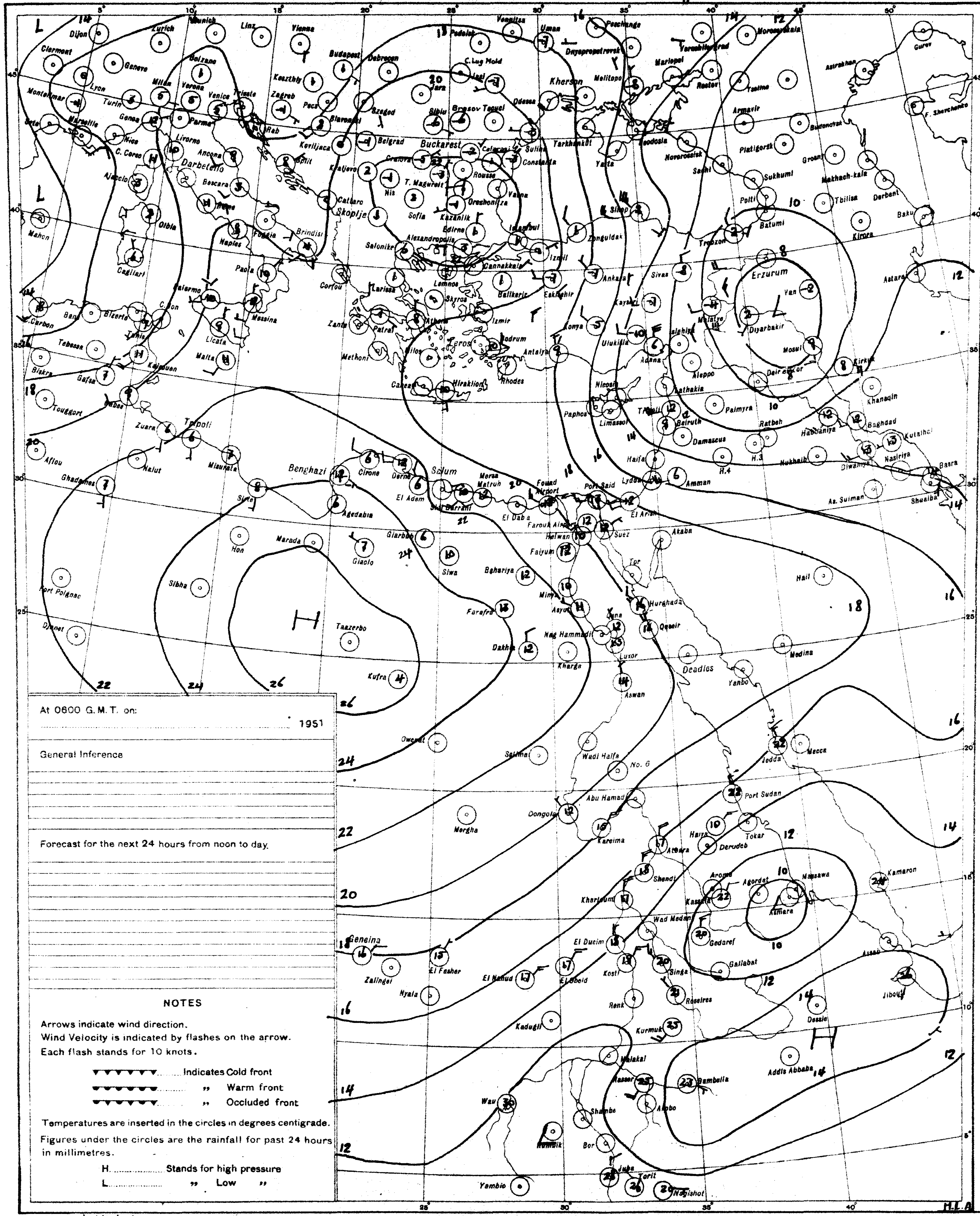
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 3/3/1952



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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

CAIRO

Time of Sunrise 04 18 G.M.T.

" " Sunset 15 56 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: TUESDAY 4th MARCH 1951

At 1200 on MONDAY 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	320	9	15	03	1	5	Cb	20.2	18	52	8
	303	SIDI BARANI	300	14	18	02	2	7	Sc, Cu	21.6	16	59	8
	306	MATRUH											
	309	EL DABA	320	6	35	03	2	8	St		15	68	9
		ALEXANDRIA	310	22	50	03	2	8	Cu, Sc	20.2	15	68	9
	318	FOUAD (Airport)											
	330	DAMIETTA	290	13	7	03	5	7	Cu, Sc	19.2	16	68	9
	333	PORT SA'ID											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR											
	342	MANSURA	320	5	35	02	1	3	Cb	19.5	18	52	8
	348	TANTA	270	8	35	03	2	5	Cu	19.2	19	46	7
	354	ZAGAZIG	220	2	50	03	1	6	Cu	19.0	19	52	9
	441	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMAZA	300	9	14	03	2	7	Sc	19.5	17	49	6
		EZBEKIYA	360	2	16	02	1	7	Cu	19.8	18	46	6
		GIZA	360	2	15	02	1	7	Cu	19.0	19	46	7
	378	HELWAN	270	13	35	03	2	7	Cu	20.7	17	42	4
UPPER EGYPT	381	FAIYUM	360	4	35	03	1	4	Sc	20.1	20	33	3
	387	MINYA	340	12	16	01	1	1	Cu	19.6	20	35	4
	393	ASYUT MANQABAD	350	12	30	00	0	0	—	20.2	19	46	7
	399	NAG' HAMMADI											
	402	QENA											
	405	LUXOR											
	414	ASWAN											
OASES	417	SIWA											
	420	BAHARIYA	360	1	35	02	0	0	—	21.5	19	52	9
	423	FARAFRA	320	3	35	02	0	0	—	21.6	21	41	7
	432	DAKHLA	360	11	50	00	0	0	—	20.3	21	33	4
	435	KHARGA											
RED SEA	450	SUEZ	310	8	50	03	0	5	Cu	18.6	19	37	5
	459	TOR	310	13	50	02	0	0	—	17.9	19	46	7
	462	HURGHADA	350	17	30	02	0	0	—	16.7	18	60	10
	465	QUSEIR	20	13	15	02	0	0	—	17.2	21	50	10
	641	PORT SUDAN	20	22	7	09	2	7	Cu, Cb	13.3	25	54	15
NORTH SUDAN	600	WADI HALFA	20	17	30	02	2	6	Cs	17.8	22	16	-5
	640	ABU HAMAD	360	8	30	01	2	8	Ac, Cs		25	10	-9
	660	KAREIMA	20	13	30	02	1	6	Cs	14.6	25	14	-5
	680	'ATBARA	360	15	7	07	2	1	Ac	10.8			-12
	721	KHARTUM	20	16	15	05	0	0	—	11.4	29	14	-1
	780	KASSALA	30	7	30	02	0	0	—	6.3	32	31	13
CENTRAL SUDAN	751	WAD MEDANI			35	02	0	0	—	8.3	31	11	-3
	801	RENK	310	13	35	02	0	0	—	8.2	32	9	-5
	802	ROSEIRES	310	5	35	02	0	0	—		34	12	0
	771	EL OBEID	40	13	30	02	0	0	—	11.5	27	5	-16
	760	EL FASHER	50	9	30	03	0	2	Ci		26	16	-2
	770	GENEINA	40	11	30	02	2	8	Cs		28		
S. SUDAN	840	MALAKAL											
	880	WAU	20	9	10	05	0	0	—	6.3	34	10	-2
	941	JUBA	360	9	10	05	2	0		3.8	37	10	0

At 1800 on MONDAY 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	340	5	15	02	1	0	—		14	55	5	0
303	SIDI BARANI	300	10	15	02	1	2	Sc		14	55	5	0
306	MATRUH												
309	EL DABA	270	1	7	03	2	6	Sc, Cu		13	77	9	0
	ALEXANDRIA	330	15	35	03	2	7	As	19.9	15	59	7	0
318	FOUAD (Airport)												
330	DAMIETTA	250	5		01	1	3	Cu	19.5	13	88	11	dr.
333	PORT SA'ID	300	8	12	02	3	1	Sc	18.7	14	77	10	dr.
336	EL 'ARISH												
339	DAMANHUR	360	5	15	02	1	2	Cu	19.9	13	77	9	0
342	MANSURA	270	5		00	1	0	—	19.6	13	77	9	0
348	TANTA	00	0	35	03	2	5	Cu	19.2	13	67	7	0
354	ZAGAZIG	220	1	35	02	1	0	—	19.5	12	88	10	0
441	ISMA'ILIA												
366	FAROUK (Airport)												
372	ALMAZA												
	EZBEKIYA	00	0	12	00	0	3	Cu	19.9	15	68	9	0
	GIZA	00	0	12	00	0	3	Cu	19.8	14	67	8	0
378	HELWAN	00	0	15	01	1	1	Sc	20.3	15	59	7	0
381	FAIYUM	00	0	35	01	0	0	—	18.9	16	49	5	0
387	MINYA	20	2	8	00	0	0	—	19.0	12	63	5	0
393	ASYUT MANQABAD	40	2	12	00	0	0	—	20.5	14	55	5	0
399	NAG' HAMMADI	00	0	7	00	0	0	—	18.7	14	67	8	0
402	QENA	00	0	7	00	0	0	—	17.6	17	52	7	0
405	LUXOR												
414	ASWAN	360	4	15	00	0	0	—	18.0	18	26	-1	0
417	SIWA	270	4	10	00	0	0	—	21.9	15	48	4	0
420	BAHARIYA	00	0	15	02	0	0	—	21.5	14	67	8	0
423	FARAFRA	360	1	15	02	0	0	—	22.2	14	55	5	0
432	DAKHLA	320	8	35	00	0	0	—	22.6	15	39	1	0
435	KHARGA	00	0	15	00	0	0	—	20.3	15	30	-3	0
450	SUEZ	360	5	35	01	0	2	Cu	19.1	15	59	7	0
459	TOR	310	24	15	02	0	0	—	17.4	18	46	6	0
462	HURGHADA												
465	QUSEIR	270	2	15	02	0	0	—	17.4	19	52	9	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 TUESDAY 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.	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	9	18	03	1	2				12	19	-1	8	-2	77	8	0	Rain	
SIDI BARANI	230	7	15	02	1	2	Cb, Ci	19.5		9	18		7		71	4	0	111	
MATRUH	220	7	18	03	1	4	Cu, Cs	19.7	+3.0	10			7		88	8	0	129	
EL DABA	270	6	15	03	2	8	St			12	17		8		77	8	0	Rain	
ALEXANDRIA	310	9	50	02	2	4	Cb, Ci	19.1	+2.6	15	18	-2	13	+1	68	9	0	156	172
FOUAD (Airport)																			133
DAMIETTA	220	5	7	01	1	2	Ac	18.8	+2.6	12	16	-3	9	-1	88	10	dr.	163	92
PORT SA'ID	260	11	6	02	0	7	Sc	18.0	+1.4	12	18	-1	12	-1	88	10	dr.	89	
EL 'ARISH	240	6		02	0	8	Cu, Sc	18.0	+1.3	12			10		88	10	2	162	
DAMANHUR	270	9	7	02	0	0	—	19.2	+2.9	11	17	-5	7	-2	88	9	0	81	84
MANSURA	220	5	35	00	0	0	—	19.0	+2.7	11	19	-3	7	-2	88	9	0	56	41
TANTA	00	0	35	02	0	0	—	18.7	+1.9	10	20	-3	7	-1	88	8	0	64	33
ZAGAZIG	00	0	35	02	0	0	—	19.2	+2.5	10	20	-2	7	-1	88	8	0	30	22
ISMA'ILIA																			
FAROUK (Airport)																			
ALMAZA	260	3	12	03	0	2	Ci	19.5	+2.1	13			10	0	77	9	0	71	
EZBEKIYA	00	0	12	00	0	0	—	19.5	+2.7	12	20	-3	9	0	77	8	0	60	19
GIZA	00	0	12	00	0	0	—	19.1	+2.1	14	20	-3	7	0	67	8	0	58	19
HELWAN	00	0	7	03	0	0	—	20.4	+3.4	11	18	-4	9	-1	88	9	0	59	20
FAIYUM	00	0	35	02	0	0	—	20.3	+3.7	12	21	-3	7	-2	77	8	0	23	7
MINYA	00	0	8	00	0	0	—	19.8	+1.5	9	20	-3	4	-3	88	7	0	5	
ASYUT MANQABAD	280	2	8	10	0	0	—	20.1	+2.8	11	20	-4	7	-1	63	4	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	19.8	+3.3	12	22	-3	6	-1	63	5	0	0.1	
QENA	270	1	15	00	0	0	—	19.2	+3.6	12	25	-3	6	-4	44	0	0	2	
LUXOR	00	0	30	00	0	0	—	19.5	+3.3	12			6		55	3	0	dr.	
ASWAN	360	5	50	00	0	0	—	18.7	+2.5	13	23	-5	10	-3	44	1	0	dr.	
SIWA	00	0	14	00	0	0	—	21.4	+3.0	10	21	-3	10	+3	76	6	0	25	7
BAHARIYA	00	0	35	02	0	0	—	21.1	+3.8	11	20	-4	4	-4	77	7	0	1	7
FARAFRA	240	1	35	02	0	0	—	21.4		11	21		2		63	4	0	Rain	
DAKHLA	00	0	50	00	0	0	—	20.2	+3.0	9	22	-5	5	-3	62	2	0	dr.	
KHARGA	00	0	15	00	0	0	—	20.0	+3.3	10	22	-5	6	-4	50	0	0	dr.	
SUEZ	00	0	50	00	0	1	Sc	18.3	+2.7	11	21	-2	8	-3	88	9	0	44	12
TOR	360	24	50	02	0	1	Ci	17.6	+2.1								0	1	12
HURGHADA	290	13	50	02	0	0	—	17.4	+1.4	14			10	-1	59	6	0	0	
QUSEIR	330	9	15	02	0	0	—	17.8	+2.9	18	21	-3	14	-2	52	8	0	dr.	4
PORT SUDAN	340	14	50	02	2	8	Sc, Cc	14.2		21	26		17		44	8	0	211	94
WADI HALFA	350	1	50	03	0	6	Cs	18.5		12	24		8		38	-2	0	dr.	
ABU HAMAD	360	6	50	03	2	7	Cb, Cs			14	25		7		27	-5	0		
KAREIMA	50	7	30	02	1	3	Cs	16.2		15	26		11		25	-5	0	dr.	1
'ATBARA	10	11	30	03	1	4	Ac, Cs	13.7		17	30		13		32	0	0	0	2
KHARTUM	360	12	30	01	1	3	Ci	12.7		18	30		14		30	0	0	0.6	4
KASSALA	40	9	30	03	0	2	Cs	10.4		21	33		17		61	13	0	49	8
WAD MEDANI	50	13	50	01	1	3	Ci	11.7		19	32		14		12	-11	0	20	12
RENK	210	9	35	02	0	0	—	13.4		19	33				28	0	0		
ROSEIRES	310	2	35	02	0	0	—	11.6		22	35		17		21	-1	0	92	37
EL OBEID	10	10	30	03	0	1	Ci	13.8		16	28		12		22	-6	0	15	16
EL FASHER																			
GENEINA																			
MALAKAL	310	3	10	05	0	6	Ac, Ci	10.8		21	35		18		27	1	0	166	152
WAU	310	6	10	05	0	6	Cs	9.4		27	38				20	2	0	228	164
JUBA																			

HUMIDITY % Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	54	-11
Ezbekiya	68	+7
Giza	69	+4
Helwan	62	+14

GIZA GRASS MINIMUM TEMP. ON 4th 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 ..... At .....

PRESSURE 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 .....

STATION																												
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.	DIR.	VEL.	DIR.	VEL.
300																												
600																												
1000																												
1500																												
2000																												
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 4th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Almaza	
TIME	8						8		7				8		8				8		8		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	280	12					290	16	250	17			40	4	10	4			350	8	340	16	280	7
600	300	9					310	21	260	18			350	7	360	11			40	10	340	15	270	5
1000	320	12					310	14	290	15			330	11	350	16			30	18	340	14	280	6
1500	310	14					310	14	310	10			310	15	350	9			40	13	330	7		
2000	270	19							290	12			300	15	310	8			20	7	350	17		
3000															290	15								
4000															290	17								
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		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			200	5	350	9	10	13	20	12														
600			210	6	340	13	20	18	20	16	30	5	20	19	20	27								
1000			210	7	350	23	10	21	20	9	50	20	30	22	20	25			20	34				
1500	290	7	220	4	340	16	40	14	50	15	40	13	50	24	30	16			50	19				
2000	280	11	150	10			40	8							330	14								
3000	310	10	100	14			280	8	350	9	360	15	360	5	300	13			340	12				
4000	300	23									300	12			250	9								
5000	290	24							300	27					260	19								
6000	280	30																						
7000	290	30																						
8000	280	40																						

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.

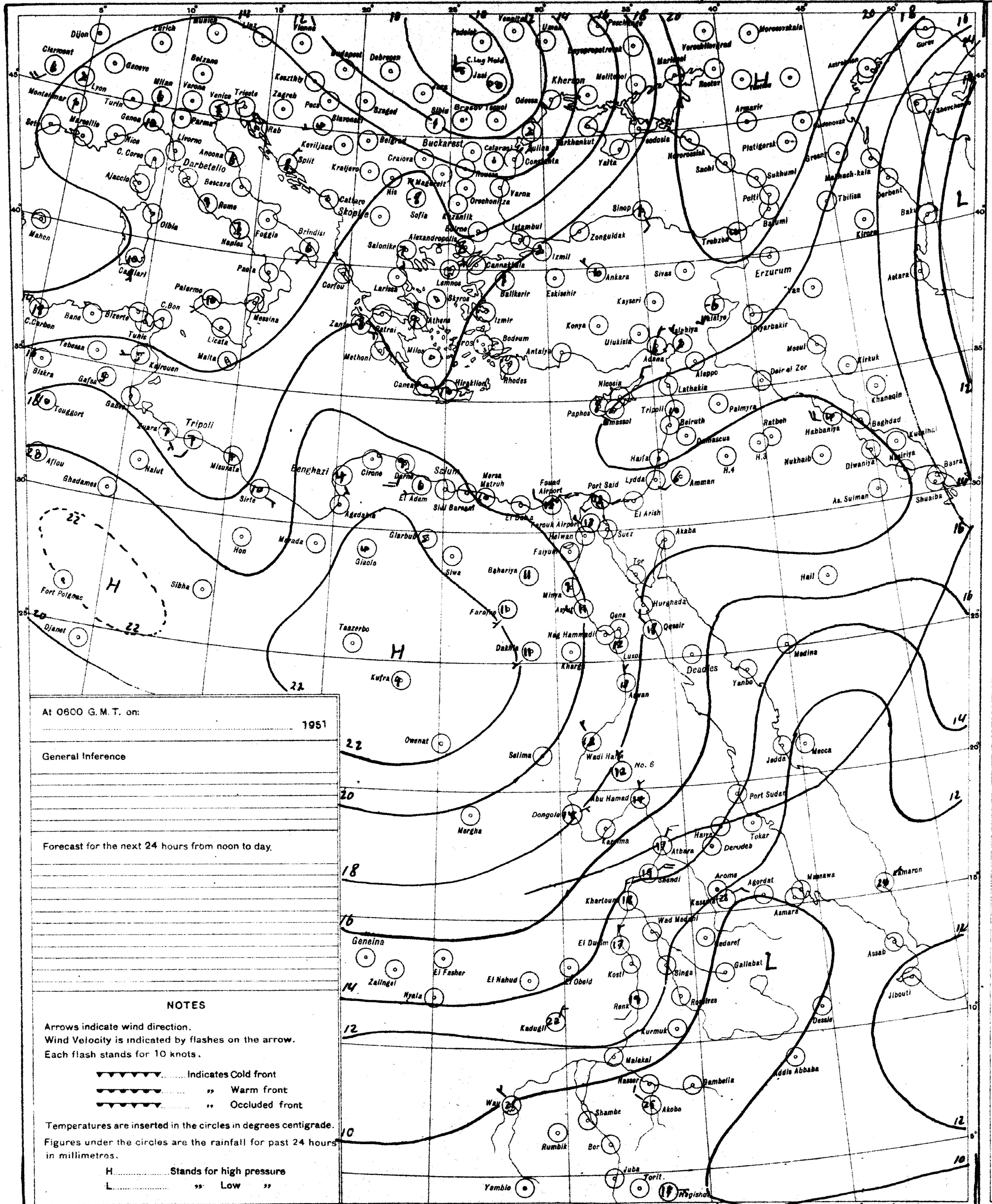
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 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 ,,

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 17 G.M.T.
" " Sunset 15 57 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 5th March, 1951

At 1200 on Tuesday 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	SALŪM	70	9	35	02	1	3	Cu	17.2	16	59	8
	308	SĪDI BARĀNI	300	10	18	02	1	2	Cu	17.9	16	59	8
	306	MATRŪH											
	309	EL DABA'	320	7	35	08	1	4	cb		17	52	7
		ALEXANDRIA	310	11	50	02	2	4	Cu	17.8	17	60	9
	318	FOUAD (Airport)											
	330	DAMIETTA	320	2	15	03	1	4	Cu	17.9	17	60	9
	338	PORT SA'ID	10	9	30	01	1	2	SC	17.2	16	68	10
	336	EL 'ARISH	230	10	18	02	2	6	Cu, AC	17.2	16	68	10
LOWER EGYPT	339	DAMANHUR	310	5	15	02	1	3	Cu	17.6	18	60	10
	342	MANSURA	320	5	35	03	2	5	Cu	17.6	19	52	9
	348	TANTA	00	0	35	03	2	8	Cu	17.2	18	60	10
	354	ZAGAZIG	220	1	50	03	1	3	Cu	18.2	20	46	8
	441	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMAZA	290	9	30	02	2	6	Cu	17.5	19	46	7
		EZBEKIYA	00	0	18	02	1	5	Cu	17.5	19	40	5
		GIZA	00	0	18	02	1	5	Cu	17.0	19	46	7
	378	HELWAN	00	0	15	03	2	8	Cu, Cu	18.3	18	37	3
UPPER EGYPT	381	FAIYUM	360	4	35	03	1	2	St	17.6	20	46	8
	387	MINYA	40	6	8	01	1	1	Cu	16.8	20	41	6
	393	ASYUT MANQABAD	350	10	30	00	0	0	—	17.0	21	44	8
	399	NAG' HAMMADI	290	1	15	01	0	2	ac	16.3	24	38	4
	402	QENA	290	1	50	00	0	0	—	15.0	25	34	8
	405	LUXOR											
	414	ASWAN	340	6	50	00	0	0	—	14.4	24	26	3
OASES	417	SIWA			14	02	1	4	Ci	19.9	20		
	420	BAHARIYA	360	2	35	02	1	3	AC	18.0	20	46	8
	423	FARAFRA	360	1	35	02	2	1	Cu	16.7	21	50	10
	432	DAKHLA	360	11	50	00	0	0	—	18.0	21	33	4
	435	KHARGA	360	1	15	00	0	0	—	16.8	22	21	-1
RED SEA	450	SUEZ	180	5	50	03	0	4	Cu	16.2	20	46	8
	459	TOR											
	462	HURGHADA	10	16	30	02	0	0	—	15.6	20	41	6
	465	QUSEIR	20	19	15	02	0	0	—	15.9	21	57	12
	641	PORT SUDAN	20	24	10	07	2	6	Sc, Ac	10.5	25	51	14
NORTH SUDAN	600	WADI HALFA	20	12	50	01	1	3	Cc	14.4	24	17	-3
	640	ABU HAMAD	360	8	30	01	2	4	ac, Cu		27	9	-8
	660	KAREIMA	20	11	30	01	1	1	ac	11.6	26	11	-7
	680	'ATBARA											
	721	KHARTUM	20		30	03	1	5	AC	8.2	29	19	3
	730	KASSALA											
CENTRAL SUDAN	751	WAD MEDANI											
	801	RENK	310	13	35	02	0	0	—	6.0	32	9	-5
	802	ROSEIRES											
	771	EL OBEID	240	24	30	02	0	0	—	8.1	27	9	-9
	760	EL FASHER											
	770	GENEINA											
S. SUDAN	840	MALAKAL	360	14	30	02	2	8	CS	4.0	34	9	-4
	880	WAU	360	5	10	05	2	7	CS	5.5	33	10	-3
	941	JUBA	360	7	30	04	2	6	Ac, Cu	2.9	36	9	-2

At 1800 on Tuesday 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.
SALŪM												
SĪDI BARĀNI												
MATRŪH												
EL DABA'												
ALEXANDRIA	360	6	35	00	0	0	—	17.9	15	59	7	0
FOUAD (Airport)												
DAMIETTA	320	2		01	1	2	Cu	17.9	14	88	12	0
PORT SA'ID	40	6	14	03	1	7	SC	17.3	15	72	10	0
EL 'ARISH												
DAMANHUR	360	9	15	02	0	0	—	17.5	14	77	10	0
MANSURA	20	3		03	2	5	Cu	18.0	14	77	10	0
TANTA												
ZAGAZIG	00	0	35	02	0	0	—	17.5	16	68	10	0
ISMA'ILIA												
FAROUK (Airport)												
ALMAZA	280	2	12	00	0	0	—	16.7	17	52	7	0
EZBEKIYA	00	0	12	02	1	1	Cu	17.0	15	59	7	0
GIZA	00	0	12	02	1	1	Cu	17.1	12	77	8	0
HELWAN	360	4	7	01	2	0	—	17.5	15	48	4	0
FAIYUM	00	0	35	03	2	6	St	16.3	14	67	8	0
MINYA	00	0	8	00	1	0	—	15.9	14	59	6	0
ASYUT MANQABAD	260	3	10	00	0	0	—	16.0	15	68	9	0
NAG' HAMMADI	00	0	7	00	0	0	—	15.9	17	60	9	0
QENA	290	1	7	00	0	0	—	15.4	18	60	10	0
LUXOR												
ASWAN	360	4	15	00	0	0	—	13.9	20	33	3	0
SIWA												
BAHARIYA	00	0	15	02	1	0	—	18.3	16	59	8	0
FARAFRA												
DAKHLA												
KHARGA												
SUEZ												
TOR												
HURGHADA												
QUSEIR	330	2	15	02	0	0	—	16.3	18	49	7	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Wednesday 5th March, 1952

Station	Wind 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	02	1	4		13.3	3.2	13			8	2	55	4	0	Rain	
SIDI BARANI	180	14	18	02	2	6	Cs	14.7		11			7		71	6	0	111	
MATRUH	160	11	18	02	0	4	Ci	16.0	-0.7	11			8		88	9	0	129	
EL DABA'																			
ALEXANDRIA											19	-1							172
FOUAD (Airport)	150	3	18	03	0	4	Ci	17.0	+0.2	12			7	-3	44	11	0	Rain	134
DAMIETTA											18	-1							93
PORT SA'ID											17	-2							
EL 'ARISH																			
DAMANHUR	130	5	7	02	0	0	—	17.4	+1.1	12	20	-2	8	-1	88	10	0	81	85
MANSURA	360	3	35	00	0	0	—	17.0	+0.7	13	20	-2	8	-1	88	11	0	56	42
TANTA																			33
ZAGAZIG											22	0							22
ISMA'ILIA																			
FAROUK (Airport)	120	8	12	00	0	0	—	17.7		15			10		68	9	0	83	
ALMAZA	90	5	12	00	0	0	—	16.7	-0.6	13	21	-1	11	+1	67	7	0	71	
EZBEKIYA	00	0	12	00	0	0	—	16.6	-0.2	13	21	-2	9	0	67	7	0	60	19
GIZA	00	0	12	00	0	0	—	16.8	-0.2	11	22	0	6	-1	88	9	0	58	19
HELWAN	20	5	7	05	0	0	—	17.1	+0.2	13	19	-4	12	+2	77	9	0	59	20
FAIYUM	00	0	35	02	0	0	—	17.2	+0.4	13	21	-3	7	-2	77	9	0	23	7
MINYA											21	-2							
ASYUT MANQABAD											21	-3							
NAG' HAMMADI	00	0	7	00	0	0	—	16.4	0.0	15	25	0	7	0	63	8	0	0.1	
QENA	320	7	15	00	0	0	—	15.9	+0.3	13	27	-1	8	-2	67	7	0	2	
LUXOR	00	0	30	00	0	0	—	15.4	-0.8	15			3		48	4	0	dr.	
ASWAN	360	8	35	00	0	0	—	14.8	-1.3	15	25	-3	12	-1	59	7	0	dr.	
SIWA																			7
BAHARIYA	00	0	35	02	0	0	—	18.0	+0.7	13	22		5	-3	55	4	0	1	7
FARAFRA	220	1	35	02	0	0	—	17.9		9					62	2	0	Rain	
DAKHLA																			
KHARGA	00	0	15	00	0	0	—	16.8	+0.1	12			6	-4	63	5	0	dr.	
SUEZ											22	-1							12
TOR																			12
HURGHADA	320	6	30	02	0	1	Cu	14.5	-1.5	16			9	-2	42	3	0	0	
QUSEIR											21	-3							4
PORT SUDAN	320	18	30	03	2	7	SC, AC	11.9		21	27		16		65	14	0	211	94
WADI HALFA	350	4	50	02	0	0	—	15.5		13	25		9		38	-1	0	dr.	
ABU HAMAD	20	10	30	02	0	0	—			18	29		14		24	-3	0		
KAREIMA	50	8	30	01	0	1	ac	13.3		16	28		13		28	-3	0	dr.	1
'ATBARA																			2
KHARTUM	340	10	30	01	2	3	ac, Cu	10.8		19	31		16		28	0	0	0.6	4
KASSALA	210	3	30	03	2	6	ac, Cs	9.0		21	33		12		47	9	0	49	8
WAD MEDANI																			12
RENK	310	5	50	02	1	3	Ci	11.0		20	34		13		35	4	0		49
ROSEIRES	310	2	35	02	0	0	—	10.6		21	36		15		17	-5	0	92	37
EL OBEID	360	10	30	02	1	4	Cs	12.1		17	29		13		19	-7	0	15	16
EL FASHER																			6
GENEINA																			4
MALAKAL	20	13	30	03	2	8	CS	9.4		23	35		18		27	3	0	94	88
WAU																			152
JUBA	310	2	7	05	2	8	CS	7.9		29	37		20		14	-1	0	228	165

HUMIDITY % Mean of day

STATION	on 4th	Diff. from normal
Alexandria		
Ezbekiya	65	+4
Giza	68	+3
Helwan	62	+14

GIZA GRASS MINIMUM TEMP. ON 5th 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 ..... 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 4th

Station	Port Said		Almaza		Suwa		Minya		Asyut		Dakhla		Kharga		Hurghada						Minya		Helwan		Port Said	
Time	14		14		14		14		14		14		14		14						10 45		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	9	20	3	260	3	70	10	320	9	340	25	350	14	10	13					40	4	60	14	360	9
600	340	10	360	4	250	2	80	10	340	10	330	15	340	16	350	18					30	3	60	11	10	9
1000	310	9	20	3	260	3	100	12	320	7	330	14	350	16	340	19					10	5	340	4	10	4
1500	290	12	360	6	280	10	150	23	350	10	350	13	360	12	320	22					330	11	210	3	30	3
2000	280	15	360	14	260	13			290	10													60	4	10	13
3000					310	15			270	16																
4000					310	21																				
5000					300	20																				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Said		El 'Arīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		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							130	11					10	5									
600							140	10					30	6									
1000							140	9					10	8									
1500							160	5					300	13									
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sīwa		Bahariya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time			5						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			260	5					20	12														
600			260	4					30	18	10	19	30	21	360	8							30	21
1000			230	3					40	23	10	15	50	19	20	21	320	5	20	23	20	9	20	18
1500			220	2					20	12	40	9	50	7	30	8	350	4	80	6	50	8	290	5
2000			290	9					150	2					40	2	180	1	290	8	340	3		
3000			50	14					220	5	350	19	270	7	270	22	340	5	270	11			230	3
4000											10	6											250	3
5000									250	5														
6000																								
7000																								
8000																								

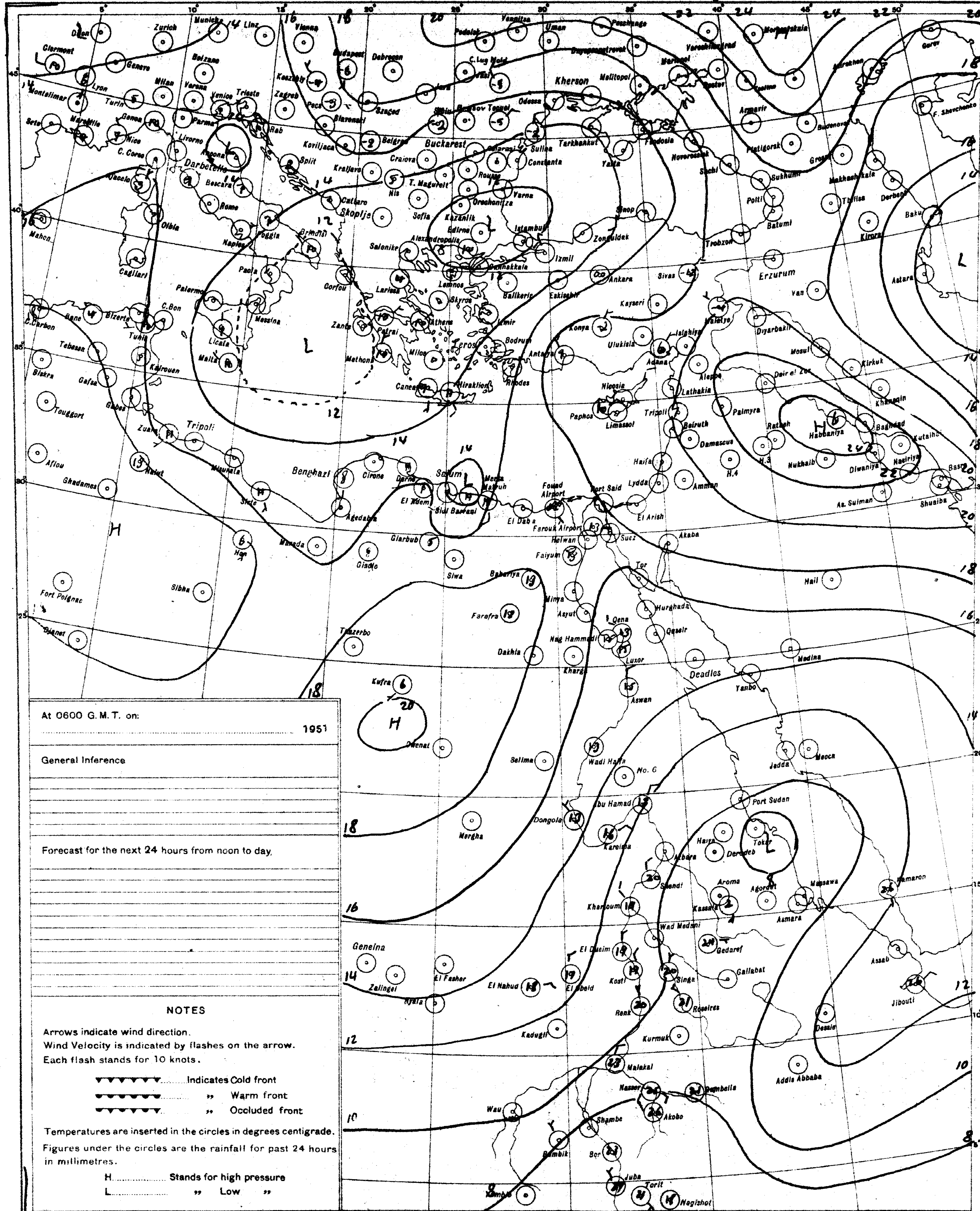
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 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
	,, 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 04 16 G.M.T.
" " Sunset 15 57 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 6th March, 1952

At 1200 on Wednesday 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	290	9	35	02	1	0	—	13.1	21	26	1
	303	SÎDI BARÂNI											
	306	MATRÛH	260	6	18	02	2	6	Cu, Cs	14.3	22	31	4
	309	EL DABA	70	9	35	03	2	7	St		18	52	8
		ALEXANDRIA	360	11	50	03	2	4	Cs	15.5	17	60	9
	318	FOUAD (Airport)	350	13	18	02	1	5	Cu, Ci	15.5	18	56	9
	330	DAMIETTA	40	5	15	03	1	5	Cu, Ac	15.0	17	68	11
	333	PORT SA'ID	60	10	30	03	0	4	Ci	14.9	17	64	10
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	1	2	Cu	15.0	18	52	8
	342	MANSURA	160	5	35	03	2	4	Cu	15.1	21	50	10
	348	TANTA	00	0	35	03	2	5	Cu	15.0	21	41	7
	354	ZAGAZIG	00	0	50	03	1	3	Cu	15.1	20	56	11
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	270	5	30	02	1	3	Cu, Ci	15.1	20	35	4
	372	ALMAZA	30	8	18	02	1	4	Cb, Ci	14.1	21	35	5
		EZBEKIYA	350	2	18	02	1	1	Cu	14.0	22	36	6
		GIZA	350	2	18	02	1	1	Cu	14.2	21	41	1
	378	HELWÂN	270	6	15	01	1	1	Cu	14.2	21	33	4
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	13.8	21	41	7
	387	MINYA	350	6	10	00	0	0	—	13.2	22	31	4
	393	ASYUT MANQABÂD	230	10	30	00	0	0	—	13.7	22	36	6
	399	NAG' HAMMÂDI	250	1	15	00	0	0	—	13.4	24	32	6
	402	QENA	320	1	50	00	0	0	—	12.2	26	30	7
	405	LUXOR	340	2	30	00	0	0	—	12.1	25	19	0
	414	ASWÂN	340	4	50	00	0	0	—	11.1	26	18	0
Oases	417	SÎWA	270	5	14	00	0	0	—	15.5	22	19	-3
	420	BAHARIYA	270	2	35	02	0	0	—	15.2	22	44	9
	423	FARAFRA	00	0	35	02	0	0	—	15.4	23	38	8
	432	DAKHLA	360	11	50	00	0	0	—	15.8	23	32	5
	435	KHARGA	00	0	15	00	0	0	—	15.0	22	25	1
Red Sea	450	SUEZ	360	4	50	03	0	2	Cu	13.8	20	41	6
	459	TOR	360	2	50	02	0	0	—	13.4	20	56	11
	462	HURGHADA	20	20	30	00	1	0	—	11.3	18	60	10
	465	QUSEIR	360	24	15	02	0	0	—	11.4	22	57	13
	641	PORT SÛDÂN	40	13	30	02	2	3	Cu, Ac	10.2	25	65	18
North Sudan	600	WÂDI HALFA	330	4	50	02	0	0	—	10.9	26	17	-1
	640	ABU HAMAD	20	4	30	02	0	0	—		30	12	-2
	660	KAREIMA	160	2	30	02	0	0	—	8.9	29	18	2
	680	'ATBARA	350	6	30	02	1	2	Ac, Cs	6.7	30	18	3
	721	KHARTÛM	20	5	30	02	0	1	Ci	6.7	31	16	2
	730	KASSALA	270	3	30	01	2	7	Cs	3.8	35	16	6
Central Sudan	751	WÂD MEDANI	310	2	35	02	0	0	—	5.2	32	9	-5
	801	RENK	310	9	35	02	1	5	Ci	5.5	35	16	6
	802	ROSEIRES	310	2	35	02	0	0	—	5.4	36	7	-6
	771	EL OBEID	340	7	30	02	0	2	Ci	7.5	30	7	-9
	760	EL FÂSHER	90	3	30	03	0	1	Ac, Ci		29	17	1
	770	GENEINA	20	5	30	02	0	1	Ci		29	29	9
S. Sudan	840	MALAKÂL	340	7	50	02	2	8	Cs	3.6	35	18	7
	880	WÂU	340	6	30	05	2	8	Cs	4.6	35	9	-3
	941	JUBA											

At 1800 on Wednesday 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	360	5	15	02	1	0	—	11.9	15	68	9	0
SÎDI BARÂNI	120	5	15	00	0	0	—	12.7	14	67	8	0
MATRÛH												
EL DABA	00	0	7	00	0	0	—		13	77	9	0
ALEXANDRIA	90	11	35	00	0	0	—		14	67	8	0
FOUAD (Airport)												
DAMIETTA	360	8	15	02	1	5	Ac	14.9	15	77	11	0
PORT SA'ID	60	14	15	02	1	1	Ci	14.4	15	72	10	0
EL 'ARISH												
DAMANHUR	40	9	7	00	0	0	—	15.1	13	77	9	0
MANSURA	20	5		00	1	0	—		14	77	10	0
TANTA	00	0	35	01	2	3	Cu	14.9	13	77	9	0
ZAGAZIG	00	0	35	02	1	0	—	14.3	15	77	11	0
ISMA'ILIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	00	0	12	02	1	1	Ci	14.3	16	59	8	0
GIZA	00	0	12	02	1	1	Ci	15.2	16	49	5	0
HELWÂN	340	5	15	02	0	1	Ci	14.4	17	42	4	0
FAIYÛM	00	0	35	03	1	2	St	13.1	15	68	9	0
MINYA	00	0	8	00	0	0	—	12.8	14	52	4	0
ASYUT MANQABÂD	00	0	10	00	0	0	—	13.9	17	42	4	0
NAG' HAMMÂDI	00	0		00	0	0	—	13.3	16	59	8	0
QENA	290	1	7	00	0	0	—	12.7	17	52	7	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	11.4	21	26	1	0
SÎWA	00	0	10	00	0	0	—	15.0	15	39	1	0
BAHARIYA	00	0	15	02	0	0	—	15.1	17	52	7	0
FARAFRA	00	0	50	02	0	0	—	15.1	15	40	4	0
DAKHLA	320	8	35	00	0	0	—	16.8	18	28	-1	0
KHARGA	00	0	15	00	0	0	—	15.8	16	24	-5	0
SUEZ	360	10	35	03	0	3	Cu	13.8	17	52	7	0
TOR	310	2	7	02	0	0	—	11.4	17	52	7	0
HURGHADA	340	7	12	00	0	0	—	11.7	17	52	7	0
QUSEIR	360	2	15	02	0	0	—	12.3	18	68	12	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 Thursday 6th March, 1952

Station	Wind 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	5	15	01	1	0	—	11.0	-5.5	14	22	+2	10	0	48	3	0	Rain	
SÎDI BARÂNI	190	5	18	00	0	0	—	11.3		9	22		7		54	0	0	111	
MATRÛH																			
EL DABA	200	6	15	00	0	0	—			13	22		6		67	7	0	Rain	
ALEXANDRIA	130	14	35	04	0	0	—	13.6	-2.8	13	19	-1	11	-1	77	9	0	156	172
FOUAD (Airport)	130	8	18	02	0	0	—	13.6	-3.2	12			8	-2	88	10	0	163	134
DAMIETTA	200	2	7	11	0	0	—	13.8	-2.3	13	19	0	9	-1	88	11	0	163	93
PORT SA'ID	260	8	12	02	0	0	—	13.4	3.1	15	18	-1	12	-1	72	10	0	89	
EL 'ARISH																			
DAMANHUR	180	9		02	0	0	—	13.9	-2.4	12	19	-3	8	-1	88	10	0	81	85
MANSURA	360	5	35	00	4	0	—	14.3	-2.0	13	22	0	8	-1	88	11	0	56	42
TANTA	00	0	35	02	0	0	—	14.3	-2.5	9	22	-1	5	-3	97	9	0	44	33
ZAGAZIG	00	0	35	02	0	0	—	13.5	-3.1	8	22	-1	4	-4	88	6	0	30	22
ISMA'ILIA																			
FAROUK (Airport)	00	0	12	02	0	1	Ac	15.0		14			9		67	8	0	83	
ALMAZA	00	0	18	00	0	0	—	13.8	-3.5	11			10	0	82	8	0	71	
EZBEKIYA	00	0	12	00	0	0	—	14.0	-2.7	13	23	-1	9	-1	63	6	0	60	19
GIZA	00	0	12	00	0	0	—	14.2	-2.7	14	23	0	6	-1	55	5	0	58	19
HELWÂN	00	0	7	05	0	0	—	14.6	-2.3	14	22	-1	10	0	55	5	0	59	20
FAIYÛM	00	0	35	02	0	0	—			15	23	-1	7	-2	68	9	0	23	7
MINYA	00	0	8	00	0	0	—			11	23	0	5	-2	71	6	0	5	
ASYUT MANQABÂD	00	0	8	10	0	0	—	15.5	-1.6	12	23	-1	8	0	72	7	0	3	
NAG' HAMMÂDI	00	0	7	01	0	1	As	15.1	-1.3	14	26	+1	7	-1	55	5	0	0.1	
QENA	290	1	15	00	0	0	—	14.4	-1.1	14	27	-2	9	-1	55	5	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	14.2	-1.8	18	27	-2	12	-1	28	-1	0	dr.	
SÎWA	00	0	14	02	2	5	Ci	13.9	-4.4	11	24	0	7	0	51	1	0	25	7
BAHARIYA	00	0	35	02	0	0	—	15.4	-1.8	13	24	0	5	-3	47	1	0	1	7
FARAFRA	00	0	35	02	0	0	—	15.8		10	24		2		62	3	0	Rain	
DAKHLA	20	5	50	00	0	0	—	15.1	-1.9	9	24	-3	5	-4	47	-2	0	dr.	
KHARGA	00	0	15	00	0	0	—	15.1	-1.5	12	24	-3	7	-3	31	-5	0	dr.	
SUEZ	00	0	50	00	0	0	—	14.0	-2.1	12	23	0	8	-3	63	5	0	44	13
TOR	360	5	50	02	0	0	—	13.9	-2.4	15	22	-1	10	-2	59	7	0	1	12
HURGHADA	30	6	30	02	0	0	—	12.6	-3.3	18	21	-1	10	-1	46	6	0	0	
QUSEIR	310	2	15	02	0	0	—	12.6	-2.2	19	22	-2	14	-2	37	4	0	dr.	4
PORT SÛDÂN	310	3	30	01	0	0	—	12.1		22	26		17		74	17	0	211	94
WÂDI HALFA	360	2	30	02	0	1	Cs	14.4		13	27		9		36	-2	0	dr.	
ABU HAMAD																			
KAREIMA																			1
'ATBARA	350	13	10	07	0	0	—	12.1		19	31		14		19	-5	0	0	2
KHARTÛM	360	10	30	03	0	2	Cs	10.5		21	31		18		33	4	0	0.6	4
KASSALA	220	1	30	03	1	1	Cs	9.0		21			12		53	11	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			37
EL OBEID	10	13	30	02	0	3	Ci	11.0		19	31		13		13	-10	0	15	16
EL FÂSHER	60	3	30	03	0	7	Ac, Cs			15	31		9		25	-5	0	13	6
GENEINA	50	7	30	02	2	7	Cs			16	32		14		12	-14	0		4
MALAKÂL	70	16	30	03	2	8	Ac, Cs	8.2		24	36		20		12	-8	dr.	94	88
WÂU	340	2	10	04	2	8	Ac, Cs	8.6		23	36		19		34	6	0	166	153
JUBA	180	5	10	04	2	8	Cs	8.4		27	37		18		23	4	0	228	166

HUMIDITY % Mean of day

Station	on 5th	Diff. from normal
Alexandria	65	0
Ezbeklya	58	-3
Giza	64	-1
Helwân	52	+4

GIZA GRASS MINIMUM TEMP ON 6th 3.3 °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 5th

Station	Port Said		Abnaza		Minya		Dakhla		Kharga		Hurghada		Asyut		S. Barani		Siwa								Minya	
Time	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	30	17	10	10	350	7	330	10	40	9	360	7	310	19	290	10	280	10							340	7
600	30	18	350	12	350	8	330	10	360	5	10	5	310	27	260	11	300	8							330	11
1000	340	10	10	12	320	9	330	13	360	4	360	11	310	27	270	17	300	9							320	11
1500	330	4	40	6	300	16	330	11			340	16	340	7	280	14	310	10							320	15
2000			190	5									350	6	260	16	320	21								
3000			250	10									300	9			290	18								
4000			260	30													190	22								
5000			260	20																						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabâd		Luxor		Aswân		Hurghada			
Time	8		8		2		8						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	240	7	220	17	170	14	270	2					360	7	30	3			340	4				
600	300	8	230	13	200	7	350	9					360	7	350	5			360	13				
1000	320	8			270	11	350	6					10	9	350	13			360	8				
1500	240	10	250	9	280	9							20	15	320	20			300	19				
2000	260	12	240	18											320	18								
3000	280	32																						
4000	280	35																						
5000	290	36																						
6000	290	37																						
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		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	240	13	340	13	330	3	40	2	10	9														
600	280	15	340	16	330	4	360	16	20	13					360	21							20	31
1000	280	21	320	19	350	4	360	10	10	15					10	19			10	25	30	7	20	40
1500	290	23	320	15	360	23	340	22	360	17					30	5			00	0	40	10	40	13
2000	290	28	360	13	360	25	320	13	330	15									290	24	280	8	250	5
3000	280	33													250	30			260	13	290	20	180	9
4000	290	40																						
5000	300	35																	260	17	240	16	250	5
6000																			220	21				
7000																								
8000																								

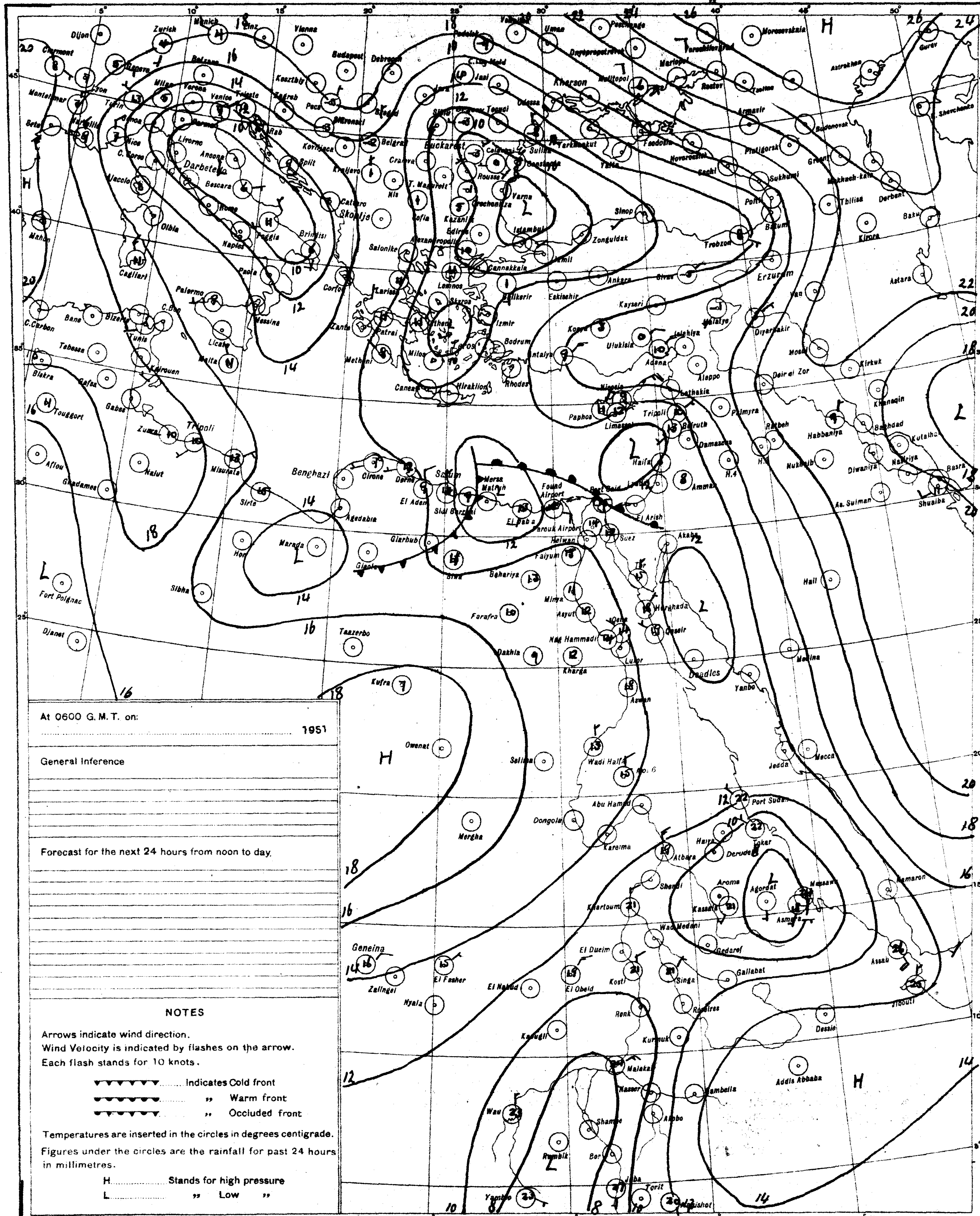
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 6/3/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 15 G. M. T.

" " Sunset 15 58 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 7th March, 1951

At 1200 on Thursday 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	20	9	35	03	1	4	Ci	11.5	17	77	13
	303	SIDI BARANI	360	10	30	02	1	2	CS	10.9	17	68	11
	306	MATRUH	330	9	18	01	0	1	Ci	10.8	20	41	6
	309	EL DABA	270	3	35	00	0	0	—		19	46	7
		ALEXANDRIA	360	10	50	00	0	0	—	12.1	21	33	4
	318	FOUAD (Airport)	300	13	18	02	0	0	—	11.9	22	31	4
	330	DAMIETTA	40	5	15	01	0	1	Cu		18	60	10
	338	PORT SA'ID	20	5	14	01	0	0	—	13.1	17	64	10
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	130	5	15	02	0	0	—	12.8	24	32	6
	342	MANSURA	340	5	35	00	0	0	—	13.0	22	44	9
	348	TANTA	00	0	35	02	0	0	—	12.7	23	32	5
	354	ZAGAZIG	220	2	50	02	0	0	—	13.5	23	44	10
	441	ISMAILIA											
CAIRO AREA	366	FAROUK (Airport)	320	7	30	03	0	1	Cu	12.7	22	29	3
	372	ALMAZA	290	10	18	00	0	0	—	12.8	22	31	4
		EZBEKIYA	00	0	18	00	0	0	—	12.6	24	26	3
		GIZA	00	0	18	00	0	0	—	13.1	25	28	5
	378	HELWAN	180	3	35	02	0	0	—	13.8	23	24	1
UPPER EGYPT	381	FAIYUM	00	0	35	02	0	0	—	12.6	25	28	5
	387	MINYA	310	2	10	00	0	0	—	12.5	24	28	4
	393	ASYUT MANQABAD	320	6	30	00	0	0	—	13.6	23	38	8
	399	NAG' HAMMADI	270	2	15	00	0	0	—	13.5	24	32	6
	402	QENA	290	1	50	00	0	0	—	12.9	26	30	7
	405	LUXOR	320	7	30	00	0	0	—	12.1	24	21	0
	414	ASWAN	360	3	50	00	0	0	—	12.0	25	17	-2
OASES	417	SIWA	260	7	14	02	2	5	Ci	12.8	26	10	-8
	420	BAHARIYA	00	0	35	02	1	3	ac	13.4	25	42	11
	423	FARAFRA	220	2	35	02	2	2	ac	14.7	27	33	9
	432	DAKHLA	340	11	50	00	0	0	—	14.4	24	26	3
	435	KHARGA	00	0	35	00	0	0	—		25	22	2
RED SEA	450	SUEZ	180	5	50	02	0	0	—	12.3	22	36	6
	459	TOR	310	24	50	02	0	0	—	11.5	21	41	7
	462	HURGHADA	350	17	18	02	0	0	—	11.1	21	44	8
	465	QUSEIR	20	9	15	02	0	0	—	11.8	23	44	10
	641	PORT SUDAN	50	13	30	02	0	1	Cu	9.7	26	58	17
NORTH SUDAN	600	WADI HALFA	40	10	50	03	0	1	Ci	12.7	27	10	-7
	640	ABU HAMAD	310	3	30	03	1	5	CS		29	11	-4
	660	KAREIMA											
	680	'ATBARA	360	7	30	02	0	1	ac	6.8	31	8	-8
	721	KHARTUM	330	11	30	03	0	2	Ci	7.0	31	22	7
	730	KASSALA	340	3	30	02	0	0	—	3.8	36	15	6
CENTRAL SUDAN	751	WAD MEDANI	310	2	35	01	1	6	Ci	5.0	33	7	-7
	801	RENK		9	35	02	2		Cu	4.6	35	30	15
	802	ROSEIRES											
	771	EL OBEID	40	4	50	03	1	5	Ci	6.8	30	8	-8
	760	EL FASHER	50	6	30	02	2	5	Ci		28	15	-1
	770	GENEINA	60	3	30	02	2	8	CS		30		
S. SUDAN	840	MALAKAL	50	6	30	03	2	8	ac,cs	3.3	36	3	-15
	880	WAU	50		30	02	2	7		1.3	37	8	-2
	941	JUBA	140	2	30	04	2		ac,cs	1.4	37	10	0

At 1800 on Thursday 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												
SIDI BARANI												
MATRUH												
EL DABA												
ALEXANDRIA	90	18	35	00	0	0	—	11.6	16			0
FOUAD (Airport)												
DAMIETTA												
PORT SA'ID	110	16	14	02	0	0	—	12.1	15	72	10	0
EL 'ARISH												
DAMANHUR	130	9	7	02	0	0	—	12.0	15	68	9	0
MANSURA	40	13		00	0	0	—	12.4	14	77	10	0
TANTA												
ZAGAZIG	220	1	35	02	0	0	—	11.9	17	60	9	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	00	0	12	00	0	0	—	11.8	18	46	6	0
GIZA	00	0	12	00	0	0	—	12.8	18	52	8	0
HELWAN	140	5	15	02	0	0	—	12.2	19	30	1	0
FAIYUM												
MINYA	170	3	8	00	0	0	—	12.9	14	52	4	0
ASYUT MANQABAD	220	3	10	00	0	0	—	13.7	19	37	4	0
NAG' HAMMADI	00	0	7	01	0	2	as	13.5	17	60	9	0
QENA	00	0	7	00	0	0	—	12.8	16	59	8	0
LUXOR												
ASWAN	360	3	50	00	0	0	—	12.7	21	20	-3	0
SIWA												
BAHARIYA	00	0	15	02	1	0	—	13.5	16	49	5	0
FARAFRA												
DAKHLA												
KHARGA	00	0	15	00	0	0	—	14.0	19	16	-8	0
SUEZ												
TOR	360	19	7	02	0	0	—	12.0	19	37	4	0
HURGHADA	320	14	12	02	0	0	—	12.7	17	52	6	0
QUSEIR	360	2	15	02	0	0	—	11.7	20	46	8	0
PORT SUDAN	320	4	30	03	1	2	sc	9.5	24	74	19	0
WADI HALFA	360	6	50	02	0	1	CS	12.9	20	21	-3	0
ABU HAMAD	60	2	30	02	0	2	Ci		23	13	-7	0
KAREIMA	340	9	30	02	0	0	—	10.6	22	13	-8	0
'ATBARA	340	3	30	03	2	7	CS	8.8	25	17	-2	0
KHARTUM	340	7	30	02	2	7	ac,CS	7.6	26	27	5	0
KASSALA	20	2	30	02	1	4	CS	6.8	24	30	5	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	4	30	01	2	6	CS	8.3	23	12	-8	0
EL FASHER	80	7	50	03	1	1	ac		25	21	1	0
GENEINA	20	3	30	01	2	8	CS		27	10	-7	0
MALAKAL												
WAU	340		30	02	2	8	CS	2.8	31	19	5	0
JUBA	00	0	30	01	2	7	ac,CS	2.5	29	18	2	0

At 0600 on Friday 7th March, 1952

STATION	WIND 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	33	15	00	0	0	—	12.3	-4.2	11			8	-2	88	9	0	Rain	
SIDI BARANI	230	10	18	02	0	1	SC	12.0		11			9		82	8	0	111	
MATRUH																			
EL DABA	270	4	15	00	0	0	—			14			9		88	12	0	Rain	
ALEXANDRIA											23	+2							173
FOUAD (Airport)	260	11	18	02	0	0	—	11.0	-5.8	17			8	-3	72	12	0	163	134
DAMIETTA	160	5	15	00	0	0	—	11.1	-5.0	14			12	+2	77	10	0	163	93
PORT SA'ID	190	17	14	02	0	0	—	10.4	-6.1	15	19	0	13	0	55	6	0	89	
EL 'ARISH																			
DAMANHUR	40	5	7	02	0	0	—			13	25	+3	9	0	72	8	0	81	85
MANSURA	220	9	35	00	0	0	—	11.1	-5.1	13	23	+1	8	-1	67	7	0	56	42
TANTA	220	2	35	02	0	0	—	12.0	-4.8	13			8	0	77	9	0	64	33
ZAGAZIG	220	2	35	02	0	0	—	11.1	-5.3	15	24	+1	4	-4	48	4	0	30	22
ISMAILIA																			
FAROUK (Airport)																			
ALMAZA	180	16	18	00	0	0	—	11.8	-5.4	17			13	+3	32	0	0	71	
EZBEKIYA	180	2	12	00	0	0	—	12.0	-4.7	15	26	+2	13	+3	39	1	0	60	19
GIZA	180	2	12	00	0	0	—	12.4	-4.5	16	26	+3	12	+5	42	3	0	58	19
HELWAN								13.1	-3.7	14	24	+1	12	+2	36	-1	0	59	20
FAIYUM	00	0	35	02	0	0	—			15			7	-2	68	9	0	23	7
MINYA	180	7	10	00	0	0	—	13.8	-4.3	12	24	+1	8	+1	55	3	0	5	
ASYUT MANQABAD	00	0	8	10	0	0	—	15.3	-1.7	16	24	0	9	+1	55	6	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	16.0	-0.3	13	25	0	7	-1	67	7	0	0.1	
QENA	00	0	50	00	0	0	—	17.0	+1.6	13	28	-1	7	-3	77	9	0	2	
LUXOR																			
ASWAN	00	0	50	00	0	0	—	16.7	+0.9	17	26	-3	11	-3	34	1	0	dr.	
SIWA	280	4	14	00	0	0	—	14.4	-3.9	11			7	0	77	7	0	25	7
BAHARIYA	280	2	35	02	0	0	—	13.6	-3.6	15	27	+3	8	0	48	4	0	1	7
FARAFRA	180	2	35	02	2	0	—	14.8		15			10		48	4	0	Rain	
DAKHLA	00	0	35	02	0	0	—	16.0	-1.0	11			7	-2	51	1	0	dr.	
KHARGA	00	0	15	00	0	0	—	16.4	-0.1	14	26	-1	7	-3	36	-1	0	dr.	
SUEZ	220	8	50	00	0	0	—	13.9	-2.1				10	-3			0	44	13
TOR	180	5	35	02	0	0	—	14.7	-0.6		22	-1	9	-3			0	1	12
HURGHADA	200	2	30	02	0	0	—	14.8	-1.1	15	21	-1	10	-1	48	4	0	0	
QUSEIR	310	5	15	02	0	0	—	14.7	-0.1	21	23	-1	14	-2			0	dr.	4
PORT SUDAN											27								94
WADI HALFA	310	1	50	03	1	3	Ci	16.1		13	27		10		29	-5	0	dr.	
ABU HAMAD	360	4	30	02	0	1	Ci			19	31		13		19	-5	0		
KAREIMA	20	5	30	03	0	3	CS	13.5		16	30		13		17	-9	0	dr.	1
'ATBARA	10	14	10	07	1	3	CS	11.3		21	32		14		17	-5	0	0	2
KHARTUM	360	10	30	03	1	6	CS	11.2		20	32		15		69	14	0	0.6	4
KASSALA	20	1	30	03	2	7	CS	8.8		23	37		14		53	13	0	49	8
WAD MEDANI	360	5	35	02	1	3	Ci	9.3		21	34		12		17	-5	0	20	12
RENK	360	2	35	02	1	4	ac	12.0		22	36		16		31	4	0		49
ROSEIRES	310	2	35	02	0	4	Ci	10.1		23	37		16		57	13	0	92	37
EL OBEID	350	8	30	03	1	5	Ci	11.8		18	32		13		13	-11	0	15	16
EL FASHER											30								6
GENEINA	50	4	30	02	2	8	ac,CS			18	32		17				0		4
MALAKAL	40	5	30	01	2	8	ac,CS	8.0		25	37		20		13	-6	0	94	89
WAU											38								153
JUBA	180	3	30	04	2	3	ac,Ci	7.7		28	38		22		27	7	0	228	167

HUMIDITY % Mean of day

STATION	on 6th	Diff. from normal
Alexandria		
Ezbeklya	49	-12
Giza	50	-15
Helwan	39	-9

GIZA GRASS MINIMUM TEMP ON 7th 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 ..... At .....

PRESSURE 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 6th

STATION	Asyut		Minya		Dakhla		Siwa		Kharga																	
TIME	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	250	5	60	3	340	8	280	16	20	6																
600	320	7	40	2	340	8	280	16	360	8																
1000	340	10	290	7	340	7	280	17	340	7																
1500	350	13	260	10	350	5	270	16																		
2000	320	17	250	9	350	10	260	23																		
3000							260	29																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME	8				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	250	7			280	16							210	30	200	12					100	9	
600	270	12			290	16							240	2	220	13					150	10	
1000	270	14			280	16							250	16	240	20					210	7	
1500	280	16			280	18							250	22	240	26					140	2	
2000	270	14			280	20									250	30							
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		4		4		5		5		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	280	11			90	3	200	8	40	9														
600	270	12			20	7	200	12	50	24	40	19	70	13	10	23	90	3						
1000	290	20			10	17	210	11	30	15	50	11	30	15	20	23	40	7	30	26	30	15		
1500	270	25			250	23	270	8	60	20	50	6	10	9	30	9	90	5	100	8	70	14		
2000	280	23									260	3							180	3	150	6		
3000	280	26							280	8	270	14	250	14	270	27	280	15	320	13	220	8		
4000	270	36													260	17								
5000																	230	5			350	8		
6000																								
7000																								
8000																								

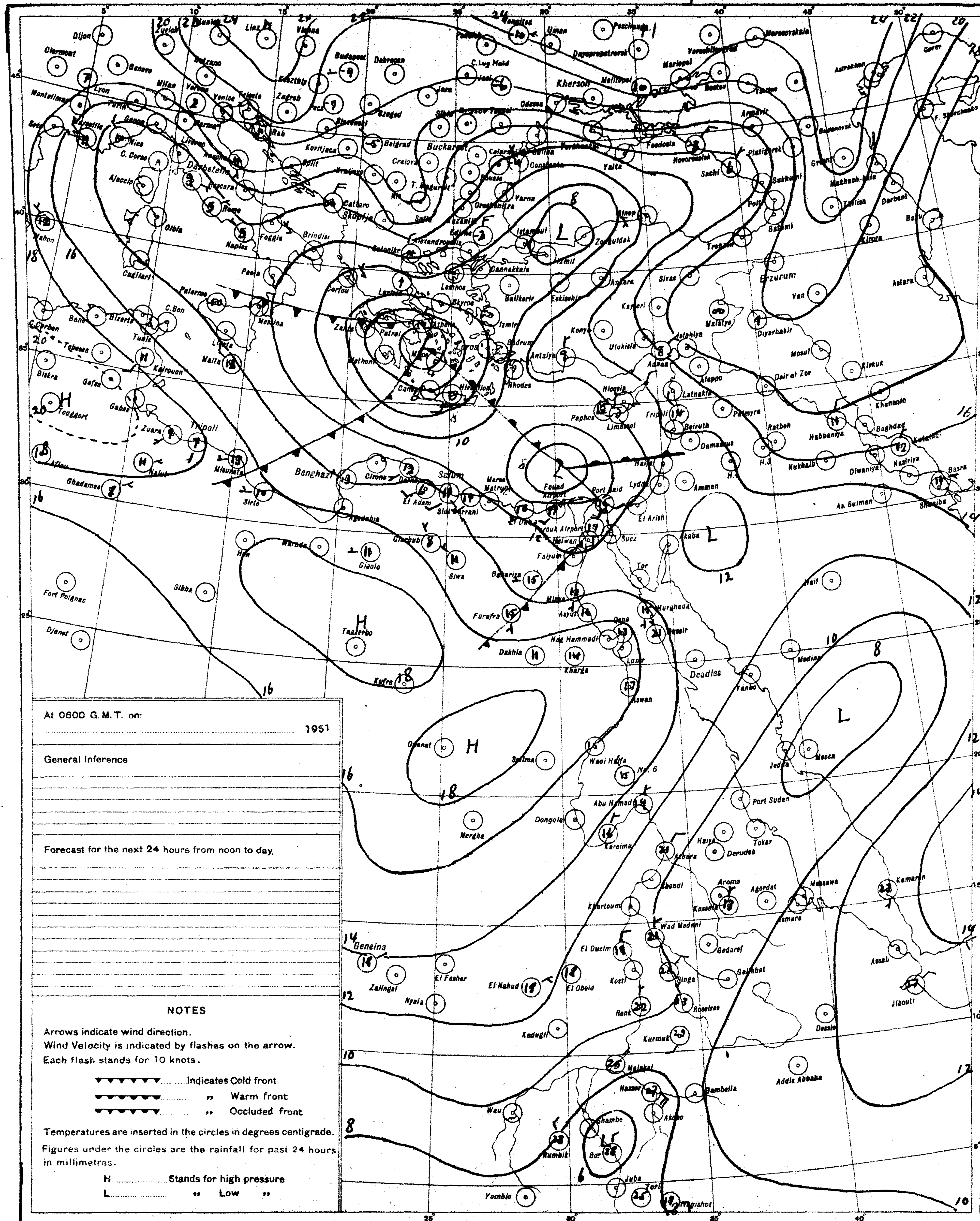
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 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 ,,

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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 24 14 G.M.T.
" " Sunset 15 59 G.M.T.

DAILY WEATHER REPORT

Date: Saturday 8th March, 1951

At 1200 on Friday 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	250	13	35	09	3	6	Cs	11.2	21	33	4
	303	SIDI BARANI	290	11	30	02	2	6	CS	11.7	18	49	7
	306	MATRUH	320	12	30	03	0	4	CS	12.4	18	60	10
	309	EL DABA	320	3	35	00	0	0	—		18	60	10
		ALEXANDRIA											
	318	FOUAD (Airport)	280	17	18	01	1	0	—	12.6	19	64	12
	330	DAMIETTA	140	5	15	00	0	0	—	12.0	20	56	11
	333	PORT SA'ID	290	14	30	02	0	0	—	10.8	22	47	10
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	360	9	15	02	1	1	Cu	12.8	23	44	10
	342	MANSURA	320	9	35	00	0	0	—	11.9	24	38	9
	348	TANTA	220	5	35	01	1	4	Cu	11.0	25	28	5
	354	ZAGAZIG											
	441	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)	320	14	18	00	0	0	—	12.7	24	47	12
	372	ALMAZA	260	15	30	00	0	0	—	12.0	25	22	2
		EZBEKIYA	270	4	18	00	0	0	—	12.0	26	13	-5
		GIZA	270	4	18	00	0	0	—	12.6	26	18	0
	378	HELWAN	200	8	50	02	0	0	—	11.6	25	17	-2
UPPER EGYPT	381	FAIYUM											
	387	MINYA	160	8	12	00	0	0	—	12.5	28	22	4
	393	ASYUT MANQABAD	270	13	12	00	0	0	—	13.3	28	22	4
	399	NAG' HAMMADI	00	0	15	00	0	0	—	14.6	26	25	4
	402	QENA											
	405	LUXOR	270	5	30	00	0	0	—	14.0	27	15	-2
	414	ASWAN											
OASES	417	SIWA	270	10	14	00	0	0	—	14.6	22	20	-2
	420	BAHARIYA	320	3	35	02	0	0	—	13.6	25	42	11
	423	FARAFRA	320	5	15	02	2	5	Ac, Ci	15.2	26	37	10
	432	DAKHLA	340	8	50	00	0	0	—	14.0	26	25	4
	435	KHARGA	00	0	15	00	0	0	—	13.6	29	19	3
RED SEA	450	SUEZ	220	7	50	02	0	0	—	11.9	23	38	8
	459	TOR	360	9	50	02	0	0	—	12.2	24	32	6
	462	HURGHADA	110	12	30	02	0	0	—		23	50	12
	465	QUSEIR	90	5	15	02	0	0	—	14.4	23	44	10
	641	PORT SUDAN											
NORTH SUDAN	600	WADI HALFA											
	640	ABU HAMAD	20	4	30	02	0	0	—		31	11	-3
	660	KAREIMA	20	9	30	02	1	6	CS	9.8	30	21	5
	680	'ATBARA	330	8	30	02	1	2	CS	7.5	32	11	-2
	721	KHARTUM	340	1	30	02	2	6	CS	7.5	33	20	7
	730	KASSALA	360	6	30	01	2	4	CS	3.7	37	25	11
CENTRAL SUDAN	751	WAD MEDANI	310	2	35	02	0	0	—	5.2			-5
	801	RENK	310	9	35	02	1	5	Ci	5.0	36	19	9
	802	ROSEIRES											
	771	EL OBEID	10	13	30	01	2	5	CS	7.0	31	6	-10
	760	EL FASHER	10	3	30	03	1	7	Ci		30	19	4
	770	GENEINA											
S. SUDAN	840	MALAKAL	50	8	30	01	2	8	Ci	3.9	37	11	1
	880	WAU	20	9	30	01	2	8	Ac, Cs	3.0	37	11	1

At 1800 on Friday 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALUM	320	9	15	03	3	6	Sc, Cu	11.9	16	77	12	0
	303	SIDI BARANI	280	9	15	03	1	7	Sc, Ac	11.2	16	52	6	0
	306	MATRUH												
	309	EL DABA	00	0	7	00	0	0	—		12	97	12	0
		ALEXANDRIA	360	5	35	03	2	4	Cc	13.3	15	77	11	0
	318	FOUAD (Airport)												
	330	DAMIETTA	320	2		00	0	1	Ac	12.8	17	68	11	0
	333	PORT SA'ID	330	13	12	02	0	0	—	12.7	16	77	12	0
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHUR	360	5	15	02	0	0	—	13.0	14	67	8	0
	342	MANSURA	360	5		00	0	0	—	12.7	16	68	10	0
	348	TANTA	220	2	35	02	1	0	—	13.4	15	77	11	0
	354	ZAGAZIG	00	0	35	02	0	0	—	13.3	17	60	9	0
	441	ISMA'ILIA												
CAIRO AREA	366	FAROUK (Airport)	70	2	13	00	0	0	—	14.2	18	56	9	0
	372	ALMAZA												
		EZBEKIYA	00	0	12	00	0	0	—	13.4	17	52	7	0
		GIZA	00	0	12	00	0	0	—	14.0	17	42	4	0
	378	HELWAN	290	3	15	02	0	0	—	13.1	20	17	-6	0
UPPER EGYPT	381	FAIYUM	00	0	35	02	0	0	—	14.2	17	52	7	0
	387	MINYA	00	0	8	00	0	0	—	13.[illegible]	18	37	3	0
	393	ASYUT MANQABAD	250	5	10	00	0	0	—	14.3	20	28	1	0
	399	NAG' HAMMADI	00	0	7	00	0	0	—	14.0	18	52	8	0
	402	QENA	00	0	7	00	0	0	—	13.9	18	52	8	0
	405	LUXOR	00	0	12	00	0	0	—	13.8	19	37	4	0
	414	ASWAN	00	0	15	00	0	0	—	14.2	21	26	1	0
OASES	417	SIWA	270	6	10	00	0	0	—	14.7	17	42	4	0
	420	BAHARIYA	00	0	15	02	0	0	—	14.2	17	52	7	0
	423	FARAFRA	270	1	7	02	2	0	—	15.8	18	46	6	0
	432	DAKHLA	340	8	35	00	0	0	—	14.7	21	27	1	0
	435	KHARGA	00	0	15	00	0	0	—	14.8	20	60	12	0
RED SEA	450	SUEZ	40	9		02	0	0	—	13.5	20	41	6	0
	459	TOR	160	7	12	02	0	0	—	13.5	18	68	12	0
	462	HURGHADA												
	465	QUSEIR	310	5	15	02	0	0	—	14.4	21	57	12	0
	641	PORT SUDAN												
NORTH SUDAN	600	WADI HALFA												
	640	ABU HAMAD												
	660	KAREIMA												
	680	'ATBARA												
	721	KHARTUM												
	730	KASSALA												
CENTRAL SUDAN	751	WAD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID												
	760	EL FASHER												
	770	GENEINA												
S. SUDAN	840	MALAKAL												
	880	WAU												
	941	JUBA												

At 0600 on Saturday 8th March, 1952

STATION	WIND 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	13	15	00	1	1	Ci	15.6	-0.9	13	22	+2	8	-2	77	9	0	Rain	
SIDI BARANI	310	12	18	00	0	0	—	14.5		14	20		13		52	4	0	111	
MATRUH	250	12	30	03	0	1	Sc	15.0	-1.7	12			9		77	8	0	124	
EL DABA	470	6	15	00	0	0	—			15	18		9		68	9	0	Rain	
ALEXANDRIA	310	20	50	01	2	2	Cu	13.6	-2.8	16	19	-2	9	-3	77	12	0	156	173
FOUAD (Airport)	290	15	12	03	0	4	Sc	13.5	-3.2	16			10	-1	82	13	0	143	134
DAMIETTA	110	2	15	11	0	0	—	14.0	-2.1	15	21	+2	15	+5	77	11	0	163	94
PORT SA'ID	190	13	12	02	0	0	—	12.5	-3.9	16	23	+4	14	+1	68	10	0	89	
EL 'ARISH																			
DAMANHUR	270	9	7	02	0	0	—	13.8	-2.5	14	25	+3	10	+1	67	6	0	81	86
MANSURA	180	5		00	0	0	—	13.6	-2.6	13	25	+3	9	0	77	8	0	56	43
TANTA	120	2	35	02	0	0	—	14.0	-2.8	12	25	+2	8	0	88	10	0	64	33
ZAGAZIG	00	0	35	02	0	0	—	13.8	-2.7	13	25	+2	9	+1	55	4	0	30	22
ISMA'ILIA																			
FAROUK (Airport)	200	17	15	00	0	0	—	15.0		16	25		13		36	1	0	83	
ALMAZA	160	15	12	00	0	0	—	14.4	-2.8	16			13	+3	32	-1	0	71	
EZBEKIYA	180	2	12	00	0	0	—	14.8	-1.8	14	26	+2	13	+3	42	1	0	60	20
GIZA	180	2	12	00	0	0	—	15.1	-1.8	16	27	+4	10	+2	42	3	0	58	19
HELWAN	140	5	7	02	0	0	—	15.2	-1.6	14	25	+2	13	+3	36	-1	0	59	21
FAIYUM	200	4	35	02	0	0	—	17.1	+0.6	15	27	+3	10	+1	48	4	0	23	7
MINYA	140	4	8	00	0	0	—			13	28	+5	6	-1	48	2	0	5	
ASYUT MANQABAD	00	0	6	10	0	0	—	17.8	+0.9	14	29	+5	10	+2	48	8	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	17.5	+1.3	14	27	+1	8	0	48	3	0	0.1	
QENA	320	1	15	00	0	0	—	17.2	+1.8	15	29	0	8	-2	68	9	0	2	
LUXOR	00	0	30	00	0	0	—	17.1	+1.1	17	29		8		26	-3	0	dr.	
ASWAN	00	0	50	00	1	0	—	17.9	+2.2	19	26	-3	14	0	37	4	0	dr.	
SIWA	270	2	13	00	0	0	—	17.0	-1.2	12	23	-1	4	+2	77	8	0	25	7
BAHARIYA											27	+3							7
FARAFRA	220	1	15	02	0	0	—	17.8		13	27		8		55	4	0	Rain	
DAKHLA	340	11	50	00	0	0	—	17.6	+0.7	16	29	+2	10	+1	42	3	0	dr.	
KHARGA	00	0	15	00	0	0	—	17.4	+1.0	15	30	+2	10	+1	30	-3	0	dr.	
SUEZ	130	4	50	00	0	0	—	15.5	-0.5	17			11	0	68	11	0	44	13
TOR	20	13	35	02	0	0	—	15.0	-0.2	15	25	+2	9	-3	48	4	0	1	12
HURGHADA	280	7	30	02	0	0	—	14.3	-1.5	20	25	+3	12	+1	16	-7	0	0	
QUSEIR	270	9	15	02	0	0	—	15.0	+0.3	23	23	-1	17	+1	12	-8	0	dr.	4
PORT SUDAN	320	7	30	01	2	6	CS	14.6		23	28		17		53	13	0	211	94
WADI HALFA	00	0	10	03	2	3	CS	16.8		15	28		12		32	-2	0	dr.	
ABU HAMAD	360	10	30	03	0	0	—			21	32		16		17	-5	0		
KAREIMA	30	8	30	03	0	3	Ci	14.7		20	31		15		15	-8	0	dr.	1
'ATBARA	10	8	30	03	2	7	CS	13.3		21	33		16		31	3	0	0	2
KHARTUM	10	13	30	03	1	7	CS	12.5		22	34		18		29	3	0	0.6	4
KASSALA	00	0	30	02	1	3	CS	10.1		23	38		14		53	13	0	49	8
WAD MEDANI	50	5	50	02	1	6	Ci	10.2		22	36		13		19	-3	0	20	12
RENK	310	5	35	02	1	6	Ac	12.6		22	37		14		31	4	0		49
ROSEIRES	310	2	35	02	1	3	Ci	10.8		25	38		17		13	-6	0	92	37
EL OBEID	10	4	30	03	1	7	CS	13.2		19	33		16		12	-11	0	15	16
EL FASHER	30	4	30	02	2	7	Ac, Ci			17	33		14		30	-1	0	13	6
GENEINA	40	6	30	02	2	8	AC			19	34		17		9	-15	0		4
MALAKAL	40	6	30	02	1	3	AC	10.6		25	38		20		15	-4	0	94	89
WAU																			154
JUBA																			168

HUMIDITY %

Mean of day

STATION	on 7th	Diff. from normal
Alexandria	76	+11
Ezbekiya	39	-21
Giza	40	-25
Helwan	24	-24

GIZA GRASS MINIMUM TEMP. ON 8th 7.0 °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 7th

HEIGHT m.	Almaza DIR.	Almaza VEL.	Port Said DIR.	Port Said VEL.	Asyut DIR.	Asyut VEL.	Minya DIR.	Minya VEL.	Siwa DIR.	Siwa VEL.	Dakhla DIR.	Dakhla VEL.	S. Barani DIR.	S. Barani VEL.	Hurghada DIR.	Hurghada VEL.	Minya DIR.	Minya VEL.	Port Said DIR.	Port Said VEL.
TIME	14		14		14		14		14		14		14		14		20		20	
300	290	21	300	23	290	29	280	11	270	19	300	26	240	28	130	15		8	280	11
600	280	18	280	26	280	30	260	12	260	19	290	30	270	27	130	21	300	9	260	14
1000	260	25	270	24	260	11	260	13	270	21	290	14	260	24	150	12	300	10	240	14
1500	250	29			250	16	260	12	270	23			290	25	230	11	310	10	240	23
2000	240	21	240	14	240	20			270	35			260	35					240	32
3000	260	23			280	19			280	30									240	54
4000									280	34										
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 8th

HEIGHT m.	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	8		8				2						8 15		8				6					
300	300	26	360	16			200	5					240	7	310	8								
600	300	21	300	17			220	9					280	12	330	10			350	10				
1000	300	17	310	19			230	16					280	16	290	10			340	11				
1500	310	23					250	17					240	29	270	30			330	14				
2000	280	23					260	22					260	43					310	18				
3000	270	22																						
4000	280	31																						
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	8		8		8		8		4		4				4		4							
300	350	5	40	36	310	18	240	2	40	9														
600	350	5	40	27	300	14	320	4	40	15	30	25			20	26	90	3						
1000	320	10	40	51	300	24	320	7	30	17	50	25			20	26	50	11						
1500	300	16	50	42	270	10	310	25	130	19	60	21			30	18	60	7						
2000	310	23			290	25	290	23	360	15					60	16	40	3						
3000	270	41									270	7			320	21	280	9						
4000	280	43													240	6								
5000	270	45															250	20						
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.

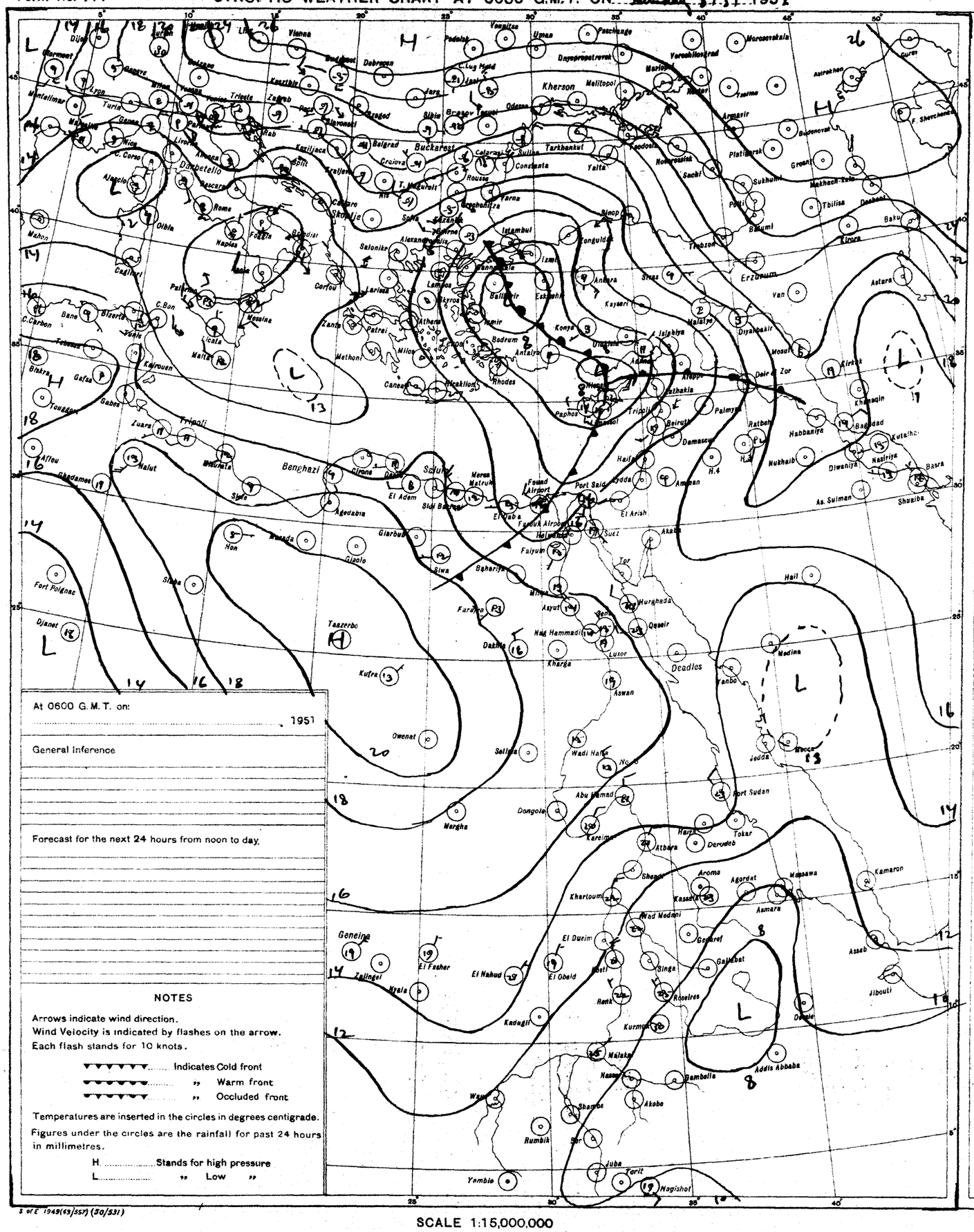
Note: All times are G.M.T.

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 1.1.1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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)357) (30/531)

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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 9th March, 1951

At 1200 on Saturday 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	250	9	35	03	1	3	Cu	15.0	20	24	-1
	303	SÎDI BARÂNI	290	13	30	01	1	0	—	15.4	16	52	6
	306	MATRÛH	300	15	30	01	2	1	Cu	16.1	17	42	4
	309	EL DABA	320	8	35	00	0	0	—		17	42	4
		ALEXANDRIA	310	22	50	03	2	5	Cu	15.1	17	52	7
	318	FOUAD (Airport)	280	23	18	03	0	5	SC, Ci		18	52	8
	330	DAMIETTA	320	18	35	03	1	4	AC		17	60	9
	333	PORT SAÏD	330	18	30	03	0	4	SC	13.0	19	64	12
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	13	15	02	1	1	Cu	14.7	19	46	7
	342	MANSURA	270	9	35	02	1	3	As	13.9	22	47	10
	348	TANTA	270	5	35	03	2	6	Cu	14.4	22	36	6
	354	ZAGAZIG	220	2	50	03	1	3	Cu	14.3	23	50	12
	441	ISMAÏLÎA											
Cairo Area	366	FAROUK (Airport)	320	17	30	03	1	5	SC	14.9	22	44	9
	372	ALMÀZA	270	22	30	03	0	4	Cu, SC	13.7	22	36	6
		EZBEKÎYA	270	3	18	02	1	6	Cu	14.0	23	34	6
		GÎZA	270	3	18	02	1	6	Cu	14.2	23	38	8
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	330	8	35	03	1	2	Cu, SC	15.0	25	28	5
	387	MINYA	280	11	12	00	0	0	—	16.2	26	18	0
	393	ASYÛT MANQABÂD	300	11	30	00	0	0	—	15.6	26	28	6
	399	NAG' HAMMÂDI	00	0	15	00	0	0	—	15.1	28	27	7
	402	QENA	320	1	50	00	0	0	—	14.4	29	29	9
	405	LUXOR	00	0	30	00	0	0	—	15.0	28	16	0
	414	ASWÂN	00	0	50	00	0	0	—	14.2	27	27	6
Oases	417	SÎWA	270	10	14	03	0	3	Cu	17.6	20	35	4
	420	BAHARÎYA	270	1	35	02	0	0	—	15.8	24	47	12
	423	FARAFRA	290	5	35	02	0	0	—	17.1	24	47	12
	432	DAKHLA	340	11	35	02	0	0	—	15.0	26	30	7
	435	KHARGA	00	0	15	00	0	0	—	15.8	29	19	3
Red Sea	450	SUEZ	310	8	50	02	0	0	—	13.3	26	18	0
	459	TÔR	310	13	50	02	0	0	—	13.6			
	462	HURGHÀDA	80	5	30	02	0	0	—	13.0	25	51	14
	465	QUSEIR	90	9	15	02	0	0	—	14.0	24	61	16
	641	PORT SÛDÂN	20	15	30	02	1	3	CS	12.6	26	62	18
North Sûdân	600	WÂDI HALFA	50	14	15	03	0	3	Ci	13.8	29	11	-4
	640	ABU HAMAD	360	6	30	01	1	3	Ci		32	7	-8
	660	KAREIMA	20	16	30	03	1	3	CS	11.0	32	13	0
	680	'ATBARA	360	10	30	02	2	5	CS	8.4	33	10	-2
	721	KHARTÛM	20	10	30	02	2	7	CS	7.7	33	8	-5
	730	KASSALA	340	6	30	03	2	7	CS	4.9	35	25	12
Central Sûdân	751	WÂD MEDANI	310	5	35	02	1	7	Ci	4.3	35	5	-11
	801	RENK	310	9	35	02	1	7	Cu	6.8	36	22	11
	802	ROSEIRES	310	2	35	02	0	5	Ci	4.4	38	21	12
	771	EL OBEID	80	5	30	02	1	7	CS	7.5	32	6	-11
	760	EL FÂSHER	40	7	30	01	2	7	ac, CS		32	16	3
	770	GENEINA	50	5	30	02	2	8	ac CS		32	6	-11
S. Sûdân	840	MALAKÂL	50	10	30	03	2	8	CS	5.2	37	12	3
	880	WÂU	90	10	30	02	2	7	ac, Ci	5.7	35	25	12
	941	JUBA	130	2	30	02	2	7	cb, ac	5.9	33	20	7

At 1800 on Saturday 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	110	5	15	03	1	4	AC	13.4	15	68	9	0
SÎDI BARÂNI	130	6	15	02	2	7	Ci	13.2	13			0
MATRÛH	00	0	12	00	1	5		15.0	12	77	8	0
EL DABA	00	0	7	00	0	0	—		13	67	7	0
ALEXANDRIA	310	14	35	00	0	0	—	15.9	15	63	8	0
FOUAD (Airport)	340	12	12	02	0	0	—	15.7	14	67	8	0
DAMIETTA	320	5	7	00	0	0	—	14.7	15	68	9	0
PORT SAÏD			14	01	0	0	—	14.5	15	63	8	0
EL 'ARISH												
DAMANHUR	270	9	15	02	0	0	—	15.8	14	67	8	0
MANSURA	140	13		00	1	0	—	15.6	14	67	8	0
TANTA	220	2	35	01	2	4	Cu				7	0
ZAGAZIG	00	0	35	02	1	0	—	15.9	14	67	8	0
ISMAÏLÎA												
FAROUK (Airport)												
ALMÀZA												
EZBEKÎYA	360	3	12	00	0	0	—	15.9	15	59	7	0
GÎZA	360	3	12	00	0	0	—	16.0	15	59	7	0
HELWÂN												
FAIYÛM	00	0	35	01	0	0	—	16.0	17	42	4	0
MINYA	300	3	8	00	0	0	—	15.6	16	42	3	0
ASYÛT MANQABÂD	270	5	10	00	0	0	—	15.6	20	41	6	0
NAG' HAMMÂDI	00	0	7	01	0	0	—	15.5	19	52	9	0
QENA	00	0	7	00	0	0	—	15.4	18	60	10	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	14.8	22	36	6	0
SÎWA	260	3	10	01	1	0	—	17.1	16	49	5	0
BAHARÎYA	320	4	15	02	0	0	—	16.3	17	56	8	0
FARAFRA	290	1	15	02	0	0	—	16.7	17	60	9	0
DAKHLA	340	14	15	03	0	0	—	17.1	20	33	3	0
KHARGA	00	0	15	00	0	0	—	16.7	20	17	-6	0
SUEZ	360	11	35	02	0	0	—		18	52	8	0
TÔR	310	13		02	0	0	—	15.5	21	57	12	0
HURGHÀDA	200	6	12	02	0	0	—		18	78	14	0
QUSEIR	360	2	15	02	0	0	—	14.6	22	65	15	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 Sunday 9th March, 1952

Station	Wind 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	19	15	03	1	3	CS	9.9	8.5	13	21	+1	12	+2	55	4	0	Rain	
SÎDI BARÂNI	240	25	7	07	1	1	CS	9.5		14	16		10		39	0	0	111	
MATRÛH	200	19	12	03	2	5	Cc	10.7	-6.0	14			10		52	4	0	129	
EL DABA	250	4		03	2	7	St			14	17		10		55	5	0	Rain	
ALEXANDRIA	130	13	60	00	0	0	—	13.0	-3.3	14	18	-3	12	0	55	5	0	156	173
FOUAD (Airport)	220	15	18	01	1	0	—	12.9	-3.8	14	18	-2	11	0	59	6	0	163	134
DAMIETTA	200	2		03	2	8	SC	13.2	-2.8	12	19	0	10	0	77	8	0	163	94
PORT SAÏD	190	19	14	03	2	8	AC	13.6	-2.8	14	21	+2	13	0	67	8	0	89	
EL 'ARISH																			
DAMANHÛR	180	18	7	02	0	0	—	13.5	-2.8	14	20	-2	11	+2	77	10	0	81	86
MANSÛRA	180	5	35	03	2	7	ac	14.2	-2.0	13	22	0	9	0	77	9	0	56	43
TANTA	220	5	35	03	2	5	Cu	14.0	-2.8	12			8	0	77	8	0	64	33
ZAGAZIG	00	0	35	03	1	3	Cu	13.9	-2.6	12	25	+2	9	+1	77	8	0	30	22
ISMAÏLÎA																			
FAROUK (Airport)	200	21	18	01	1	1	ac	15.6		16			10		42	3	0	83	
ALMÀZA	170	16	18	00	0	0	—	14.6	-2.5	14			11	0	42	1	0	71	
EZBEKÎYA	180	2	12	00	0	0	—	14.7	-1.9	12	25	+1	11	+1	63	5	0	60	20
GÎZA	180	2	12	00	0	0	—	15.1	-1.7	15	26	+3	7	-1	59	7	0	58	19
HELWÂN																			21
FAIYÛM	00	0	35	02	0	0	—	17.2	+0.7	13	27	+3	8	-1	77	9	0	23	7
MINYA	180	3	8	00	0	0	—	17.1	-0.9	10	26	+2	5	-2	88	8	0	5	
ASYÛT MANQABÂD	270	5	8	10	0	0	—	17.8	+1.0	15	26	+2	11	+3	59	7	0	3	
NAG' HAMMÂDI	00	0	7	01	0	2	As	17.0	+0.8	16	29	+3	9	+1	49	5	0	0.1	
QENA	240	1	15	00	0	0	—	17.0	+1.7	15	29	0	8	-3	59	7	0	2	
LUXOR	00	0	30	03	0	0	—	16.0	+0.1	20			9		26	0	0	dr.	
ASWÂN	00	0	50	00	0	0	—	17.1	+1.5	21	28	-1	14	0	33	4	0	dr.	
SÎWA	250	9	13	00	0	0	—	15.4	-2.8	15	21	-3	12	+5	48	4	0	25	7
BAHARÎYA	00	0	35	02	0	0	—	16.6	-0.5	14	25	+1	8	0	67	8	0	1	7
FARAFRA	220	2	35	02	0	0	—	17.8		11	26		7		63	4	0	Rain	
DAKHLA	00	0	50	03	0	0	—	17.6	+0.8	14	27	0	10	+1	48	3	0	dr.	
KHARGA	00	0	15	00	0	0	—	17.4	+1.1	14	30	+2	10	0	55	5	0	dr.	
SUEZ	130	4	50	00	0	3	Cb	16.2	+0.2	15	27	+4	9	-3	77	11	0	44	13
TÔR	360	2	35	02	0	0	—	15.4	+0.2	16			11	-1	59	8	0	1	12
HURGHADA	330	17	30	03	0	2	Ci	15.2	-0.6	18	26	+4	13	+2	68	12	0	0	
QUSEIR	270	2	15	02	0	0	—	15.2	+0.6	21	29	+4	16	0	33	4	0	dr.	4
PORT SÛDÂN	340	8	30	01	1	6	CS	15.2		25	27		15		51	14	0	211	94
WÂDI HALFA																			
ABU HAMAD	360	4	30	02	2	8	CS			21	33		15		15	-7	0		
KAREIMA	20	6	30	01	1	3	Ci	15.4		20	33		16		18	-5	0	dr.	1
'ATBARA																			2
KHARTÛM																			4
KASSALA	40	9	15	04	0	1	ac	10.0		25	37		19		39	10	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			37
EL OBEID	40	9	30	03	1	6	CS	12.5		23	34		16		11	-9	0	15	16
EL FÂSHER																			6
GENEINA	30	5	30	03	2	8	ac CS			22	33		17		8	-15	0		4
MALAKÂL	20	15	30	03	1	3	Ci	10.2		26	39		20		21	2	0	94	89
WÂU	360	2	10	04	2	8	Cs	10.7		23	37		19		41	9	0		154
JUBA	310	4	30	02	2	6	SC, ac	10.6		26	35		22		66	19	0	228	169

HUMIDITY %

Mean of day

STATION	on 8th	Diff. from normal
Alexandria	69	+4
Ezbekîya	44	-16
Gîza	46	-19
Helwân		

GÎZA GRASS MINIMUM TEMP ON 9th 4.6 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 14 h. 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.	On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	122	20		320	17	1000						1000					
950						950						950					
900						900						900					
850	1497	9		250	17	850						850					
800						800						800					
700	3076	0		250	41	700						700					
600						600						600					
500	5689	-17		260	66	500						500					
400	7323	-30				400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 8th

Station	Luxor		S. Banani		Siwa		Minya		Asyut		Dakhla		Kharga												Minya	
Time	14 45		14		14		14		14 30		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	290	12	340	7	280	10	250	17	280	21	270	14	350	6											330	22
600	300	9	280	7	280	9	260	14	270	14	260	13	340	4											320	19
1000	290	5	260	13	290	10	270	14	270	23	260	17	320	4											310	16
1500	280	12	260	23	300	16	280	15	270	16			300	9											260	22
2000	240	21	260	28	300	31	270	31	270	20															280	21
3000					280	41																				
4000					290	48																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saïd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time					8		8						8		8		4 15		8		8		8 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					230	23	190	26					220	2	240	3	280	6			330	18	200	20
600					220	25	190	35					220	3	280	6	260	11	350	16	320	17	260	30
1000					240	38	220	28					190	5	280	13	290	15	330	9	290	20	240	29
1500					240	36	240	28					190	10	290	11	280	30	300	17	260	31	240	25
2000													190	10	300	24	280	31	300	17			270	26
3000															290	38	300	36	290	19			260	28
4000																			290	21			280	29
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		5		4		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	220	36	10	22	280	3?			50	9														
600	260	38	360	15	300	3?			30	9	30	22	50	25	20	32	30	20					20	38
1000	270	36	10	33	340	9?			20	9	40	26	50	23	30	27	30	21	40	26	50	15	30	52
1500	280	35	10	55	300	23			360	11	20	14	50	17	20	20	40	10	50	14	50	20	30	31
2000	270	34													350	18	90	3	10	10				
3000	270	47							300	27					330	12	330	7	330	6	70	5	110	3
4000											260	21			250	9								
5000															220	15			130	8			110	8
6000															220	22			230	18				
7000															230	25								
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.

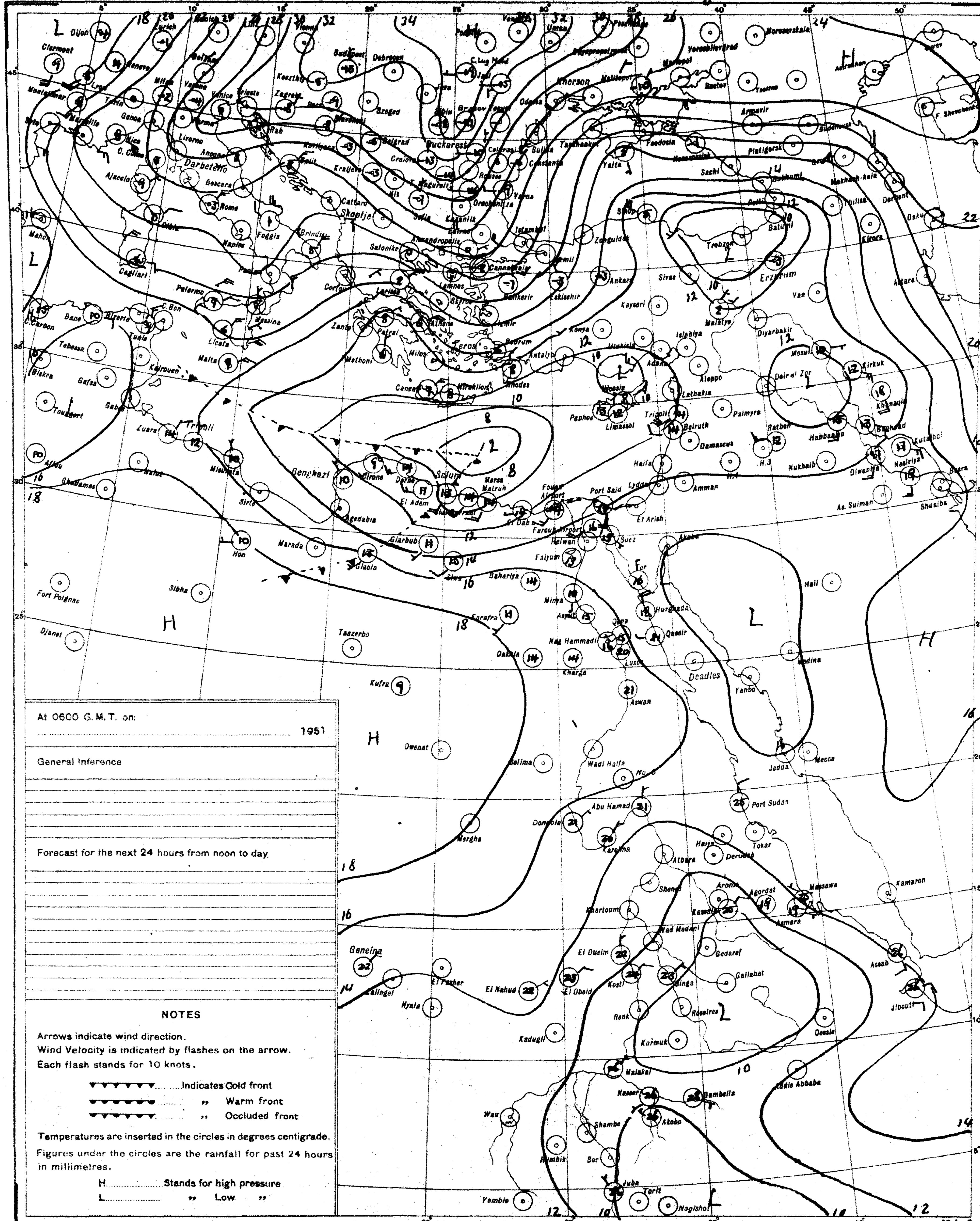
Printed by the Survey of Egypt 1949 (49/557) (50/531)

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 9/3/1952



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

M.L.A.

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 11 G. M. T.
" " Sunset 16 00 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 10th March, 1952

At 1200 on Sunday 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	250	24	15	09	3	3	Cu, Ci	7.9	23	32	5
	308	SÎDI BARÂNI	320	13	15	02	0	1	Cu	7.8	18	52	8
	306	MATRÛH	300	13	14	00	0	0	—	8.5	19	52	9
	309	EL DABA	270	22	35	00	0	0	—		24	30	5
		ALEXANDRIA	220	23	50	01	1	2	Ci	9.9	21	41	7
	318	FOUAD (Airport)	260	27	8	07	1	2	Cc	10.0	23	26	2
	330	DAMIETTA	320	5	15	01	1	5	Cu	10.6	22	44	9
	333	PORT SA'ÎD											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	310	19	15	02	0	0	—	9.9	25	28	5
	342	MANSURA	220	13	35	02	1	3	AC	10.7	23	38	8
	348	TANTA	270	8	35	01	1	4	Cu	11.1	24	32	6
	354	ZAGAZIG	220	2	50	02	1	0	—	11.4	23	44	10
	440	ISMA'ÎLIA											
CAIRO AREA	366	FAROUK (Airport)	220	21	12	03	0	2	Cu	12.8	23	18	-3
	372	ALMÂZA	200	22	15	03	0	3	Cu, AC	12.0	23	32	5
		EZBEKÎYA	180	3	18	02	1	3	Cu	11.8	24	26	3
		GÎZA	180	3	18	02	1	3	Cu	12.3	26	25	4
	378	HELWÂN											
UPPER EGYPT	381	FAIYÛM	200	8	35	02	0	0	—	13.5	25	22	2
	387	MINYA	260	9	12	01	1	1		14.8	25	22	2
	393	ASYÛT MANQABÂD	290	6	30	01	1	1	Cs	14.1	25	28	5
	399	NAG' HAMMÂDI	00	0	7	03	0	6	As	14.8	25	34	8
	402	QENA	240	1	50	00	0	0	—	14.3	26	37	10
	405	LUXOR	290	11	30	03	2	6	Ci	13.8	27	15	-2
	414	ASWÂN	340	3	50	00	0	0	—	13.6	30	9	-7
OASES	417	SÎWA	270	16	8	32	3	0	—	12.3	27	20	2
	420	BAHARÎYA	240	3	35	02	0	0		13.9	26	42	12
	423	FARAFRA	270	1	35	02	2	1	Cu	14.1	28	35	11
	432	DAKHLA	00	0	50	03	1	2	Ci	15.4	25	28	5
	435	KHARGA	00	0	15	02	2	4	Ci	15.0	27	27	6
RED SEA	450	SUEZ	220	6	50	01	0	2	Cu	12.4	21	41	7
	459	TÛR	20	3	50	02	0	0	—	12.7	23	38	8
	462	HURGHÂDA	30	15	30	01	1	4	Cc	12.0	22	47	10
	465	QUSEIR	40	13	15	03	1	4	Ci	13.3	23	74	18
	641	PORT SÛDÂN	40	13	30	02	2	1	Ac, Ci	12.7	27	45	14
NORTH SÛDÂN	600	WÂDI HALFA	270	6	15	05	0	1	Ac	13.4	30	9	-6
	640	ABU HAMAD	360	5	30	03	1	8	Ac, Ci		32	7	-8
	660	KAREIMA	50	14	30	01	1	0	—		32	9	-5
	680	'ATBARA	20	14	7	07	2	0	—	8.3	34	6	-9
	721	KHARTÛM	20	14	30	02	0	4	Ci	8.3	34	7	-7
	730	KASSALA	20	7	30	02	0	0	—	4.9	36	15	6
CENTRAL SÛDÂN	751	WÂD MEDANI	360	5	35	02	0	0	—	6.3	36	9	-2
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	8	30	03	1	2	Ac	7.6	33	7	-8
	760	EL FÂSHER											
	770	GENEINA											
E. SÛDÂN	840	MALAKÂL											
	880	WÂU	90	9	10	04	2	8	Ac, Cs	5.2	37	8	-3
	941	JUBA	50	3	30	03	1	7	Cu, Sc	3.6	37	27	15

At 1800 on Sunday 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	320	19	15	09	3		Ci	7.4	15	72	10	0
SÎDI BARÂNI	320	15	14	01	2	1	Cu	6.5	16	68	9	0
MATRÛH												
EL DABA	00	0	7	00	0	0	—		13	77	9	0
ALEXANDRIA												
FOUAD (Airport)												
DAMIETTA	140	2		03	2	8	SC	8.8	19	52	9	0
PORT SA'ÎD	200	17	15	02	0	0	—	7.2	20	53	10	0
EL 'ARISH												
DAMANHUR	70	5	7	00	0	0	—	8.6	15	68	9	0
MANSURA	70	3		03	2	8	AC	8.4	19	46	7	0
TANTA	310	2	35	03	2	8	Cu	8.3	17	68	11	0
ZAGAZIG	00	0	35	02	0	0	—	9.0	18	52	8	0
ISMA'ÎLIA												
FAROUK (Airport)												
ALMÂZA	00	0	12	00	0	0	—	9.9	20	35	4	0
EZBEKÎYA	00	0	12	00	0	0	—	10.8	20	33	3	0
GÎZA												
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	11.4	19	37	4	0
MINYA												
ASYÛT MANQABÂD	160	4	10	00	0	0	—	13.4	21	28	2	0
NAG' HAMMÂDI	00	0	7	01	0	2	Ac	14.8	16	68	10	0
QENA	00	0	7	00	0	0	—	15.1	19	52	9	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	13.9	24	15	-5	0
SÎWA	270	6	10	00	3	0		10.8	20	43	7	0
BAHARÎYA	00	0	15	02	0	0	—	12.8	20	41	6	0
FARAFRA	200	2	15	02	2	0	—	13.1	18	46	6	0
DAKHLA	340	8	35	00	0	0	—	15.9	20	41	6	0
KHARGA	00	0	15	00	1	0	—	15.2	20	60	12	0
SUEZ												
TÛR	290	9	7	02	0	0	—	13.0	20	73	15	0
HURGHÂDA	00	0	12	02	0	0	—	13.4	18			0
QUSEIR	120		15	01	1	3	Ci	13.5	21	83	18	0
PORT SÛDÂN	320	2	30	03	0	4	Ac	14.3	23	53	13	0
WÂDI HALFA	360	3	15	05	2	8	Ac	13.8	26	21	2	0
ABU HAMAD	360	5		02	0	0	—		25	13	-6	0
KAREIMA	20	13	30	01	0	0	—	12.5	27	14	-3	0
'ATBARA												
KHARTÛM												
KASSALA	20	3	30	02	0	0	—	7.5	28	25	6	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	130	5	30	03	0	4	Ci	9.5	27	9	-7	0
EL FÂSHER												
GENEINA												
MALAKÂL		3	30	03	2	8	CS	6.0	31	22	7	0
WÂU	340	2	10	04	2	8	Ac, Ci	5.7	32	15	2	0
JUBA	00	0	30	13	9	7	Cb, As	7.7	26	83	23	3

At 0600 on Monday 10th March, 1952

STATION	WIND 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	9	15	03	2	4	Cb	15.4	-1.0	12	25	+4	9	-1	63	5	0	Rain	
SÎDI BARÂNI											22								
MATRÛH	320	23	15	02	2	7	SC	13.4	3.3	13			9		55	4	0.3	129	
EL DABA	340	22	15	03	2	6	Sc			14	24		11		53	5	0	Rain	
ALEXANDRIA	310	27	50	03	5	5	Cb	9.3	-6.9	12			11	-1	88	10	dr.	156	174
FOUAD (Airport)																			134
DAMIETTA	250	25	7	50	5	6	Cu, SC	9.6	-6.4	14	23	+4	12	+2	77	10	dr.	163	94
PORT SA'ÎD	260	29	10	02	0	1	Cu	6.2	-10.2	15	22	+3	14	+1	68	9	0	89	
EL 'ARISH			0.5	32	3			6.1	-10.5	18			16				0	101	
DAMANHUR	310	9	15	02	6	7	NS	8.8	-7.5	12	26	+4	9	0	82	9	1	82	86
MANSURA	220	13	35	03	2	4	Sc, Cu	8.4	7.8	13	25	+2	11	+2	88	11	0	56	43
TANTA	270	13	7	03	2	8	NS	8.4	-8.4	15	25	+2	11	+3	77	11	0	64	33
ZAGAZIG	220	3	35			8	Cu	8.2	-8.2	14	25	+2	11	+3	67	8	0	30	22
ISMA'ÎLIA																			
FAROUK (Airport)																			
ALMÂZA	250	20	12	03	0	6	Sc, Cu	10.2	-6.9	13			12	+1	67	6	0	71	
EZBEKÎYA	270		12	02	1	7	Cu	10.8	-5.8	14	26	+2	13	+3	63	7	0	60	20
GÎZA	270		12	02	1	7	Cu	10.7	-6.1	14	27	+4	12	+4	67	8	0	58	20
HELWÂN																			21
FAIYÛM	330	8	35	03	1	4	St	13.5	-3.0	16	27	+2	11	+2	49	5	0	23	7
MINYA	320	19	8	00	0	0	—	14.1	-3.8	15			10	+3	48	4	0	5	
ASYÛT MANQABÂD	320	10	8	10	0	0	—	14.6	-2.1	17	26	+2	10	+2	34	1	0	3	
NAG' HAMMÂDI	00	0	7	00	0	0	—	13.8	-2.3	14	25	-1	9	+1	67	8	0	0.1	
QENA	320	1	15	00	0	0	—	13.4	-1.8	15	28	-1	8	-3	59	7	0	2	
LUXOR																			
ASWÂN	200	2	50	00	0	0	—	14.3	-1.2	20	30	+1	15	+1	41	6	0	dr.	
SÎWA	340	8	14	00	0	0	—	17.1	-1.1	11	27	+3	10	+2	77	7	0	25	7
BAHARÎYA	290	2	35	02	0	0	—	14.8	-2.3	13	26	+2	10	+2	67	7	0	1	7
FARAFRA	320	6	7	02	0	0	—			13	28		11		67	7	0	Rain	
DAKHLA	340	8	50	00	0	0	—	15.5	-1.3	13	28	+1	9	0	34	-3	0	dr.	
KHARGA	00	0	15	00	0	0	—	13.8	-2.5	15	27	-1	8	-2	30	-3	0	dr.	
SUEZ	270	5	50	00	0	0	—	10.6	-5.4	17			14	+2	52	7	0	44	13
TÛR	110	19	15	02	0	0	—	10.4	-4.7	22			11	-1	44	9	0	1	12
HURGHADA	180	5	30	02	0	0	—	9.9	-5.8	22	22	0	12	+1	21	-1	0	0	
QUSEIR	180	9	15	02	0	0	—	12.8	-1.8	22	27	+2	14	-2	36	6	0	dr.	4
PORT SÛDÂN	290	4	30	02	2	8	Ac, Ci	13.9		25	28		17		45	12	0	211	94
WÂDI HALFA	150	4	15	05	1	5	Ac, Ci	15.2		20	31		15		15	-8	0	dr.	
ABU HAMAD	310	2	30	02	0	0	—			22	33		17		21	-1	0		
KAREIMA	70	4	30	02	0	0	—	14.9		19	33		15		28	0	0	dr.	1
'ATBARA	350	8	30	03	0	4	Ac	14.0		21	35		16		18	-4	0	0	2
KHARTÛM	20	8	30	02	2	7	Ac	13.1		22	35		19		17	-4	0	0.6	4
KASSALA	20	4	30	03	2	6	AC	10.9		25	37		17		30	6	0	49	8
WÂD MEDANI																			12
RENK	360	5	35	02	0	0	—	12.2		25	39		16		14	-5	0		49
ROSEIRES																			37
EL OBEID	40	11	30	03	1	7	Ac	13.1		22	34		19		11	-10	0	15	16
EL FÂSHER	00	0	10	02	1	7	Ac			17	34		11		37	2	0	13	6
GENEINA																			4
MALAKÂL	20	21	30	02	1	8	Ac, CS	10.4		28	39		24		22	4	0	94	89
WÂU											38								155
JUBA											38								170

HUMIDITY % Mean of day

STATION	on 9th	Diff. from normal
Alexandria	61	-4
Ezbekiya	44	-16
Gîza	40	-24
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 10th 10.0 °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					

AIRPORT — On ..... At .....

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

UPPER WIND OBSERVATIONS on 9th

STATION	Dakhla		Kharga		Siwa		Minya		Hurghada																Port Said	
TIME	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	16	320	7	270	15	260	12	10	12															40	11
600	270	15	340	10	260	22	280	7	360	14															310	19
1000	270	10	340	15	260	26	280	8	360	16															310	27
1500	270	18	350	13	260	13	300	7	300	9															310	16
2000					260	32	280	11																		
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							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							280	26					300	24	320	13			200	11				
600							280	26					300	32	310	16			250	16				
1000							290	35					280	26	280	35			260	19				
1500							290	26					250	29					270	20				
2000																			300	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		8		8		7	30	4		4		5		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	320	20	320	24	310	19	320	16	50	1														
600	330	22	320	29	310	17	310	17	20	3	10	11	60	21	20	34							30	31
1000			320	19	310	20	300	16	290	3	10	9	70	18	20	31			40	34	40	10	30	69
1500			320	18			280	26	280	6	340	3	50	10	360	22			50	22	80	18	30	42
2000							270	35													70	3	200	3
3000	330	34							310	17	250	7	350	11	280	13			350	3	20	9	190	5
4000	320	37																			230	9		
5000															200	27			260	29				
6000																								
7000																								
8000																								

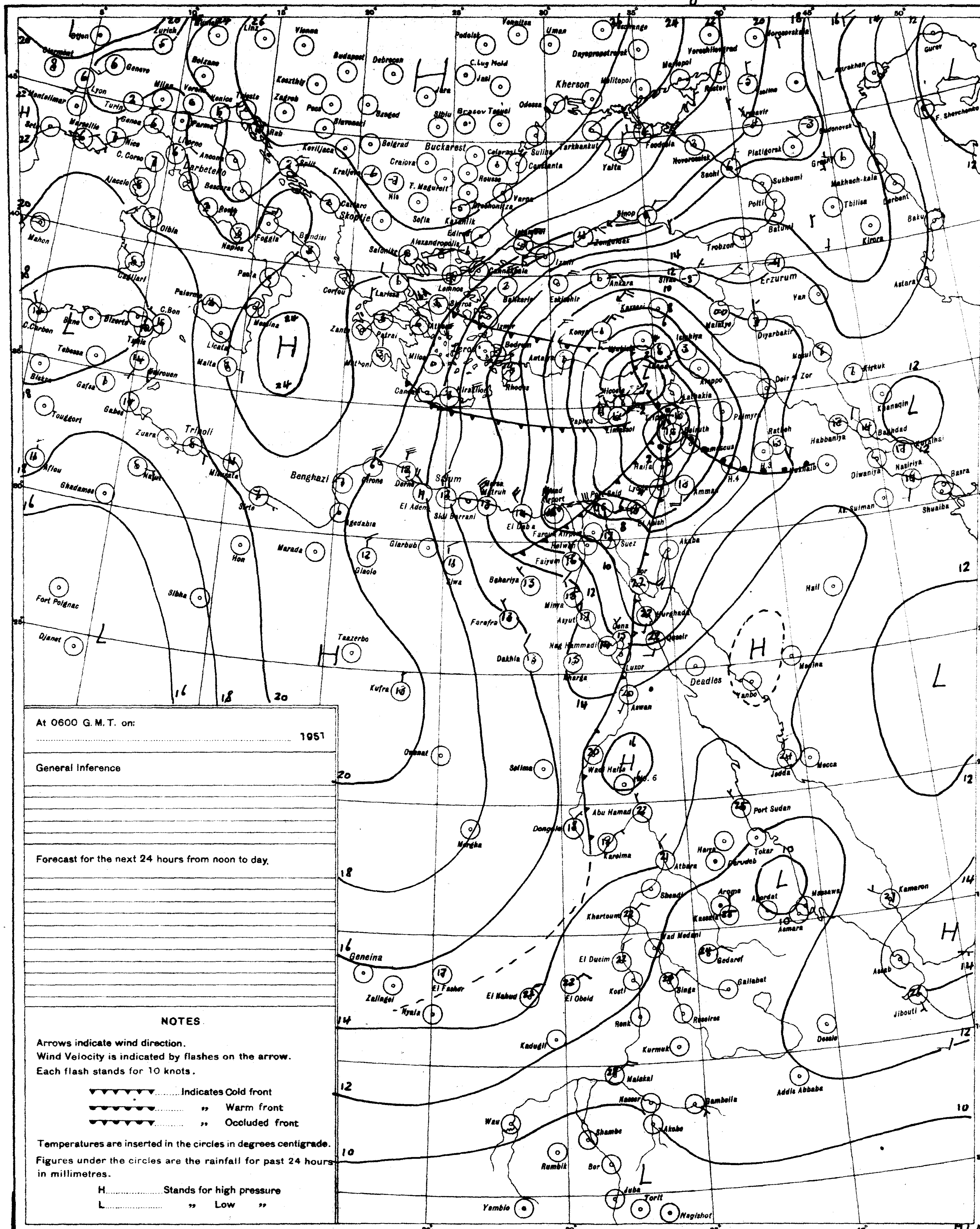
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 10/3/ 1952



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

M.L.A.

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 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: Tuesday 11th March, 1952

At 1200 on Monday 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	Rain Past 12 hrs mms
Mediterranean	62300	SALÛM	20	9	35	02	1	4	Sc,Cu	16.7	15	59	7	
	303	SÎDI BARÂNI	320	17	18	02	1	2	Cu	16.1	16	36	1	
	306	MATRÛH	310	21	18	01	2	5	Sc	16.3	15	48	4	
	309	EL DABÂ	340	10	35	01	1	3			16	36	1	
		ALEXANDRIA	310	27	50	02	2	4	Cu	13.5	15	48	4	
	318	FOUAD (Airport)	310	27	18	02	2	3	Cu	13.3	16	45	4	
	330	DAMIETTA	270	9	35	01	5	4	Cu	12.0	16	59	8	
	333	PORT SA'ÎD	290	23	12	01	2	4	Cu,Sc	10.5	18	46	6	
	336	EL 'ARISH	270	20	4	20	5	5	Cu,Sc	9.2	17	60	9	
Lower Egypt	339	DAMANHUR	310	9	15	02	1	4	Cu	13.1	14	77	10	
	342	MANSURA	270	13	35	03	2	6	Sc,Cu	13.3	18	46	6	
	348	TANTA	310	13	35	03	2	6	Cu	12.8	17	60	9	
	354	ZAGAZIG	220	2	50	03	2	8	Cu	13.1	17	52	7	
	440	ISMA'ÎLÎA												
Cairo Area	366	FAROUK (Airport)	310	18	15	03	2	7	Sc	13.9	18	46	6	
	372	ALMÂZA	290	20	15	02	2	6	Cu,Sc	13.2	18	46	6	
		EZBEKÎYA	320	11	18	02	1	6	Cu	13.2	19	37	4	
		GÎZA	320	11	18	02	1	6	Cu	13.6	20	46	8	
	378	HELWÂN												
Upper Egypt	381	FAIYÛM	330	8	35	03	2	4		15.4	20	41	6	
	387	MINYA	330	12	8	01	1	2	Cu	15.0	22	21	1	
	393	ASYÛT MANQABÂD	350	12	30	00	0	0	—	15.1	21	41	7	
	399	NAG' HAMMADI	290	2	15	00	0	0	—	14.0	24	38	9	
	402	QENA	290	1	50	00	0	0	—	11.9	27	27	6	
	405	LUXOR	290	10	30	00	0	0	—	11.4	28	16	0	
	414	ASWÂN	250	10	15	00	0	0	—	11.2	30	19	4	
Oases	417	SÎWA	300	10	14	00	0	0	—	18.4	18	32	1	
	420	BAHARÎYA	270	3	35	02	0	0	—	15.4	20	56	11	
	423	FARAFRA	320	2	35	02	0	0	—	17.1	20	41	6	
	432	DAKHLA	360	14	35	02	0	0	—	16.6	22	36	6	
	435	KHARGA	320	2	15	00	0	0	—	15.2	26	18	0	
Red Sea	450	SUEZ	310	10	50	03	0	4	Cu	11.8	19	46	7	
	459	TÛR												
	462	HURGHADA	290	22	30	02	0	0	—	8.5	30	27	9	
	465	QUSEIR	290	13	15	02	3	0	—	9.6	31	22	7	
	641	PORT SÛDÂN	50	8	30	02	2	6	Ac		27	42	13	
North Sudan	600	WÂDI HALFA	320	13	15	05	1	2	Ac	11.5	30	11	-4	
	640	ABU HAMAD	360	3	30	02	2	8	Ac,Cs		31	8	-7	
	660	KAREIMA	360	15	30	03	2	7	Ac	12.0	31	8	-7	
	680	'ATBARA	350	12	10	07	2	7	Ac,Cc	9.4	33	5	-11	
	721	KHARTUM	340	16	30	02	1	7	Ac,Cs	9.1	34	5	-10	
	730	KASSALA	20	6	30	02	2	3	Ac,Ci	6.6	35	9	-3	
Central Sudan	751	WÂD MEDANI												
	801	RENK	50	9	50	02	0	4	Ac		39	6	-5	
	802	ROSEIRES	50	2	35	02	0	3	Ci	5.7	38	6	-7	
	771	EL OBEID	60	14	30	01	2	5	Ac,Ci	7.7	34	5	-12	
	760	EL FÂSHER	60	6	30	01	0	0	—		33	20	7	
	770	GENEINA	50	2	30	02	2	8	Cu,Ac		35	8	-5	
S. Sudan	840	MALAKÂL	20	10	30	03	2	7	Ac,Cs	5.0	38	6	-7	
	880	WÂU	50	10	30	02	2	7	Ci	5.6	37	12	3	
	941	JUBA	80	5	30	03	2	6	Cu,Ci	4.0	37	25	14	

At 1800 on Monday 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
SALÛM	320	9	15	03	2	6	Sc	18.8	13	55	4
SÎDI BARÂNI	320	14	14	03	2	7	Sc	17.0	14	39	0
MATRÛH	310	13	10	03	2	7	Sc	17.5	13	59	5
EL DABÂ	320	21	7	03	2	8	St		14	42	1
ALEXANDRIA	310	22	50	03	2	8	Cu,Sc	16.0	14	55	5
FOUAD (Airport)	320	13		03	1	6	Cu	14.4	14	55	5
DAMIETTA	280	22	14	01	2	8	St	13.8	14	56	5
PORT SA'ÎD	280	20	14	03	3	7	Cu,Sc	14.2	15	59	7
EL 'ARISH											
DAMANHUR	270	5		03	2	8	Sc,Cu	15.6	13	67	7
MANSURA											
TANTA											
ZAGAZIG	220	2	35	02	1	0	—	14.8	11	77	7
ISMA'ÎLÎA											
FAROUK (Airport)	320	5	13	03	1	7	Sc	17.3	13	67	7
ALMÂZA	340	10	12	03	2	6	Cu,Sc	16.3	13	55	4
EZBEKÎYA	00	0	12	02	1	8	Cu	16.7	14	55	5
GÎZA	00	0	12	02	1	8	Cu	16.4	13	55	4
HELWÂN											
FAIYÛM	360	1	35	01	1	2	St	17.2	14	55	5
MINYA	360	7	8	00	0	0	—	16.9	11	63	4
ASYÛT MANQABÂD	320	5	12	00	0	0	—	16.1	15	55	6
NAG' HAMMADI	270	2	7	00	0	0	—	14.2	17	42	4
QENA	210	1	7	00	0	0	—		18	52	8
LUXOR	290	6	12	01	0	1	Ci	14.4	18	30	0
ASWÂN	00	0	15	00	0	0	—	14.0	25	17	-2
SÎWA	00	0	13	00	0	0	—	20.4	15	59	7
BAHARÎYA	360	2	15	02	0	0	—	17.0	15	59	7
FARAFRA	360	1	15	02	0	0	—	18.2	14	48	3
DAKHLA	320	8	35	00	0	0	—	17.0	16	49	5
KHARGA											
SUEZ	310	10	35	02	0	4	Cu	15.0	15	59	7
TÛR											
HURGHADA	340	19	12	02	0	0	—	11.8	20	56	11
QUSEIR	270	5	15	02	0	0	—	11.9	25	28	5
PORT SÛDÂN	40	2	30	02	2	7	Ac	13.5	25	61	17
WÂDI HALFA	310		30	02	1		Ac,Ci	13.7	25	11	-8
ABU HAMAD	310	3	30	03	2	8	Ac,Ci		25	16	-3
KAREIMA	310	6	30	02	1	7	Ci	10.5	25	8	-5
'ATBARA	20	10	30	02	1	3	Ac,Ci	11.3	27	14	-3
KHARTUM	10	6	30	02	0	2	Ac,Ci	10.1	28	14	-2
KASSALA											
WÂD MEDANI											
RENK											
ROSEIRES											
EL OBEID	30	8	30	02	0	1	Ci	9.0	27	9	-9
EL FÂSHER			30	03	0	2	Ac,Ci		27	21	6
GENEINA											
MALAKÂL	360	4	30	13	1	2	Sc,Ac	6.0	24	28	4
WÂU											
JUBA	50	2	30	02	2	6	Ac,Cs	4.5	30	43	16

At 0600 on Tuesday 11th March, 1952

Station	Wind 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	270	9	15	03	2	7	Cu	18.4	+1.8	10	15	-5			62	3	0	Rain	
SÎDI BARÂNI	300	12	15	02	2	7	Sc	17.6		13	17		12		48	2	0	111	
MATRÛH	230	11	18	02	2	7	Ns	16.6	-0.1	11	16		9		63	4	0	129	
EL DABÂ	270	8	15	03	2	8	St			12	17		8		63	5	0	Rain	
ALEXANDRIA	290	19	50	03	2	6	Cu,Sc	16.3	+0.1	14	16	-5	13	+1	55	5	0	156	174
FOUAD (Airport)	280	15	12	02	2	7	Cu,Sc	16.3	-0.3	15			13	+2	48	4	0	163	134
DAMIETTA	200	5		03	2	8	Sc	16.6	+0.6	12	19	0	11	+1	77	8	dr.	163	95
PORT SA'ÎD	260	16	10	03	2	8	Ac	15.2	-1.1	13	19	0	12	-1	77	9	0	89	
EL 'ARISH											19							15	
DAMANHUR	270	13	7	02	1	7	Cu	16.8	+0.5	13			10	+1	77	9	0	82	67
MANSURA	270	9	35	03	2	6	Cu	17.5	+1.4	13	19	-4	10	+1	67	7	0	56	44
TANTA	220	2	35	03	2	5	Cu	16.7	-0.1	12			9	+1	77	8	0	64	33
ZAGAZIG	220	1	35	03	1	3	Cu	17.2	+0.8	12	19	-4	9	+1	63	5	0	30	22
ISMA'ÎLÎA																			
FAROUK (Airport)	220	10	12	00	1	1	Ac	18.6		13			10		63	6	0	83	
ALMÂZA											19	-4							
EZBEKÎYA	00	0	12	02	1	2	Sc,Cu	17.8	+1.3	12	20	-4	10	0	59	4	0	60	20
GÎZA	00	0	12	02	1	2	Sc,Cu	17.6	+0.8	13	20	-4	8	0	67	7	0	58	20
HELWÂN																			21
FAIYÛM	00	0	35	02	0	0	—			12	21	-4	7	-2	63	5	0	23	7
MINYA	00	0	8	00	0	0	—	19.5	+1.7	9	22	-2	4	-3	71	4	0	5	
ASYÛT MANQABÂD	270	2	12	00	0	0	—	19.5	+2.9	12	22	-3	7	-1	63	5	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	18.4	+2.4	12	25	-1	7	-1	63	5	0	0.1	
QENA	00	0	15	00	0	0	—	18.2	+3.0	13	28	-1	8	-3	57	5	0	2	
LUXOR											30								
ASWÂN	360	4	50	00	0	0	—	17.9	+2.5	15	31	+1	13	-1	39	1	0	dr.	
SÎWA	00	0	13	00	0	0	—	20.4	+2.2	10			6	-2	62	3	0	25	7
BAHARÎYA	360	2	35	02	0	0	—	19.8	+2.7	10	21	-4	4	-5	82	7	0	1	7
FARAFRA	00	0	35	02	0	0	—	20.0		13	21		5		55	4	0	Rain	
DAKHLA	00	0	50	00	0	0	—	18.0	+1.3	14	22	-6	7	-2	55	5	0	dr.	
KHARGA	40	1	15	00	0	0	—	17.9	+1.7	14			10	-1	48	3	0	dr.	
SUEZ											21	-2							13
TÛR																			12
HURGHADA	330	17	14	02	0	0	—	16.8	+1.	16	31	+9	15	+3	59	8	0	0	
QUSEIR	330	5	15	02	0	0	—	16.8	+2.3	17	32	+7	14	-2	68	11	0	dr.	4
PORT SÛDÂN											29								94
WÂDI HALFA																			
ABU HAMAD											32								
KAREIMA	50	12	30	03	2	7	Ac	14.9		22	33		19		19	-3	0	dr.	1
'ATBARA											34								2
KHARTUM	10	3	30	02	2	7	Ac	13.1		23	35		20		20	-1	0	0.6	4
KASSALA	360	3	30	03	2	7	Ac	11.5		24	35		19		26	3	0	49	8
WÂD MEDANI																			12
RENK	50	5	35	02	2	7	Ac			26	39		20		11	-7	0		49
ROSEIRES	310	2	35	02	0	0	—	9.6		25	39		17		13	-6	0	92	37
EL OBEID											34								16
EL FÂSHER	00	0	30	03	1	7	Ac			19	34		15		32	2	0	13	6
GENEINA	40	5	30	03	1	7	Ac			22	35		19		8	-15	0		4
MALAKÂL	20	14	50	09	0	2	Ac	10.2		28	39		22		10	-6	0	94	89
WÂU																			155
JUBA	270	1	30	04	0	4	Sc,Ci	8.6		30	38		22		46	17	0	228	171

HUMIDITY %

Mean of day

Station	on 10th	Diff. from normal
Alexandria	70	+5
Ezbekiya	53	-7
Giza	56	-8
Helwan		

GIZA GRASS MINIMUM TEMP. ON 11th 4.8 °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					

AIRPORT — On ..... At .....

Pressure 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

Height m.	Luxor Dir.	Luxor Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Siwa Dir.	Siwa Vel.	Asyut Dir.	Asyut Vel.	[illegible] Dir.	[illegible] Vel.	[illegible] Dir.	[illegible] Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		14						20		20	
300	290	5	290	23	210	34	300	17	320	19	340	20	320	16	320	23	310	10					10	9	240	11
600	290	16	280	16	290	40	300	26	320	22	330	12	320	29	320	19	320	11					20	11	310	19
1000	280	22	290	27	290	36	300	29	310	30	340	15	310	34	320	17	310	18					20	12	310	27
1500	270	15	270	23	270	34	290	28	310	20	310	16			340	5	320	20					340	17	310	16
2000	280	34	260	21					310	34					280	10	300	43								
3000															310	26	300	65								
4000															290	35										
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.	Almaza Dir.	Almaza Vel.
Time	8						2						2		8				8				8	
300							260	13					350	6	40	3			350	8			240	7
600	310	16					280	16					350	5	350	8			30	15			240	7
1000	300	12					290	16					350	8	330	13			20	17			310	9
1500							310	24					10	9	280	11			290	18				
2000															280	23								
3000															260	28								
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				4		4		5		4		4		4		5		4	
300	80	4			350	3			30	12														
600	60	5			350	3			40	15	10	29	30	23	10	28	30	28					30	37
1000	330	4			300	10			30	15	10	19	40	13	20	25	20	17	40	31	30	10	30	69
1500	300	14							360	13	330	11			360	15	40	11	50	23	60	23	50	36
2000	290	22											350	11			60	2			170	18		
3000	300	34							330	12	270	16					310	5	20	6	210	6	110	5
4000	300	42											280	27									50	18
5000	300	37															250	16	210	15				
6000																								
7000																								
8000																								

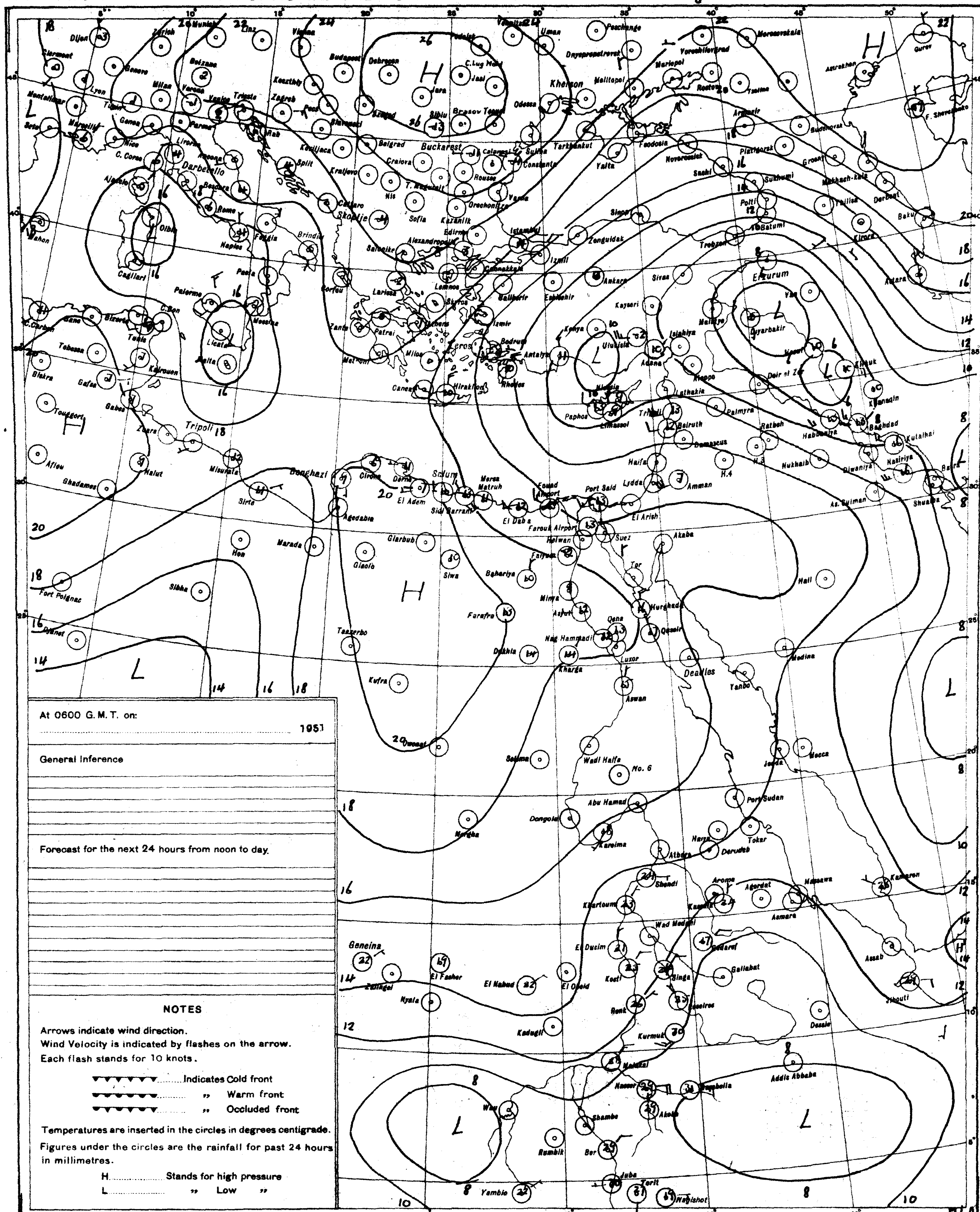
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two houre less than the Egyptian standard time.

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 11/3/1952*



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 ,,

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 24 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: Wednesday 12th March, 1952

At 1200 on Tuesday 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	9	35	02	2	7	Cu, Sc	17.8	15	48	4
	303	SIDI BARANI	300	19	15	02	2	7	Sc	17.2	16	42	3
	306	MATRUH	290	16	14	03	2	8	NS	16.2	15	42	2
	309	EL DABA	290	13	35	03	2	7	St		16	59	8
		ALEXANDRIA											
	318	FOUAD (Airport)	350	20	18	02	2	7	Cu, Sc	16.1	16	59	8
	330	DAMIETTA											
	333	PORT SA'ID	230	12	30	02	1	8	Sc, As	15.0	16	52	6
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR											
	342	MANSURA	220	9	35	03	2	7	Sc, Cu	16.4	18	46	6
	348	TANTA	270	5	35	03	2	6	Cu	16.0	21	41	7
	354	ZAGAZIG	220	1	50	01	2	3	Cu	16.2	19	46	1
	440	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	320	15	30	02	2	5	Sc	16.3	18	34	2
	372	ALMAZA	260	16	18	01	1	4	Sc	16.3	19	30	1
		EZBEKIYA	270	3	18	02	1	6	Cu	16.0	21	28	2
		GIZA	270	3	18	02	1	6	Cu	16.3	21	41	7
	378	HELWAN											
Upper Egypt	381	FAIYUM											
	387	MINYA	340	5	10	00	0	0	—	17.1	20	35	4
	393	ASYUT MANQABAD	340	10	30	00	0	0	—	17.4	20	43	7
	399	NAG' HAMMADI	00	0	15	00	0	0	—	16.3	23	32	5
	402	QENA											
	405	LUXOR	290	2	30	00	0	0	—	15.2	23	22	0
	414	ASWAN											
Oases	417	SIWA	280	10	14	00	0	0	—	19.5	18	32	1
	420	BAHARIYA	320	3	35	02	0	0	—	18.4	20	56	11
	423	FARAFRA	180	1	35	02	2	1	Ac	18.2	23	38	8
	432	DAKHLA	340	11	50	00	0	0	—	18.0	22	44	9
	435	KHARGA	40	1	15	02	1	1		17.0	22	29	3
Red Sea	450	SUEZ	00	5	50	03	0	4		15.2	19	46	7
	459	TOR	360	9	50	02	0	0	—	14.6	21	26	1
	462	HURGHADA	10	18	30	02	0	0	—	14.6	19	46	7
	465	QUSEIR	20	13	15	02	0	0	—	15.1	21	65	14
	641	PORT SUDAN	40	17	30	02	2	4	Ac, Ci	11.8	28	45	15
North Sudan	600	WADI HALFA	320	10	50	03	1	3	Cs	14.1	27	12	-5
	640	ABU HAMAD	360	6	30	02	0	1	Ac		32	8	-7
	660	KAREIMA	20	10	30	03	1	6	Ac	11.8	32	9	-5
	680	'ATBARA	10	13	10	07	2	7	Ac	10.2	32	7	-8
	721	KHARTUM	360	12	30	01	2	6	Ac	8.1	34	5	-10
	730	KASSALA	360	6	30	01	2	2	Ac, Ci	6.3	36	9	-2
Central Sudan	751	WAD MEDANI	50	9	35	02	1	3	Ci	7.5	35	11	0
	801	RENK	310	9	35	02	2	4	As		38	6	-7
	802	ROSEIRES											
	771	EL OBEID	70	13	30	03	0	3	Ac, Ci	7.7	33	6	-9
	760	EL FASHER	70	6	30	03	2	5	Ac		34	16	5
	770	GENEINA	10	1	30	03	2	4	Ac, Ci		35	4	-13
S. Sudan	840	MALAKAL	50	23	50	03	1	4	Ac	4.6			-3
	880	WAU	50	7	30	01	0	1	Ac	4.3	39	12	4
	941	JUBA	70	4	30	03	6	7	Cu, Ac	3.6	27	37	11

At 1800 on Tuesday 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	340	5	15	01	0	1	Cu, Ci	17.5	13	55	4	0
SIDI BARANI	300	18	14	02	1	4	Sc, Ac	17.1	13	48	2	0
MATRUH												
EL DABA	320	7	7	03	2	8	St		14	55	5	0
ALEXANDRIA	310	13	35	02	5	7	NS, Ac	16.7	13	67	1	dr
FOUAD (Airport)												
DAMIETTA	270	14		03	2	6	Sc	16.2	14	77	12	0
PORT SA'ID	300	8	15	03	2	5	Ac	15.2	15	63	8	0
EL 'ARISH												
DAMANHUR	210	5	15	02	0	0	—	16.2	14	77	10	0
MANSURA	360	5		03	2	6	Sc, Cu	15.9	14	67	8	0
TANTA	220	2	35	03	2	7	Cu	16.7	13	77	7	0
ZAGAZIG	220	1	35	02	1	0	—	15.1	14	67	8	0
ISMA'ILIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	320	2	12	00	2	0	—	16.3	15	48	4	0
GIZA	320	2	12	00	2	0	—	16.7	12	63	5	0
HELWAN												
FAIYUM	00	0	35	01	0	0	—	16.6	16	32	-1	0
MINYA	340	1	8	00	0	0	—	16.1	13	48	2	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	7	01	0	1	As	16.6	15	59	7	0
QENA	290	1	7	00	0	0	—	15.4	18	30	0	0
LUXOR												
ASWAN	360	4	15	00	0	0	—	15.0	20	24	-1	0
SIWA	00	0	10	00	0	0	—	18.6	16	45	4	0
BAHARIYA	320	2	15	02	1	3	Ac	18.0	15	68	9	0
FARAFRA	00	0	15	02	2	7	Ac	17.0	18	46	6	0
DAKHLA	320	8	35	00	0	0	—	17.9	18	46	6	0
KHARGA	00	0	15	00	0	0	—	18.3	17	26	-3	0
SUEZ	00	0	35	01	0	0	—	15.4	16	42	3	0
TOR	340	13	7	02	0	0	—	15.4	19	23	-3	0
HURGHADA	340	16	12	02	0	[illegible]	—	14.4	16	52	6	0
QUSEIR			15	02	0	0	—	14.8	19	64	12	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Wednesday 12th March, 1952

Station	Wind 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	290	9	15	00	0	0	—	16.4	0.0	11	16	-5	8	-3	67	5	0	Rain	
SIDI BARANI	230	12	18	02	0	1	Sc	16.3		9	16		6		58	1	0	141	
MATRUH	230	10	18	02	0	1	Sc	16.9	+0.2	11			7		67	5	0	129	
EL DABA	270	24	15	01	1	8	Cu			11	17		7		63	4	0	Rain	
ALEXANDRIA	220	19	50	03	2	4	Cu	15.8	-0.3	14	17	-4	13	0	55	5	dr.	156	174
FOUAD (Airport)	300	17	18	01	2	6	Cu, Sc	15.5	-1.1	14			13	+2	59	6	0	163	134
DAMIETTA	200	2		01	1	7	Sc	15.8	-0.1	12	17	-3	9	-1	77	8	0	163	95
PORT SA'ID	240	13	12	01	1	1	Sc	15.0	-1.3	13	18	-1	13	0	77	9	0	89	
EL 'ARISH																			
DAMANHUR	230	9	7	02	2	8	Cu	15.9	-0.4	13	18	-5	10	0	77	9	0	82	87
MANSURA	270	5	15	03	2	8	Cu	16.4	+0.3	10	19	-4	7	-2	88	8	0	56	44
TANTA	220	2	35	03	2	8	Cu	16.6	-0.2	11	21	-2	9	+1	88	9	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	15.9	-0.5	11	20	-3	8	0	77	7	0	30	23
ISMA'ILIA																			
FAROUK (Airport)	220	12	12	00	0	0	—	17.7		12			9		77	8	0	83	
ALMAZA	200	10	12	00	0	0	—			12			10	-1	63	5	0	71	
EZBEKIYA	00	0	12	00	0	0	—	17.2	+0.7	12	22	-2	10	0	67	6	0	60	20
GIZA	00	0	12	00	0	0	—	17.2	+0.5	14	21	-3	7	-1	55	5	0	58	20
HELWAN																			21
FAIYUM	00	0	35	02	0	0	—	19.5	+3.1	13	22	-3	7	-2	67	7	0	23	7
MINYA	00	0	8	03	1	3	Ci	19.1	+1.3	10	21	-3	5	-2	76	6	0	5	
ASYUT MANQABAD	310	2	8	10	0	0	—	18.7	+2.2	12			9	0	67	6	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	18.3	+2.3	14	24	-2	7	-1	55	5	0	0.1	
QENA	320	1	15	00	0	0	—	18.0	+2.9	14	26	-4	8	-3	67	8	0	2	
LUXOR	00	0	30	01	2	3	Ci	17.4	+1.7	16			7		45	4	0	dr	
ASWAN	00	0	50	01	1	2	Ci	17.8	+2.5	18	25	-5	12	-2	46	6	0	dr	
SIWA	00	0	13	00	0	0	—	19.1	+1.0	11	20	-5	6	-2	51	1	0	25	7
BAHARIYA	320	2	35	02	0	0	—	19.0	+2.0	13	21	-4	6	-3	67	7	0	1	7
FARAFRA	00	0	35	02	2	4	Ac	19.1		12	24		5		55	3	0	Rain	
DAKHLA	00	0	50	03	0	0	—	18.6	+2.0	12	24	-4	7	-2	44	0	0	dr.	
KHARGA	00	0	15	03	1	2	Ci	18.0	+1.9	12	24	-4	8	-3	55	3	0	dr.	
SUEZ	40	4	50	00	0	0	—	17.0	+1.0	13	21	-2	8	-4	67	7	0	44	13
TOR	40	5	35	02	0	1	Ci	16.7	+1.8	18			10	-2	37	3	0	1	12
HURGHADA	300	10	30	02	0	0	—	16.5	+0.9	12	19	-3	10	-2	43	5	0	0	
QUSEIR	330	2	15	00	0	3	Ci	16.2	+1.7	18	21	-4	13	-3	52	8	0	dr	4
PORT SUDAN	340	17	30	02	2	7	Ac	14.3		23	32		21		78	19	0	211	94
WADI HALFA	130	1	30	03	2	8	Ac	16.8		15	30		11		32	2	0	dr.	
ABU HAMAD	360	11	30	03	1	7	Ac			19	33		17		19	5	0		
KAREIMA	20	10	30	03	1	8	Ac	15.4		20	33		18		21	3	0	dr.	1
'ATBARA	360	13	10	01	2	5	Ac	13.9		22	33		20		20	2	0	0	2
KHARTUM	360	12	30	03	2	7	Ac	12.6		23	35		20		15	5	0	0.6	4
KASSALA	00	0	30	03	2	6	Ac	13.0		19	36		17		35	3	0	49	8
WAD MEDANI	50	5	35	02	1	3	Cc	12.5		25	37		16		9	-11	0	20	12
RENK	50	5	35	02	1	5	Ac			26	39		17		8	-11	0		49
ROSEIRES																			37
EL OBEID	30	11	30	03	0	6	Ac, Ci	12.7		21	35		17		17	-5	0	15	16
EL FASHER	340	2	30	02	2	7	Ci			17	36		15		34	1	0	13	6
GENEINA	50	4	30	03	2	4	Ac			23	36		20		10	-11	0		4
MALAKAL	20	15	30	01	2	3	Ac, Ci	10.0		27	40		23		15	-2	0	94	90
WAU	180	6	9	04	2	3	Ac	10.7		25	40		23		30	6	0	166	156
JUBA	130	4	30	00	9	8	Sc, As	13.3		22	32		21		94	21	14	242	172

HUMIDITY % Mean of day

Station	on 11th	Diff. from normal
Alexandria	63	-2
Ezbekiya	47	-13
Giza	58	-6
Helwan		

GIZA GRASS MINIMUM TEMP. ON 12th 3.8 °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 11th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	130	18		290	13
950					
900					
850	1489	5		260	17
800					
700	3047	-2		270	39
600					
500	5640	-20		280	44
400	7261	-31		270	64
300	9235	-45		270	95

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

Height m.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Kharga Dir.	Kharga Vel.	S. Barrani Dir.	S. Barrani Vel.	Siwa Dir.	Siwa Vel.													Minya 20 Dir.	Minya 20 Vel.
Time	14		14		14		14		14		14															
300	330	13	290	10	340	15		20	300	18	310	17													320	18
600	290	20	290	14	330	15		20	300	22															320	17
1000	280	19	290	14	320	14		13	320	24	310	30													290	11
1500	290	20	190	10	280	10			310	27	310	23													280	15
2000					280	28					310	24														
3000											330	17														
4000											300	41														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

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.	Almaza Dir.	Almaza Vel.
Time	8		5		2		2						2		8				8		8		3	15
300	250	5	270	13	290	20	250	16					20	15	320	2			20	5	340	13	240	10
600	280	7	300	13	290	19	280	21					10	12	310	5			60	8	330	26	240	10
1000	280	19	300	14	290	21	280	24					300	11	280	10			340	10	330	14	250	14
1500	290	24	300				330	12					290	19	300	15			350	25	290	16		
2000	290	21	290	24									290	26	290	27			340	32	290	16		
3000															280	40								
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		8		8		4		4		5				4		4		5		4	
300			290	4	120	4		12	80	10														
600			290	6	130	8		6	60	8			20	21			10	9					30	31
1000			280	11	220	8		3	40	8	10	19	30	19			360	17	30	34	60	13		
1500			280	9	220	6		8	20	15	10	18	30	17			20	17	40	20	50	10	20	56
2000			290	30	270	24													20	19			40	16
3000									290	40	240	11	300	9			260	8	20	14	30	7	30	5
4000													310	12							280	11	190	4
5000																			270	7	240	14	80	11
6000																			230	6			40	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.

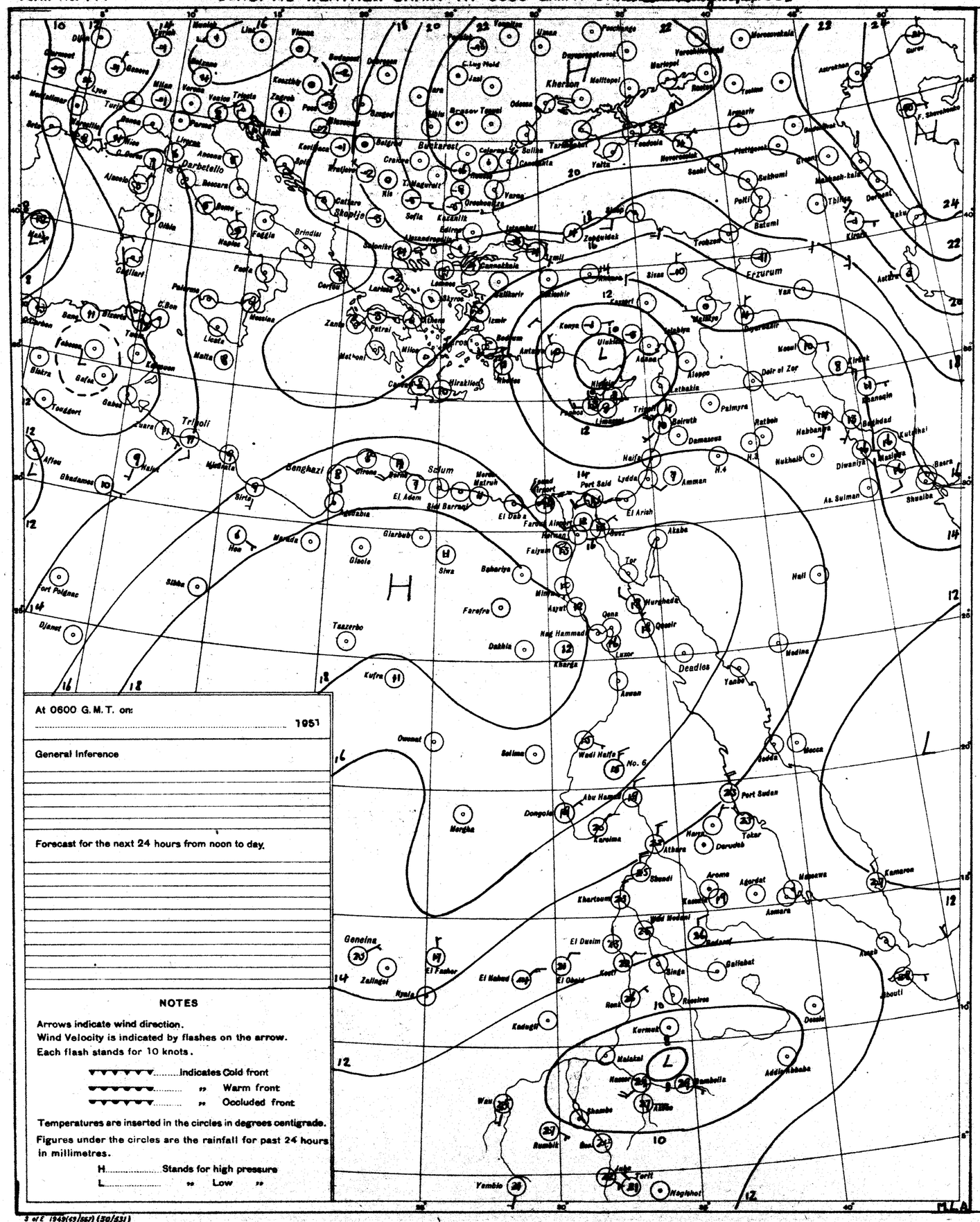
Note: All times are G.M.T.

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 Wednesday 12/3/1952



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) (30/531)

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: Thursday 13th March, 1952

At 1200 on Wednesday 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	270	5	35	03	2	6	Sc,Ci	15.2	20	41	6
	303	SIDI BARÂNI	330	12	18	02	1	2	Sc	15.6	16	49	5
	306	MATRÛH	320	12	30	02	0	3	Sc,Cc	16.4	16	49	5
	309	EL DABA	320	7	35	02	1	4	Cb		16	49	5
		ALEXANDRIA	270	16	50	03	5	8	Sc,Ac	16.2	15	68	9
	318	FOUAD (Airport)	280	18	18	03	2	8	Ns		18	49	7
	330	DAMIETTA	320	5	7	02	1	7	Sc	15.8	16	59	8
	333	PORT SAÏD	300	13	30	02	2	7	Cu,Sc	15.0	17	60	9
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	310	9	15	02	2	8	Cu	15.9	16	59	8
	342	MANSURA	320	9	15	03	2	8	St	16.0	17	52	7
	348	TANTA	270	5	35	03	2	8	Ns	16.4	18	52	8
	354	ZAGAZIG	220	1	50	03	1	6	Cu	15.1	19	46	7
	440	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMAZA	250	16	30	02	1	3	Cu	15.7	19	37	4
		EZBEKIYA	270	3	18	02	1	3	Cu	15.9	21	31	3
		GIZA	270	3	18	02	1	3	Cu	15.9	21	41	7
	378	HELWAN											
UPPER EGYPT	381	FAIYUM	160	6	35	01	1	1	Cu,Sc	17.5	22	21	-1
	387	MINYA	300	4	10	03	1	2	Ci	16.8	22	31	4
	393	ASYUT MANQABAD	340	5	30	02	1	1	Ci	16.7	22	36	6
	399	NAG' HAMMADI	270	1	15	03	0	4	Ac	16.3	24	38	9
	402	QENA	270	1	50	00	0	0	—	16.0	25	42	11
	405	LUXOR	320	4	30	01	1	1	Ci	16.8	25	26	4
	414	ASWAN	20	6	50	01	1	2	Ci	15.0	26	18	0
OASES	417	SIWA	270	9	14	02	1	4	Ac,Cc	17.4	22	27	2
	420	BAHARIYA	270	2	35	02	1	3	Ac	17.0	22	50	11
	423	FARAFRA	360	1	35	02	2	4	Ac	17.0	22	50	11
	432	DAKHLA	160	11	50	00	0	0	—	15.6	26	28	6
	435	KHARGA	00	0	15	02	1	5	Ci	16.8	25	28	5
RED SEA	450	SUEZ	130	4	50	03	0	4	Cu	14.7	20	41	6
	459	TOR											
	462	HURGHADA	30	13	30	02	1	1	Cc		20	49	9
	465	QUSEIR	20	7	15	01	1	2	Ci	15.5	21	65	14
	641	PORT SUDAN	30	18	10	05	2	7	Ac	13.4	26	58	17
NORTH SUDAN	600	WADI HALFA	360	10	50	02	1	6	Cs	13.2	29	12	-3
	640	ABU HAMAD	360	8	30	01	2	8	Ac,Cs		32	6	-10
	650	KAREIMA	50	11	30	03	2	7	Ac	11.9	31	11	-3
	680	'ATBARA	10	17	7	07	0	7	Cs	9.6	33	6	-10
	721	KHARTUM	10	17	30	02	1	3	Ac,Ci	9.3	33	6	-9
	730	KASSALA	360	5	30	01	2	1	Ac,Ci	8.0	35	13	3
CENTRAL SUDAN	751	WAD MEDANI	50	9	35	02	0	0	—	7.2	35	11	0
	801	RENK	310	9	35	02	1	3	Ac		38	6	-7
	802	ROSEIRES	310	2	35	02	0	0	—	5.2	38	6	-7
	771	EL OBEID	50	14	30	01	1	1	Ci	8.0	33		
	760	EL FASHER	50	10	30	03	2	2	Ci		33	9	-4
	770	GENEINA	70	2	50	02	2	8	Cs		35	5	-10
S. SUDAN	840	MALAKAL	20	19	30	02	2	8	Ac,Cs	5.2	38	9	-1
	880	WAU	70	6	30	03	2	8	Ac,Cs	6.2	36	15	6
	941	JUBA	200	5	30	02	6	8	Ac	10.2	25	79	21

At 1800 on Wednesday 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	70	5	15	01	1	4	Ac	14.7	15	68	9	0
SIDI BARÂNI	110	4	15	02	1	2	Ac	14.3	13	63	6	0
MATRÛH	90	2	14	00	0	0	—	16.0	11	77	7	0
EL DABA	00	0	7	00	00	0	—		12	77	8	0
ALEXANDRIA	310	14	35	01	2	2	Cu	17.2	14	67	8	dr.
FOUAD (Airport)	330	10	12	00	1	0	—	16.8	13	77	9	0
DAMIETTA	270	2	7	00	0	0	—	16.7	13	77	9	0
PORT SAÏD	300	10	15	01	2	5	Ac	16.4	15	68	9	0
DAMANHUR	310	5	15	02	1	1	Cu	16.7	13	77	9	0
MANSURA	320	5		00	1	0	—	17.1	14	67	8	0
TANTA	310	2	35	03	2	6	Cu	16.7	13	77	9	0
ZAGAZIG	220	1	35	02	1	0	—	17.2	21	25	0	0
FAROUK (Airport)	330	2	13	03	0	1	Ac	17.3		13		
ALMAZA	00	0	12	03	0	1	Ac	17.1	+0.2	13		
EZBEKIYA	00	0	12	02	1	2	Ac	17.2	+0.8	13	22	-2
GIZA	00	0	12	02	1	2	Ac	17.2	+0.5	15	22	-2
FAIYUM	00	0	35	02	1	1	Cu,Sc	17.0	16	49	5	0
MINYA	00	0	8	00	0	0	Ci	16.9	15	48	4	0
ASYUT MANQABAD	00	0	10	00	0	0	—	16.8	18	46	6	0
NAG' HAMMADI	00	0	7	01	0	3	Ci	16.4	15	77	11	0
QENA	00	0	7	00	0	0	—	15.7	16	49	5	0
LUXOR	00	0	12	02	1	2	Ci	15.5	19	43	6	0
ASWAN	00	0	15	01	1	5	Ci	15.0	23	18	-3	0
SIWA	00	0	10	01	1	0	—	16.0	16	45	4	0
BAHARIYA	320	2	15	02	1	3	Ac	16.6	17	60	9	0
FARAFRA	40	2	35	02	2	0	—	16.2	16	49	5	0
DAKHLA	320	8	35	00	0	0	—	16.0	21	33	4	0
KHARGA	00	0	15	00	0	0	—	17.8	20	24	-1	0
SUEZ	360	4		01	0	1	Cu	16.4	16	49	5	0
TOR												
HURGHADA	00	0	12	00	1	0	—	14.8	18	46	6	0
QUSEIR	330	9	15	02	1	2	Ci	15.5	20	78	16	0
PORT SUDAN	340	7	30	02	2	7	Ac	14.8	23	69	17	0
WADI HALFA	30	5	50	01	2	3	Cs	14.5	24	18	-2	0
ABU HAMAD	60	3	30	03	2	8	Ac,Cs		25	14	-5	0
KAREIMA	20	4	30	02	2	8	Ac	12.5	25	17	-2	0
'ATBARA	350	4	30	02	2	7	Ac,Cs	11.5	25	15	-4	0
KHARTUM	10	8	30	01	1	2	Ac	10.6	27	12	-5	0
KASSALA	40	4	30	02	0	0	—	8.4	27	25	5	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	7	30	02	1	5	Ac,Ci	9.6	26	6	15	0
EL FASHER												
GENEINA												
MALAKAL	00	0	30	01	2	8	Cs	5.9	31	19	5	0
WAU												
JUBA												

At 0600 on Thursday 13th March, 1952

Station	Wind 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	9	15	03	1	4	Ac,Cc	12.4	3.9	15	21	0	10	-1	39	1	0	Rain	
SIDI BARÂNI	170	20	18	02	0	1	Cs	12.8		13	17		9		44	1	0	111	
MATRÛH	160	16	18	03	1	6	Ac	14.7	-2.0	13	17		8		55	4	0	129	
EL DABA	160	7	15	03	2	7	St			11	17		6		77	7	0	Rain	
ALEXANDRIA	160	17	35	03	2	4	Ac	17.2	+1.1	12	16	-5	10	-3	77	8	dr.	156	175
FOUAD (Airport)	170	12	18	03	0	3	Ac	17.1	+0.5	12	17	-3	7	-4	82	9	0	163	135
DAMIETTA	90	2	15	11	0	1	Ac	16.2	+2.3	13	17	-3	7	-3	77	9	0	163	95
PORT SAÏD	190	12	10	03	0	1	Ac	17.4	+1.1	14	18	-1	12	-1	77	10	0	89	
EL 'ARISH																			
DAMANHUR	230	13	7	02	0	1		17.1	+0.8	13	17	-6	7	-3	77	9	0	82	87
MANSURA	180	5	35	00	0	0	—	17.4	+1.3	12	18	-5	7	-2	77	8	0	56	44
TANTA	160	2	35	02	0	0	—	17.2	+0.4	12	19	-4	7	-1	77	8	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	17.0	+0.7	12	21	-3	8	0			0	30	23
FAROUK (Airport)																			
ALMAZA																			
EZBEKIYA																			
GIZA																			
HELWAN																			
FAIYUM	00	0	35	03	1	2	St	18.1	+1.7	14	22	-3	7	-2	67	8	0	23	7
MINYA	00	0	8	00	0	0	—	17.4	-0.3	13	23	-1	5	-2	55	4	0	5	
ASYUT MANQABAD	20	2	10	00	0	0	—	17.5	+1.1	14	23	-2	7	-2	59	6	0	3	
NAG' HAMMADI	00	0	7	01	0	3	As	17.9	+2.0	15	26	0			59	7	0	0.1	
QENA	00	0	15	00	0	0	—	17.6	+2.5	16	27	-3	9	-2	59	8	0	2	
LUXOR											27								
ASWAN	20	3	50	01	1	5	Ci	17.0	+1.8	18	26	-4	13	-1	28	-1	0	dr.	
SIWA	110	4	13	03	0	2	Ci	16.0	-2.1	12	23	-2	8	0	47	0	0	25	7
BAHARIYA	90	3	35	02	0	0	—	17.2	+0.2	16	23	-2	9	0	59	8	0	1	7
FARAFRA	360	1	35	02	0	0	—	16.7		13	25		6		67	7	0	Rain	
DAKHLA	340	5	50	00	0	0	—	16.0	-0.6	13	28	0	10	0	44	1	0	dr.	
KHARGA	00	0	15	00	0	0	—	16.0	0.0	17	26	-2	11	0	42	4	0	dr	
SUEZ	130	1	50	00	0	0	—	17.2	+1.2	12	22	-2	9	-3	77	8	0	44	13
TOR																			12
HURGHADA	290	8	30	02	0	0	—	17.1	+1.5	17	21	-1	10	-2	37	2	0	0	
QUSEIR	330	5	15	00	1	2	Ci	16.6	+2.2	19	22	-3	15	-2	52	9	0	dr.	4
PORT SUDAN	340	9	30	01	2	4	Cu,Ac	15.8		15	36		18		68	9	0	211	94
WADI HALFA	10	3	30	01	2	6	Ac	16.9		18	30		15		24	-3	0	dr.	
ABU HAMAD			30	02	2		Ac,Cs			23	32		18		15	-5	0		
KAREIMA																			1
'ATBARA	40	7	30	02	2	7	Ac,Cs	13.8		23	34		17		20	-1	0	0	2
KHARTUM	40	11	30	02	2	7	Ac,Cs	12.7		23	35		17		16	-4	0	0.6	4
KASSALA	20	5	30	03	1	5	Ac,Cs	11.7		25	36		15		28	5	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			37
EL OBEID						1	Ci	12.8		23	34		18		9	-12	0	15	16
EL FASHER																			6
GENEINA	30	4	30	03	2	7	Ac			23	36		18		7	-16	0		4
MALAKAL	20	12	30	02	2	8		11.2		26	39		23		17	-1	0	94	90
WAU											38								156
JUBA																			173

HUMIDITY %

Mean of day

Station	on 12th	Diff. from normal
Alexandria	57	-8
Ezbekiya	61	+1
Giza	58	-6
Helwan		

GIZA GRASS MINIMUM TEMP ON 13th 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 ..... At .....

Pressure 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

Height m.	Port Said Dir.	Port Said Vel.	Luxor Dir.	Luxor Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Siwa Dir.	Siwa Vel.									Minya Dir.	Minya Vel.
Time	14		14	15	14		14		14		14		14		14										20	
300	280	8	340	8	350	10	330	7	190	5	120	3	270	6	260	4									30	6
600	290	16	320	1	350	9	300	7	180	6	100	7	280	12	260	8									340	7
1000	290	19	310	5	340	10	290	7	170	5	80	10	260	17	260	16									340	7
1500	280	18	290	10	330	11	290	18	170	5	70	9	260	23	250	7									280	5
2000			290	16			270	24					280	23	250	5									280	20
3000			320	18			270	30					280	24	260	13										
4000															280	18										
5000															280	36										
6000															280	47										
7000															280	50										
8000																										

UPPER WIND OBSERVATIONS on 13th

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.	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	8		5				2						2		8		8		8		8			
300	190	23	200	20			220	6					90	16	10	8	50	8			350	10		
600	210	17	240	5			240	7							110	13	90	11	90	16	350	10		
1000	220	12	220	13			250	3					120	6	140	9	130	9	150	9	350	4		
1500	250	10	230	3			280	12					290	3	210	16	180	3	330	3	280	4		
2000	220	14	300	11									290	13	270	17	300	2			290	2		
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.	Khartûm Dir.	Khartûm 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	
300	130	30	130	25	130	15	80	12																
600	150	36	130	18	130	19	110	18															40	32
1000	150	25	140	24	150	32	140	19											50	41			40	56
1500	150	11	130	43	180	39	200	15											50	21			50	38
2000	200	6					220	23											20	15				
3000	260	16																	360	9			50	16
4000	300	18																						
5000	330	6																					50	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.

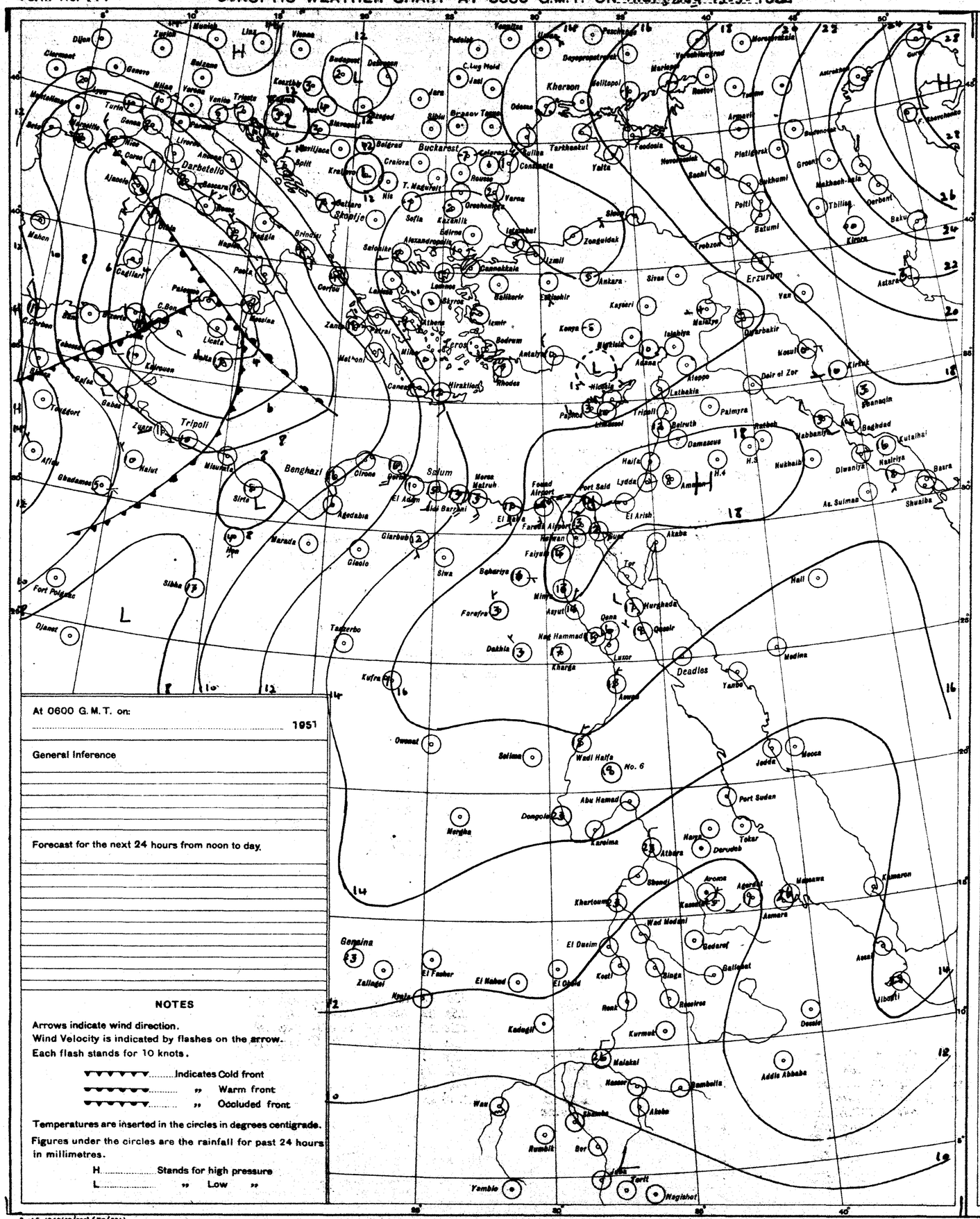
Note: All times are G.M.T.

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 Thursday 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 / 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

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 07 G.M.T.

" " Sunset 16 03 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 14th March, 1951

At 1200 on Thursday 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	180	9	35	03	2	7	AS, CS	10.6	25	19	0
	303	SÎDI BARÂNI	170	11	18	02	2	7	AC	10.8	24	28	4
	306	MATRÛH	170	13	18	03	1	6	AS	13.4	23	20	-1
	309	EL DABA	160	6	35	02	1	4	Cb		23	24	1
		ALEXANDRIA	130	10	50	03	2	3	SC	15.9	22	29	3
	318	FOUAD (Airport)	140	12	18	02	0	1	SC, Cu	15.6	23	44	10
	330	DAMIETTA	140	5	35	02	0	1	Cu	17.1	19	56	10
	333	PORT SA'ÎD	80	10	30	02	0	1	Cu	16.2	18	52	8
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	9		02	0	0	—	16.3	23	32	5
	342	MANSURA	140	5	35	00	0	0	—	16.4	23	38	8
	348	TANTA	180	2	35	02	0	0	—	16.4	24	32	6
	354	ZAGAZIG	220	1	50	02	0	0	—	15.9	23	38	8
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	00	0	30	00	0	0	—	16.6	24	26	3
	372	ALMÂZA	110	7	30	00	0	0	—	15.3	24	26	3
		EZBEKÎYA	330	2	18	00	0	0	—	15.5	25	24	3
		GÎZA	330	2	18	00	0	0	—	15.2	25	28	5
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	20	4	35	01	0	0	—	15.1	25	22	2
	387	MINYA	100	2	10	00	0	0	—	15.4	27	23	4
	393	ASYÛT MANQABÂD	120	8	30	00	0	0	—	14.2	28	25	6
	399	NAG' HAMMÂDI	110	1	15	00	0	0	—	15.0	28	27	7
	402	QENA	270	1	50	00	0	0	—	14.7	28	33	10
	405	LUXOR	60	3	30	01	0	1	Ci	13.9	30	16	1
	414	ASWÂN	00	0	50	03	2	4	AS	13.1	32	7	-9
Oases	417	SÎWA	110	11	13	01	2	2	AS	12.7	25	18	-1
	420	BAHARÎYA	90	2	35	02	0	0	—	14.6	26	42	12
	423	FARAFRA	180	2	35	02	2	1	AC	13.0	30	40	15
	432	DAKHLA	160	14	35	02	0	0	—	15.1	31	28	10
	435	KHARGA	00	0	15	00	0	0	—	13.1	31	17	3
Red Sea	450	SUEZ	180	2	50	02	0	0	—	15.8	21	38	6
	459	TÛR	290	5	50	02	0	0	—		23	38	8
	462	HURGHADA	60	5	30	02	0	0	—	15.3	21	57	12
	465	QUSEIR	20	9	15	03	1	3	Ci	16.4	22	74	17
	641	PORT SUDÂN	30	16	30	02	2	5	Ac, Ci	13.8	26	62	18
North Sudan	600	WÂDI HALFA	140	5	30	01	2	6	Ac, Cs	11.0	35	8	-5
	640	ABU HAMAD	50	4	30	03	1	6	Ac		34	11	-7
	660	KAREIMA	50	6	30	02	2	7	Ac	10.8	32	11	-2
	680	'ATBARA	350	16	10	07	2	4	Ac, Cs	9.2	33	5	-12
	721	KHARTÛM	20	8	30	01	2	3	Ci	8.5	35	9	-3
	730	KASSALA	340	6	30	03	2	4	Cs	6.6	35	14	4
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	310	2	35	01	1	5	Ci	4.9	37	20	11
	771	EL OBEID	70	13	30	02	1	7	Cs	6.4	34	4	-15
	760	EL FÂSHER	90	6	30	03	2	8	Ci		33	12	0
	770	GENEINA	220	1	30	02	2	8	Ac, Cs		36	9	-2
S. Sudan	840	MALAKÂL	90	6	30	03	2	8	Ac	7.5	34	15	4
	880	WÂU	20	9	10	04	1	3	Cs	5.5	38	10	1
	941	JUBA	90	4	50	02	2	7	Cu, Ac	7.1	33	34	15

At 1800 on Thursday 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	220	2	15	01	1	4	As	8.8	19	52	9	0
SÎDI BARÂNI	00	0	18	01	2	2	As	9.1	18	52	8	0
MATRÛH												
EL DABA	140	3	7	03	2	8			17	72	12	0
ALEXANDRIA	110	16	35	03	2	2	Ac	14.4	16	68	10	0
FOUAD (Airport)												
DAMIETTA	70	5		02	0	0	—	17.0	16	77	12	0
PORT SA'ÎD	80	15	15	01	0	2	Ci	16.5	16	68	10	0
EL 'ARISH												
DAMANHUR	130	9	15	02	0	0	—	15.4	15	68	9	0
MANSURA	90	13		00	0	0	—	16.6	15	68	9	0
TANTA	310	2	35	02	0	0	—	15.9	19	58	9	0
ZAGAZIG			35	02	0	0	—	15.6	18	49	7	0
ISMA'ILIA												
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	40	4	12	00	0	0	—	14.8	20	33	3	0
GÎZA	40	4	12	00	0	0	—	15.6	20	33	3	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	15.5	16	59	8	0
MINYA	40	3	8	00	0	0	—	14.0	17	52	7	0
ASYÛT MANQABÂD	100	2	10	00	0	0	—	13.5	21	44	8	0
NAG' HAMMÂDI	00	0	7	01	0	2	Ac	14.6	23	32	5	0
QENA			7	00	0	0	—	15.4	18	60	10	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	13.5	27	9	-8	0
SÎWA	80	6	10	01	0	0	—	6.8	20	38	5	0
BAHARÎYA	90	3	15	02	0	0	—	12.8	19	46	7	0
FARAFRA												
DAKHLA	320	8	35	00	0	0	—	13.1	25	22	2	0
KHARGA	00	0	15	00	0	0	—	14.6	23	12	-8	0
SUEZ	00	0	35	03	0	3	Sc	15.8	18	60	10	0
TÛR	160	13	7	02	0	0	—		21	41	7	0
HURGHADA	00	0	12	02	0	0	—	16.0	17	52	7	0
QUSEIR	90	2	15	01	1	2	Ci	16.6	21	74	16	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Friday 14th March, 1952

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.	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	13	15	00	0	2	As	2.6	-13.5	16	25	+4	14	+3	88	14	0	Raw	
SÎDI BARÂNI	320	4	6	13	0	0	—	0.8		16	25		14		68	10	0	111	
MATRÛH	190	21	17	07	0	0	—	0.2	-16.4	19			15		21	-4	0	129	
EL DABA	180	14	15	00	0	0	—			20	24		10		28	1	0	Raw	
ALEXANDRIA	130	27	35	04	2	8	As	4.6	-11.4	16	23	+2	13	0	49	5	0	156	175
FOUAD (Airport)	120	25	12	02	2	8	As	3.8	-12.8	15			14	+3	59	7	0	163	135
DAMIETTA	90	9		03	2	8	Sc	9.0	-6.7	16	20	0	12	+2	77	12	0	163	96
PORT SA'ÎD	100	18	10	03	1	8	Ac	9.4	-6.9	16	20	+1	14	+1	68	10	0	58	
EL 'ARISH																			
DAMANHUR	130	13	15	02	1	4	Cu			15	24	+1	8	-2	59	7	0	82	88
MANSURA	90	19	15	03	2	8	Cu, Ac			15	23	0	12	+3	59	7	0	56	44
TANTA	180	8	15	03	2	8	As	6.1	-10.7	18	24	0	12	+4	52	8	0	64	34
ZAGAZIG	40	7	35	03	1	2	Cu	8.4	-7.9	16	24	0	9	+1	64	9	0	30	23
ISMA'ILIA																			
FAROUK (Airport)	200	34		32	3	7	Ci	8.2		25			12		9	-10	0	83	
ALMÂZA	180	30	1.3	09	2	8	Ac, Ci	7.6	-9.3	26			16	+5	13	-5	0	71	
EZBEKÎYA	150		0.7		1	7	Ac, Cs	8.2	-8.2	21	27	+2	13	+3	33	4	0	60	20
GÎZA	150		0.7		1	7	Ac, Cs	9.0	-7.7	20	27	+3	9	+1	33	3	0	58	20
HELWÂN																			22
FAIYÛM	00	0	35	03	2	8	St	10.0	-6.4	19	26	+1	12	+3	46	7	0	23	7
MINYA	150	16	10	03	0	5	Cs	10.0	-7.6	20	28	+4	12	+5	38	5	0	5	
ASYÛT MANQABÂD	180	26	2	07	0	0	—	11.6	-9.8	23	29	+4	16	+7	38	8	0	3	
NAG' HAMMÂDI	110	2	7	01	1	3	Ci	13.1	-2.7	21	28	+2	12	+3	57	12	0	0.1	
QENA	320	1	15	00	0	0	—	15.0	0.0	18	30	0	11	0	73	13	0	2	
LUXOR																			
ASWÂN	00	0	50	01	1	4	Ci	16.2	+1.1	22	33	+3	17	+2	36	6	0	dr.	
SÎWA	270	12	14	02	0	2	Ac	5.1	-12.9	20	26	+1	20	+12	46	8	0	25	7
BAHARÎYA	180	7	15	02	0	0	—	8.3	-8.6	26	27	+2	17	+8	42	12	0	1	7
FARAFRA	120	4	7	06	2	7	Cs	9.8		24			14		21	0	0	Raw	
DAKHLA	90	11	50	03	0	2		13.0	-3.5	21	32	+4	12	+2	41	7	0	dr.	
KHARGA	00	0	15	03	1	1	Ci	13.6	-2.4	20	32	+4	13	+2	33	3	0	dr.	
SUEZ	180	2	50	00	0	5	Sc, Ci	10.6	-5.4	19	24	0	11	-1	78	15	0	44	13
TÛR	220	4	15	02	0	0	—	14.3	-0.5	21			14	+2	50	10	0	1	12
HURGHADA	120	11	30	02	0	1	Ci	14.2	-1.4	21	22	0	10	-2	57	12	0	0	
QUSEIR	200	5	15	02	0	0	—	16.0	+1.6	17	22	-3	15	-2	64	12	0	dr.	4
PORT SUDÂN	310	9	30	02	1	2	Ac	16.5		24	26		17		44	11	0	211	44
WÂDI HALFA	130	2	30	02	2	8	Cs	15.3		21	35		17		17	-5	0	dr.	
ABU HAMAD	50	2	30	03	1	7	Ac			22	35		19		21	-1	0		
KAREIMA	50	4	30	03	1	5	Ac	14.0		22	34		17		35	1	0	dr.	1
'ATBARA	40	3	30	01	2	3	Ac, Cs	14.5		21	35		16		31	3	0	0	2
KHARTÛM	70	7	30	03	1	6	Ac	13.6		23	36		18		20	-1	0	0.6	4
KASSALA	170	1	30	03	0	1	Ac	12.8		21	35		14		41	7	0	49	8
WÂD MEDANI	50	5	50	02	0	2	Ci	12.9		24	36		18		30	5	0	20	12
RENK	50	5	35	02	0	2	Ac			25	38		17		19	0	0		49
ROSEIRES	230	2	35	02	1	4	Ci	13.3		22	39		17		12	-9	0	92	37
EL OBEID	50	5	30	03	2	0	—	13.1		23	35		20		11	-9	0	15	16
EL FÂSHER	340	6	30	02	1	4	Ac, Ci			21	35		15		18	-4	0	13	6
GENEINA	50	1	30	03	2	8	Ac, Cs			19	37		17		19	-5	0		4
MALAKÂL	40	13	30	03	2	8	Ac, Cs	11.6		27	36		14		19	1	0	94	90
WÂU	290	1	10	04	1	4	Cs	11.2		25	39		22		36	9	0	166	157
JUBA	130	2	30	02	2	7	Sc, Ac	11.6		27	35		23		55	17	0	242	174

HUMIDITY %

Mean of day

Station	on 13th	Diff. from normal
Alexandria		
Ezbekîya	41	-19
Giza	37	-27
Helwân		

GÎZA

GRASS MINIMUM TEMP ON 14th 7.5 °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 ..... 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 13th

Height m.	Hurghada Dir.	Hurghada Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Asyut Dir.	Asyut Vel.	Minya Dir.	Minya Vel.	S. Baram Dir.	S. Baram Vel.	Kharga Dir.	Kharga Vel.
Time	14		14		14		14		14		14		14	
300	110	10	140	28	180	14	120	9	100	5	170	12	180	14
600	80	5	140	23	190	16	180	6	100	6	170	19	180	18
1000	70	8	150	23	190	19	200	14	120	9	170	17	160	17
1500			160	24	190	13	210	14	110	9	160	15		
2000			250	4			220	21			170	10		
3000			240	22			280	26			230	19		
4000			240	43										
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 14th

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.	Dir.	Vel.
Time													8		8						8			
300													130	19	170	33					150	23		
600													200	26	180	21					150	20		
1000																					180	27		
1500																					230	13		
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.	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	8				8		8		4		4		5		4		4		4				4	
300	270	24			130	13	190	17	140	11														
600	260	37			130	17	200	24	150	11	70	15	80	15	50	20	120	3						
1000	260	43			210	41	210	26	170	6	70	17	90	15	40	19	80	3	60	25			50	54
1500	260	39			190	48	220	18	260	4	30	11	80	14	40	8	30	14	70	8			50	33
2000	260	34																	360	9				
3000	260	50							260	12	350	15					360	23	360	13			20	12
4000											300	11					10	11	80	5				
5000									270	19														
6000									260	23														
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.

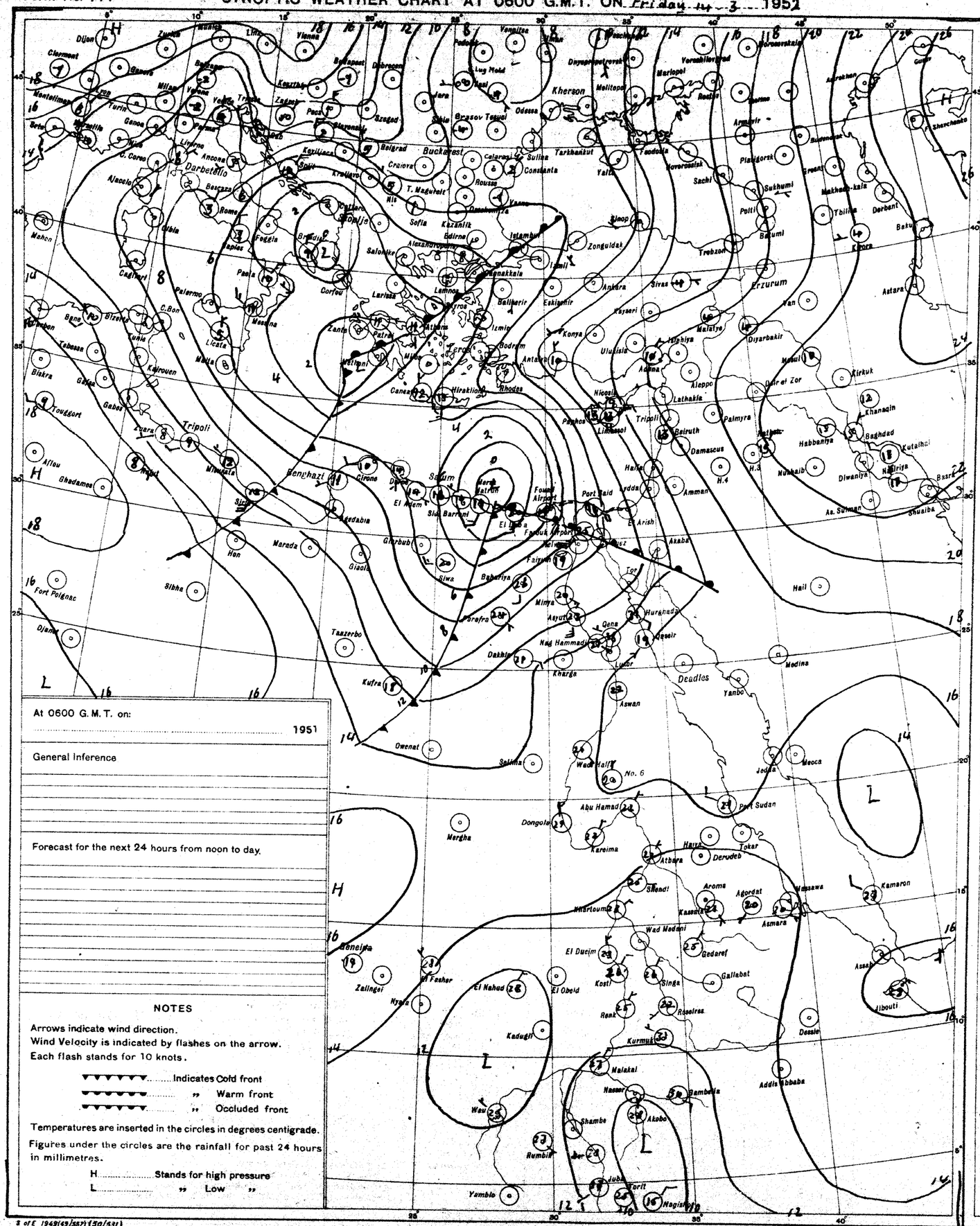
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 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	
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	
Cirrostratus	
Cirrocumulus	
Altocumulus	
Altostratus	
Stratocumulus	
Nimbostratus	
Cumulus or Fractocumulus	
Cumulonimbus	
Stratus or Fractostratus	

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, — WEATHER SECTION, — EGYPT

Form 7F.

MAY 26 1952 WEATHER BUREAU

DAILY WEATHER REPORT

Date: Saturday 15th March, 1951

At 1200 on Friday 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	SALUM	270	13	35	03	1	4	Cu	3.8	24	32	6
	303	SIDI BARANI	320	5	18	03	0	2	Ac, Ci	3.8	20	60	12
	306	MATRUH	300	11	12	00	0	0	—	4.1	20	60	12
	309	EL DABA	320	11	35	00	0	0	—		21	57	12
		ALEXANDRIA	310	27	1.5	31	3	4	As		23	38	8
	318	FOUAD (Airport)	250	30	1.5	31	3	4	Ac	5.1	23	36	7
	330	DAMIETTA	160	9	3	06	2	8	Sc	5.5	23	50	12
	333	PORT SA'ID	220	14	1.3	09	3	8	Ac	5.3	23	44	10
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	270	24	7	02	1	0	—	5.5	30	24	7
	342	MANSURA	140	24	15	32	3	9	—	6.2	29	23	6
	348	TANTA	220	8	35	03	2	7	Cu	5.3	30	31	11
	354	ZAGAZIG	320	5	3	34	3	8	Cu	6.0	29	35	12
	441	ISMAILIA											
CAIRO AREA	366	FAROUK (Airport)	220	36		34	3	9	—	7.1	32	7	-8
	372	ALMAZA	170	24	0.9	35	3	9	—	6.8	31	8	-6
		EZBEKIYA	180		1.3		3	9	—	6.6	32	11	-2
		GIZA	180		1.3		3	9	—	7.4	32	10	-3
	378	HELWAN											
UPPER EGYPT	381	FAIYUM											
	387	MINYA	200	16	3	01	2	5	Ci	8.4	34	6	-8
	393	ASYUT MANQABAD	180	27	0.9	31	3	8	Cs	8.8	35	15	5
	399	NAG' HAMMADI											
	402	QENA											
	405	LUXOR	200	4	30	00	0	0	—	10.6	34	13	2
	414	ASWAN	00	0	50	00	0	0	—	11.9	34	14	3
OASES	417	SIWA	270	16	10	00	0	0	—	7.8	26	17	-1
	420	BAHARIYA	180	5	35	02	0	0	—	7.4	33	44	19
	423	FARAFRA	240	3	15	02	2	4	Ac	8.4	33	16	4
	432	DAKHLA	160	16	1.5	35	4	0	—	7.4	36	29	15
	435	KHARGA	180	9	7	00	0	0	—	7.4	35	12	1
RED SEA	450	SUEZ	180	2	50	01	0	4	Sc, Ci	7.2	23	44	10
	459	TOR			50	02	0	0	—	10.3	23	61	15
	462	HURGHADA	120	16	30	02	0	0	—	11.5	23	61	15
	465	QUSEIR											
	641	PORT SUDAN	50	12	30	02	1	1	Ac, Cc	13.2	26	62	18
NORTH SUDAN	600	WADI HALFA	130	10	30	02	2	7	Cc	10.0	35	10	-1
	640	ABU HAMAD	20	2	30	01	2	8	Ac, Cs		33	8	-6
	660	KAREIMA	40	8	30	02	1	6	Ac	9.9	35	12	1
	680	'ATBARA											
	721	KHARTUM	10	8	30	01	1	4	Ac, Ci	8.4	35	14	4
	730	KASSALA	20	4	30	02	0	0	—	5.8	37	13	5
CENTRAL SUDAN	751	WAD MEDANI											
	801	RENK	310	9	35	02	0	4	Cc		40	6	-5
	802	ROSEIRES											
	771	EL OBEID	350	10	30	03	1	5	Ac	6.9	36	6	-8
	760	EL FASHER	170	4	30	02	1	1	Ci		36	10	-1
	770	GENEINA	140	1	30	02	2	8	Cs		37	5	-9
S. SUDAN	840	MALAKAL	20	8	30	01	2	5	Ac	5.7	37	10	2
	880	WAU	110	8	10	04	2	6	Cu, Ac	5.3	38	15	7
	941	JUBA	180	2	30	02	5	7	Cu, Ac	8.2	31	41	16

At 1800 on Friday 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	250	9	15	13	4	7	Sc, Cu	7.6	15	77	11	0.5
SIDI BARANI	280	18	14	13	5	3	As	7.7	16	59	8	dr.
MATRUH	240	8	10	02	1	3	Cs	7.5	16	72	11	0
EL DABA	290	3	7	00	0	0	—		16	77	12	0
ALEXANDRIA	310	11	35	00	0	0	—	7.0	18	60	10	0
FOUAD (Airport)												
DAMIETTA	110	5		02	2	8	Sc	7.6	20	56	11	0
PORT SA'ID	360	5	4	01	2	4	Ac	6.9	19	64	12	0
EL 'ARISH												
DAMANHUR	360	9	15	02	0	0	—	6.8	19	52	9	0
MANSURA	340	3		00	3	0	—	7.2	20	46	8	0
TANTA	310	2	35	03	2	8	Cu	7.0	18	73	13	0
ZAGAZIG	00	0	35	02	4	0	—	7.4	21	50	10	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA				02	1	8	Cs	6.8	24	34	7	0
GIZA				02	1	8	Cs	6.9	22	36	6	0
HELWAN												
FAIYUM	360	6	35	01	2	6	St	7.5	25	28	5	0
MINYA	110	3	8	01	2	3	Ac	8.5	25	22	2	0
ASYUT MANQABAD	180	15	6	00	0	0	—	7.8	31	9	-6	0
NAG' HAMMADI	00	0		01	0	3	As	9.9	28	22	4	0
QENA	00	0	7	02	1	4	Ci		32	50	11	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	10.7	29	14	-1	0
SIWA	280	14	8	01	0	0	—	10.7	20	41	6	0
BAHARIYA	180	4	15	02	0	0	—	9.0	25	47	13	0
FARAFRA	290	6	7	02	2	0	—	10.0	26	25	4	0
DAKHLA	20	14	0.1	32	3	0	—	10.7	29	35	12	0
KHARGA	360	2	15	00	0	0	—		26	25	4	0
SUEZ	130	9	35	01	0	3	Sc, Ci	7.5	22	50	11	0
TOR	160	13		02	0	0	—	8.6?	22	57	13	0
HURGHADA	130	6	12	02	0	0	—	11.0	20	94	19	0
QUSEIR	180	5	15	01	1	0	—	13.0	22	83	19	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Saturday 15th March, 1952

Station	Wind 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	00	0	0	—	12.0	-4.3	12	25	+4	10	-1	77	8	0.5	Rain	
SIDI BARANI	240	17	18	00	0	0	—	11.1		12	21		10		63	5	dr.	111	
MATRUH	240	23	18	00	0	0	—	11.9	-4.7	14	24		10		59	6	0	129	
EL DABA	270	11	15	00	0	0	—			14			10		67	8	0	Rain	
ALEXANDRIA	130	16	50	03	1	5	Ci	13.0	-3.0	14	27	+6	13	0	67	8	0	156	175
FOUAD (Airport)	140	16	18	02	1	5	Ci	12.8	-3.7	+3			13	+2	77	9	0	163	135
DAMIETTA	220	5	15	01	1	4	Ac	12.4	-3.4	15	26	+6	11	0	77	11	0	163	96
PORT SA'ID	250	12	8	03	1	5	Ci	11.5	-4.8	15	25	+6	14	+1	77	11	0	89	
EL 'ARISH																			
DAMANHUR	270	13	15	02	1	3	Ci	13.6	-2.7	15	30	+7	11	+1	77	11	0	82	88
MANSURA	270	13	35	02	1	3	As	13.5	-2.5	16	30	+7	10	+1	68	10	0	56	45
TANTA	220	8	35	01	1	2	Cu	13.5	-3.3	16	30	+6	11	+2	59	8	0	64	34
ZAGAZIG	00	0	35	03	1	6	Cu	12.4	-3.9	14	29	+5	8	-1	77	10	0	30	23
ISMAILIA																			
FAROUK (Airport)	220	12	8	05	2	7	St	14.2		17			16		60	9	0	83	
ALMAZA	250	12	10	01	2	8	Ac	13.7	-3.1	17			16	+5	56	8	0	71	
EZBEKIYA			12	02	1	7	Ac	14.2	-2.2	18	32	+7	16	+6	52	8	0	60	20
GIZA			12	02	1	7	Ac	13.5	-3.1	17	32	+8	13	+5	60	9	0	58	20
HELWAN																			22
FAIYUM	240	2	35	03	2	7	Cu	16.6?	+0.2	17	34	+9	15	+6	52	7	0	23	7
MINYA	330	4	8	01	2	3	Ci	15.8	-1.8	18	35	+11	13	+5	46	6	0	5	
ASYUT MANQABAD	310	8	8	01	0	0	—	15.8	-0.5	17			15	+6	46	5	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	15.1	-0.6	19	34	+8	14	+5	46	7	0	0.1	
QENA	360	1	15	00	0	0	—	13.6	-1.4	19	32	+2	13	+2	52	9	0	2	
LUXOR	20	9	4	05	2	0	—	13.2	-2.2	21			15		38	6	0	dr.	
ASWAN	00	0	50	00	0	0	—	13.1	-1.9	22	35	+5	18	+3	33	5	0	dr.	
SIWA	220	4	14	00	0	0	—	15.9	-2.1	14	28	+3	10	+2	67	8	0	25	7
BAHARIYA	00	0	35	02	1	3	Ac	16.6	-0.2	16			14	+5	68	10	0	1	7
FARAFRA	340	3	15	02	2	2	Ac	17.4		17	34		12		60	9	0	Rain	
DAKHLA	340	11	35	02	0	0	—	15.8	-0.6	18	36	+8	11	+1	46	6	0	dr.	
KHARGA											35	+6							
SUEZ	00	0	50	00	0	5	Cu	12.6	-3.4	22	25	+1			36	6	0	44	13
TOR	20	9	35	02	0	0	—	12.7	-2.0	22			19	+7	44	9	0	1	12
HURGHADA	290	18	30	02	0	0	—	11.2	-4.3	20	25	+3	15	+3	77	16?	0	0	
QUSEIR	200	5	15	02	0	0	—	11.1	-3.2	22	26	+1	16	-1	83	19?	0		4
PORT SUDAN	310	8	50	02	2	7	Ac	13.6		24	27		19		69	18	0	211	94
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			2
KHARTUM																			4
KASSALA	00	0	30	01	1	1	Ac	10.5		25	38		16		24	3	0	49	8
WAD MEDANI																			12
RENK	310	5	15	02	1	6	Ac			24	40		19		34	7	0		49
ROSEIRES																			37
EL OBEID	90	5	30	02	0	1	Ac	10.7		27	37		19		13	-4	0	15	16
EL FASHER																			6
GENEINA	00	0	30	01	2	3	Ac, Cc			25	38		20		14	-5	0		4
MALAKAL	40	7	30	02	2	8	Ac	10.1		29	40		23				0	94	90
WAU																			158
JUBA																			175

HUMIDITY %

Mean of day

STATION	on 14th	Diff. from normal
Alexandria	55	-10
Ezbekiya	28	-32
Giza	30	-33
Helwan		

GIZA GRASS MINIMUM TEMP ON 15th 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.
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 14th

Height m.	Malrah Dir.	Malrah Vel.	Hurghada Dir.	Hurghada Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Sura Dir.	Sura Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
TIME	14		14		14		14		14	30	14		14		14		20		20	
300	270	15	130	20	300	22	220	27	210	47	180	46	190	30	260	31	310	30	300	10
600	260	25	150	29	300	25	230	29	210	25	170	42	200	33	260	30	300	34	260	7
1000	240	24	210	10	280	27	220	25	220	29	180	43			250	27	300	42	220	5
1500			180	19	240	28									260	29			210	11
2000															240	41				
3000																				
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 15th

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			5		8		2						2		6									
300			130	26	270	16	270	16					350	16	330	32								
600			350	27	270	26	280	14					350	13	340	24								
1000			360	25			290	14					330	26	320	23								
1500			360	35			320	10					270	19	340	16								
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				8		8		4		4												4	
300	280	10			320	26	360	29	140	20														
600	290	14			320	32	360	35	160	24	50	8												
1000	280	28			330	17			170	9	30	6											40	1
1500	280	30							170	9	80	4											40	22
2000	280	45									340	9											70	7
3000	280	31							310	16	280	17											50	3
4000									310	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.

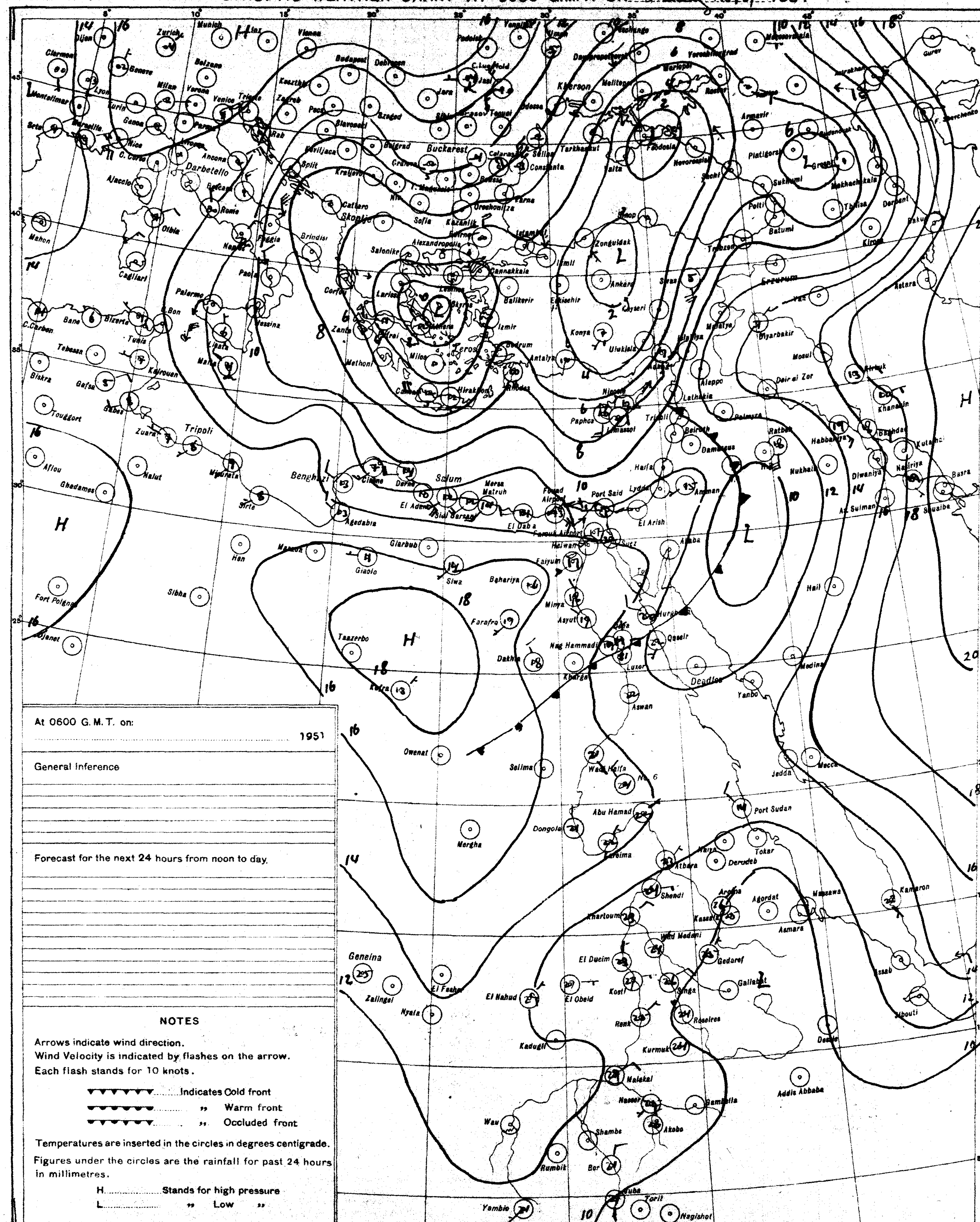
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON [illegible] 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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 14 04 G.M.T.
" " Sunset 16 04 G.M.T.

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

Form 7F.

MAY 26 1952 WEATHER BUREAU

DAILY WEATHER REPORT

Date: Sunday 16th March, 1951

At 1200 on Saturday 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	270	13	35	03	1	5	Cu	11.9	20	41	6
	303	SÎDI BARÂNI	260	18	18	03	1	3	SC	11.9	20	38	5
	306	MATRÛH	290	16	18	03	1	2	Cu	13.3	17	52	7
	309	EL DABÂ	320	9	35	00	0	0	—		18	46	6
		ALEXANDRIA											
	318	FOUAD (Airport)	260	26	18	02	0	1	Ci	14.3	19	46	7
	330	DAMIETTA	220	13	35	01	1	2	AC	13.1	20	41	6
	333	PORT SA'ÎD	290	22	30	01	0	1	Ci	11.8	22	36	6
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	9	15	02	0	0	—	13.4	21	41	7
	342	MANSURA	320	19	35	02	1	2	As	13.6	22	29	3
	348	TANTA	220	8	35	01	1	4	Cu	13.3	22	36	6
	354	ZAGAZIG	220	2	50	02	1	0	—	13.3	23	38	8
	441	ISMAÎLIA											
Cairo Area	366	FAROUK (Airport)	270	24	14	02	0	1	Ci	14.2	22	20	-2
	372	'ALMÂZA	250	25	30	01	1	2	CS	13.5	22	20	-2
		EZBEKÎYA	270	6	18	02	1	2	AC	13.9	24	21	0
		GÎZA	270	6	18	02	1	2	AC	13.5	24	26	3
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	330	8	35	01	1	1	Ci	15.1	25	17	-2
	387	MINYA	280	11	12	00	1	0	—	15.3	25	17	-2
	393	ASYÛT MANQABÂD	330	10	30	00	0	0	—	14.5	24	24	2
	399	NAG' HAMMÂDI	290	2	15	00	0	0	—	13.8	28	27	7
	402	QENA	360	2	50	00	0	0	—				11
	405	LUXOR	330	6	18	00	0	0	—	11.2	30	21	5
	414	ASWÂN	320	6	50	00	0	0	—	11.0	32	7	-9
Oases	417	SÎWA	270	13	13	00	0	0	—	15.9	21	26	1
	420	BAHARÎYA	360	3	35	02	1	0	—	15.1	24	47	12
	423	FARAFRA	320	4	35	02	2	0	—	15.9	24	32	6
	432	DAKHLA	340	14	35	00	0	0	—	14.0	25	17	-2
	435	KHARGA	360	9	7	00	0	0	—	13.0	26	25	4
Red Sea	450	SUEZ	180	1	50	01	0	1	Cu	11.8	26	18	9
	459	TÛR	310	5	50	02	0	0	—	11.9	29	23	6
	462	HURGHADA	20	12	30	02	0	0	—		24	61	16
	465	QUSEIR	360	13	15	02	0	0	—	11.4	24	84	21
	641	PORT SUDÂN	90	10	30	03	2	3	AC	10.5	27	70	21
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	00	0	30	02	0	0	—		38	6	-7
	660	KAREIMA	90	4	30	02	0	0	—	8.0	38	7	-3
	680	'ATBARA	330	11	50	03	1	3	AC,CS	5.9	38	7	-4
	721	KHARTÛM	50	9	30	02	0	2	AC,Ci	4.8	40	10	-3
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	50	2	35	02	1	3	Cu	3.2	41	4	-8
	801	RENK	360	9	35	02	1	6	AC		41	7	-2
	802	ROSEIRES	50	2	35	02	0	0	—	7.0	40	19	12
	771	EL OBEID	90	7	50	02	0	1	Ci				-12
	760	EL FÂSHER											
	770	GENEINA	220	4	30	01	2	6	AC		37	5	-8
S. Sudan	840	MALAKÂL	90	5	50	02	2	5	AC,Ci	4.8	40	12	5
	880	WÂU	130	7	30	03	1	5	Cu,Ac	4.5	39	18	11
	941	JUBA											15

At 1800 on Saturday 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	250	9	15	00	0	1	Cu	12.3	13	51	3	0
SÎDI BARÂNI	00	0	18	01	1	1	SC	12.3	14	59	6	0
MATRÛH	00	0	10	00	1	0	—	14.4	13	72	8	0
EL DABÂ	00	0	7	00	0	0	—		13	77	9	0
ALEXANDRIA	310	11	35	00	0	0	—	15.4	15	68	9	0
FOUAD (Airport)	270	5	7	00	0	0	—	15.8	15	77	11	0
DAMIETTA	320	15	14	02	0	0	—	14.4	16	64	9	0
PORT SA'ÎD												
EL 'ARISH												
DAMANHUR	270	9	15	02	0	0	—	14.4	14	67	8	0
MANSURA	320	5		00	1	0	—	15.2	15	59	7	0
TANTA	310	1	35	01	1	3	Cu	16.0	13	67	7	0
ZAGAZIG	220	1	35	02	0	0	—	14.6	15	68	9	0
ISMAÎLIA												
FAROUK (Airport)												
'ALMÂZA												
EZBEKÎYA	320	2	12	00	0	0	—	15.0	18	37	3	0
GÎZA	320	2	12	00	0	0	—	15.5	16	42	3	0
HELWÂN												
FAIYÛM	360	2	35	01	0	0	—	15.4	18	52	8	0
MINYA	320	3	8	00	0	0	—	15.9	15	48	4	0
ASYÛT MANQABÂD	300	5	8	00	0	0	—	15.6	16	42	3	0
NAG' HAMMÂDI	00	0		00	0	0	—	14.4	20	46	8	0
QENA	00	0	7	00	0	0	—	12.6	22	44	9	0
LUXOR												
ASWÂN	360	5	15	00	0	0	—	12.2	28	7	-11	0
SÎWA	270	4	8	00	0	0	—	15.6	17	37	2	0
BAHARÎYA	320	3	15	02	0	0	—	16.6	18	52	8	0
FARAFRA	320	2	15	02	0	0	—	16.8	17	60	9	0
DAKHLA	320	8	35	00	0	0	—	15.9	19	23	-3	0
KHARGA	00	0	15	00	0	0	—	15.0	22	21	-1	0
SUEZ	310	2	35	01	0	0	—	14.0	20	28	1	0
TÛR	20	13		02	0	0	—	11.4	23	50	12	0
HURGHADA	310	21	14	02	0	0	—	11.8	20	53	10	0
QUSEIR	20	2	15	02	0	0	—	12.2	22	74	17	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 16th March, 1952

Station	Wind 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.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	13	15	00	1	1	AC	15.0	-1.2	11	21	0	9	-2	77	7	0	Rain	
SÎDI BARÂNI	230	12	18	02	1	2	Ci	14.5		11	20		10		67	5	0	14	
MATRÛH											19								
EL DABÂ	250	3	15	00	0	0	—			13	19		9		67	7	0	Rain	
ALEXANDRIA	310	16	50	00	0	0	—	15.2	-0.7	14	19	-2	12	-1	67	8	0	156	176
FOUAD (Airport)	220	13	18	02	0	0	—	14.9	-1.6	14			11	0	59	6	0	163	135
DAMIETTA	200	2	15	00	0	0	—	15.9	+0.1	13	22	+2	7	-4	77	9	0	163	96
PORT SA'ÎD											22	+3							
EL 'ARISH																			
DAMANHUR	230	13	15	02	0	0	—	15.2	-1.0	14	22	-1	9	-1	67	8	0	82	89
MANSURA	140	5	35	00	0	0	—	16.3	+0.3	15	23	0	8	-2	59	7	0	56	45
TANTA	200	2	35	02	0	0	—	15.6	-1.1	13	23	-1	8	-1	55	4	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	15.6	-0.6	14	24	0	10	+1	55	5	0	30	23
ISMAÎLIA																			
FAROUK (Airport)	200	10	12	00	0	0	—	16.0		17			11		42	4	0	83	
'ALMÂZA	180	8	12	02	0	0	—	15.3	-1.5	16					42	3	0	71	
EZBEKÎYA	00	0	12	00	0	0	—	16.6	+0.3	14	25	0	11	0	52	4	0	60	21
GÎZA	00	0	12	00	0	0	—	16.3	-0.3	16	24	0	7	-1	49	5	0	58	20
HELWÂN																			22
FAIYÛM	330	4	35	02	0	0	—						8	-2			0	23	7
MINYA	00	0	8	00	0	0	—	17.9	+0.4	13	26	+1	6	-2	67	7	0	5	
ASYÛT MANQABÂD	280	3	8	00	0	0	—	18.2	+2.0	15	26	+1	11	+2	45	3	0	3	
NAG' HAMMÂDI	00	0	7	00	0	0	—	17.5	+1.9	15	28	+1	9	0	59	7	0	0.1	
QENA	290	1	15	00	0	0	—	16.8	+1.9	17	32	+1	11	-1	52	7	0	2	
LUXOR	00	0	30	00	1	0	—	16.0	+0.6	20			10		28	1	0	dr.	
ASWÂN	360	9	35	01	1	3	Ci	15.2	+0.3	19	33	+2	16	+1	30	1	0	dr.	
SÎWA	00	0	14	00	0	0	—	18.2	+0.3	13	22	-3	8	0	55	4	0	25	7
BAHARÎYA	00	0	35	02	0	0	—	18.3	+1.5	16	25	0	8	-1	49	5	0	1	7
FARAFRA	220	1	35	02	0	0	—	19.6		13	26		6		44	1	0	Rain	
DAKHLA	180	8	50	00	0	0	—	17.5	+1.1	17	26	-2	11	+1	34	1	0	dr.	
KHARGA	360	2	15	00	0	0	—	17.0	+1.2	18	27	-2	8	-3	52	8	0	dr	
SUEZ	00	0	50	00	0	0	—	15.9	-0.1	14	27	+3	9	-3	67	8	0	44	14
TÛR	310	13	35	02	0	0	—	15.2	+0.6	22	30	+6	18	+5	36	6	0	1	12
HURGHADA	320	18	30	02	0	0	—	14.6	-0.9	20	25	+3	13	+1	35	5	0	0	
QUSEIR	330	5	15	02	0	0	—	14.7	+0.5	21	26	+1	18	+1	31	3	0	dr.	4
PORT SUDÂN	00	0	30	05	0	2	AC			24	28		18		67	15	0	211	94
WÂDI HALFA			30	03	0	1	AC	15.5			37		16			-2	0	dr	
ABU HAMAD	360	7	50	03	1	3	AC			26	39		19		12	-6	0		
KAREIMA																			1
'ATBARA	10	4	30	02	0	1		8.9		26	39		19		12	-6	0	0	2
KHARTÛM	50	5	30	02	0	0	—	7.9		29	40		22		11	-4	0	0.6	4
KASSALA	40	2	30	02	0	0	—	7.0		31	40		22		28	10	0	49	8
WÂD MEDANI																			12
RENK	00	0	35	02	0	0	—			25	42		18		19	0	0		49
ROSEIRES		2	35	02	0	0	—	9.0		30	42		20		38	14	0	92	38
EL OBEID	90	8	30	03	0	5	CS	8.0		28	39		21		10	-7	0	15	16
EL FÂSHER	310	1	30	02	0	0	—			22	39		16		25	1	0	13	6
GENEINA																			4
MALAKÂL	00	0	30	02	1	4	Ci	8.7		27	41		21		37	11	0	94	90
WÂU	00	0	30	01	2	3	AC	8.2		25	40		22		54	15	0	166	159
JUBA	180	9	30	03	2	8	SC,AC	10.0		26	40		22		62	18	dr.	242	176

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	64	-1
Ezbakîya	38	-22
Giza	44	-14
Helwân		

GÎZA
GRASS MINIMUM TEMP.
ON 16th 4.5 °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 ..... 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 15th

Height m.	Fouad A.P. Dir.	Vel.	Luxor 14 Dir.	Vel.	Luxor 15 Dir.	Vel.	S. Barani 14 Dir.	Vel.	Port Said 14 Dir.	Vel.	Matruh 14 Dir.	Vel.	Minya 14 Dir.	Vel.	Siwa 14 Dir.	Vel.	Dakhla 14 Dir.	Vel.	S. Barani 14 Dir.	Vel.	Kharga 14 Dir.	Vel.	Dir.	Vel.	Minya 20 Dir.	Vel.	Port Said 20 Dir.	Vel.
300	260	20	280	15	300	14			270	21	300	17	290	26	270	43	350	13	300	14	360	26			320	19	300	21
600	270	21	320	16	270	22			270	16	300	18	300	33	280	57	350	11	270	22	360	34			310	17	300	21
1000	270	22	310	16	270	28			260	12	260	26	300	24	280	78	360	17	270	28	340	29			330	16	280	27
1500	290	23	250	4	260	39			200	23	260	20	300	16	270				260	39	330	9			320	16	260	36
2000	300	21							250	34	260	27	300	12	270	47											260	35
3000									230	5			260	50	280	28											230	35
4000									230	13																		
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 16th

Height m.	Sîdi Barâni 8 Dir.	Vel.	Matrûh 8 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.	Dir.	Vel.
300	280	16	280	12	270	16	180	17					350	9	320	5			360	14	330	30		
600	290	23	280	14	260	27	260	9					340	13	330	8			10	25	320	16		
1000	290	24	280	21	250	30	360	23					330	14	320	14			20	13	320	16		
1500	300	25	270	19	230	34	250	20					300	14	300	27			270	4	320	13		
2000							250	29							270	20			210	15	240	11		
3000															250	33								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa 8 Dir.	Vel.	Bahariya 8 Dir.	Vel.	Dakhla 8 Dir.	Vel.	Kharga 8 Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala 4 Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
300	290	10	290	20	320	7	10	22																
600	290	18	300	29	340	7	20	25									70	7						
1000	290	28			360	16	360	21									50	16						
1500	290	27			330	15												25						
2000	280	30			300	16																		
3000	300	39																						
4000	300	46																						
5000																								
6000																								
7000																								
8000																								

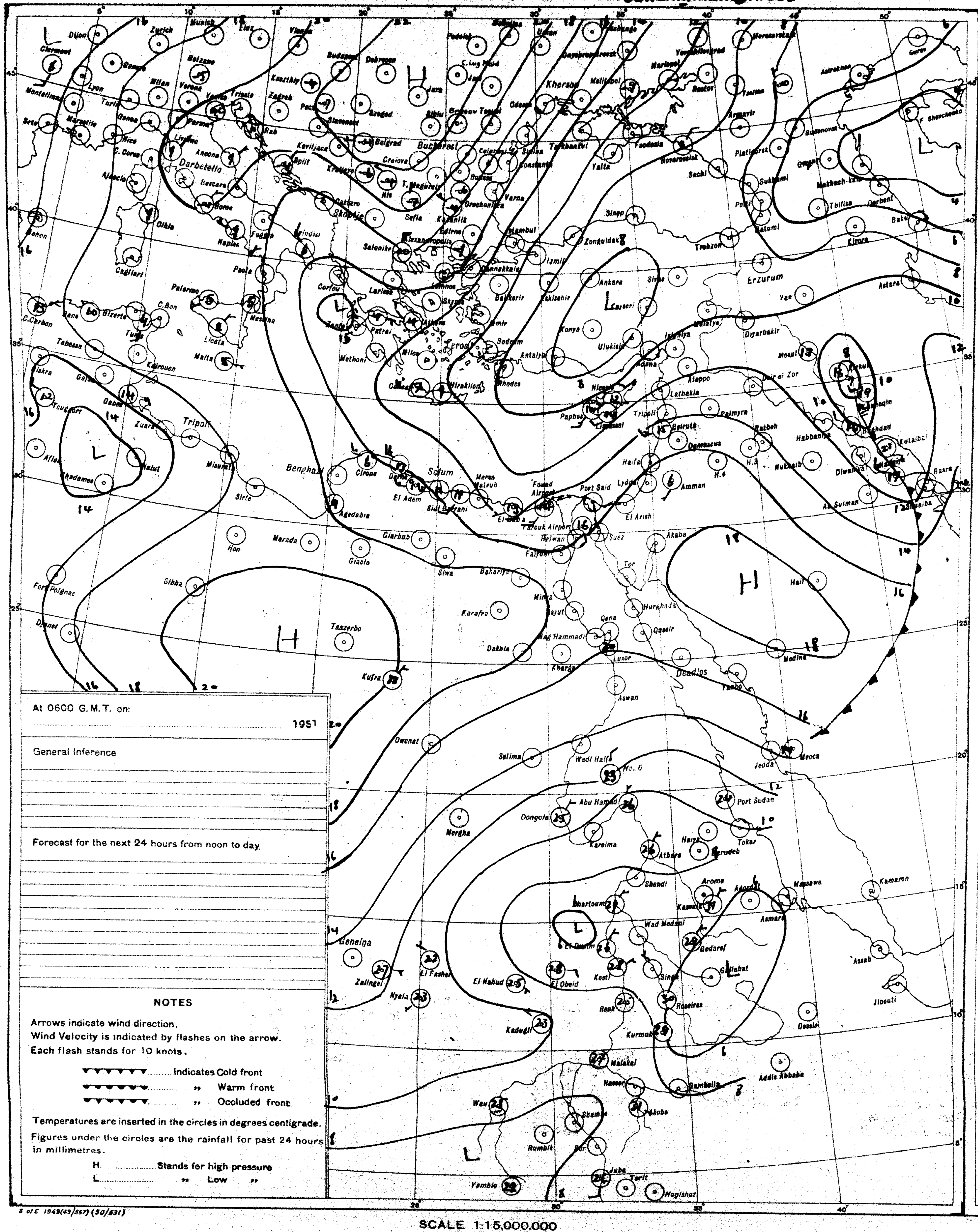
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 16-3-1952*



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)

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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 03 G.M.T.
" " Sunset 16 04 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 17th March 1951

At 1200 on Sunday 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	290	13	35	03	1	5	Cu, Ci	16.8	16	49	5
	303	SIDI BARANI	310	19	16	02	1	5	SC, CS	16.3	16	45	4
	306	MATRUH											
	309	EL DABA	320	9	35	00	0	2	Cu		18	52	8
		ALEXANDRIA	310	22	50	03	1	3	Ci	15.2	18	52	8
	318	FOUAD (Airport)	270	22	18	02	0	0	—	15.0	19	49	8
	330	DAMIETTA	320	5	35	03		3	Cu	14.7	22	44	9
	333	PORT SA'ID	270	16	30	02	0	1	Cu, Ci	13.6	22	36	6
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	230	13	15	02	0	0	—	15.1	21	41	7
	342	MANSURA	220	13	35	00	0	0	—	14.8	23	32	5
	348	TANTA	220	13	35	00	0	0	—	15.0	24	26	3
	354	ZAGAZIG	220	1	50	02	0	0	—	15.2	23	27	3
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	320	17	30	00	0	0	—	14.9	23	22	0
	372	ALMAZA	250	14	30	00	0	0	—	14.0	22	27	2
		EZBEKIYA	220	5	18	00	0	0	—	14.8	22	22	1
		GIZA	220	5	18	00	0	0	—	14.8	26	25	4
	378	HELWAN	250	12	35	02	0	1	Ci	15.0	23	24	1
Upper Egypt	381	FAIYUM	290	8	35	03	1	3	Ci	16.6	25	17	-2
	387	MINYA	290	16	10	00	0	3	Ci	16.8	25	9	-10
	393	ASYUT MANQABAD	320	8	30	03	0	1	Ci	15.8	24	24	2
	399	NAG' HAMMADI	290	2	15	01	0	2	AC	15.0	26	30	7
	402	QENA	320	1	50	00	0	0	—	14.3	29	29	9
	405	LUXOR											
	414	ASWAN	340	5	15	00	0	0	—	12.0	29	9	-7
Oases	417	SIWA	300	11	14	03	0	4	Ci	18.3	20	30	2
	420	BAHARIYA	270	2	35	02	0	0	—	16.6	24	50	13
	423	FARAFRA	320	4	35	03	1	0	—	17.5	24	32	6
	432	DAKHLA	340	11	50	00	0	0	—	16.0	25	22	2
	435	KHARGA	360	2	15	00	0	0	—	14.8	26	25	4
Red Sea	450	SUEZ	180	1	35	02	0	0	—	13.6	24	32	6
	459	TOR											
	462	HURGHADA	20	13	30	02	0	0	—	12.1	22	50	11
	465	QUSEIR	360	13	15	01	0	0	—	12.6	23	61	15
	641	PORT SUDAN	50	8	30	02	1	3	AC	10.3	27	74	22
North Sudan	603	WADI HALFA	50	15	30	07	1	5	CS	10.1	33	7	-7
	640	ABU HAMAD	50	2	50	02	0	0	—		39		
	660	KAREIMA	10	4	30	02	0	0	—	5.4	39	10	2
	680	'ATBARA	360	5	30	03	0	2	CC	3.1	41	7	-1
	721	KHARTUM	90	7	30	01	0	1	AC	2.9	41	5	-5
	730	KASSALA	20	6	30	03	1	3	AC	0.6	42	6	-3
Central Sudan	751	WAD MEDANI	50	5	35	02	0	1	AC	1.3	42	6	-4
	801	RENK	00	0	35	02	0	2	AC		41	13	7
	802	ROSEIRES	50	2	35	02	0	0	—	2.4	43	18	14
	771	EL OBEID	90	10	50	02	0	0	—	2.1	39	5	-8
	760	EL FASHER	120	8	30	03	0	3	Ci		38	13	5
	770	GENEINA	70	1	30	03	1	7	CS		37	7	-5
S. Sudan	840	MALAKAL	290	1	30	02	2	8	CS	3.0	39	20	12
	880	WAU	90	4	30	03	2	8	Cu, AC	2.5	40	14	8
	941	JUBA	150	5	30	01	2	3	Cu	2.6	38	25	15

At 1800 on Sunday 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	340	9	15	00	0	0	—	18.4	12	63	5	0
SIDI BARANI	340	18	15	00	1	0	—	18.1	13	48	2	0
MATRUH	290	13	10	01	2	0	—	18.3	13	48	2	0
EL DABA	320	13	7	00	0	0	—		14	55	5	0
ALEXANDRIA	360	27	35	00	0	0	—	17.8	14			0
FOUAD (Airport)												
DAMIETTA	320	9	3	01	1	2	Cu	16.2	15	88	13	0
PORT SA'ID	320	27	12	02	0	1	Ci	15.1	16	72	11	0
EL 'ARISH												
DAMANHUR	230	13	15	02	0	0	—	17.1	13	77	9	0
MANSURA	320	9		00	0	0	—	16.6	15	68	9	0
TANTA	360	2	35	02	0	0	—	17.6	14	55	5	0
ZAGAZIG	00	0	35	02	0	0	—	17.4	15	63	8	0
ISMA'ILIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360		12	00	0	0	—	16.8	17	49	6	0
GIZA	360		12	00	0	0	—	16.7	16	49	5	0
HELWAN	340	18	15	01	1	0	—	16.3	16	37	3	0
FAIYUM	360	2	35	02	1	3	Ci	16.7	18	37	3	0
MINYA	330	5	8	00	1	0	—	17.0	15	30	-3	0
ASYUT MANQABAD	300	4	10	00	0	0	—	16.9	16	45	4	0
NAG' HAMMADI	00	0	7	00	1	0	—	15.9	19	46	7	0
QENA	270	1	7	00	0	0	—	15.2	22	36	6	0
LUXOR												
ASWAN	360	5	15	00	0	0	—	13.4	25	11	-8	0
SIWA	280	6	10	01	1	0	—	18.2	18	40	4	0
BAHARIYA	320	3	15	02	0	0	—	17.1	18	60	10	0
FARAFRA												
DAKHLA	340	11	50	02	0	0	—	17.5	19	23	-3	0
KHARGA	00	0	15	00	0	0	—	15.9	18	20	-5	0
SUEZ	310	1	35	02	0	0	—	14.6	21	31	3	0
TOR	340	24		02	0	0	—	14.6	22	29	3	0
HURGHADA	340	12	30	02	0	0	—	12.7	20	60	12	0
QUSEIR	330	2	15	02	0	0	—	13.3	21	57	12	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Monday 17th March, 1952

Station	Wind 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	2	Ci	20.6	+4.4	10	18	-3	8	-3	62	3	0	Rain	
SIDI BARANI	230	5	18	02	0	1	SC	20.3		10	17		8		54	1	0	111	
MATRUH	220	6	18	02	2	5	St	20.4	+3.9	11	18		7		63	4	0	129	
EL DABA	00	0	15	01	1	3	Cu			11	18		6		63	4	0	Rain	
ALEXANDRIA	360	4	50	03	1	5	Cu, AC	19.5	+3.6	14			12	-1	55	5	0	156	176
FOUAD (Airport)	350	4	18	02	1	4	Cu, SC	19.2	+2.7	14			11	0	59	6	0	163	135
DAMIETTA	220	2	7	03	1	3	SC	19.8	+4.0	14	22	+2	8	-3	55	5	0	163	97
PORT SA'ID	270	10	14	02	0	3	SC	18.4	+2.1	13	23	+4	12	-1	72	8	0	89	
EL 'ARISH																			
DAMANHUR			7	02	1		Cu	19.4	+3.2	12	22	-1	8	-2	63	5	0	82	89
MANSURA	320	9	35	03	2	4	Cu	17.8	+3.8	11	24	+1	6	-4	77	7	0	56	45
TANTA	00	0	35	02	0	0	—	19.1	+2.5	10	24	0	5	-4	76	6	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	20.2	+4.0	13	24	0	7	-2	88	11	0	30	23
ISMA'ILIA																			
FAROUK (Airport)	320	3	14	00	0	0	—	20.2		14			10		55	5	0	83	
ALMAZA	00	0	12	00	0	0	—	19.9	+3.1	14			10	-1	67	8	0	71	
EZBEKIYA	00	0	12	00	0	0	—	19.9	+3.6	12	25	0	10	-1	67	6	0	60	21
GIZA	00	0	12	00	0	0	—	19.1	+2.6	14	26	+2	6	-2	67	8	0	58	20
HELWAN	00	0	7	02	0	0	—	20.4	+4.2	12	24	0	10	-1	63	5	0	59	22
FAIYUM	330	2	35	01	0	0	—	20.5	+4.2	13	26	+1	8	-2	67	7	0	23	7
MINYA	350	5	8	00	0	0	—	20.4	+2.9	12	26	+1	8	0	77	8	0	5	
ASYUT MANQABAD	310	3	8	10	0	0	—	20.1	+4.0	13	25	0	9	0	72	8	0	3	
NAG' HAMMADI	00	0	10	00	0	0	—	18.4	+2.9	14	27	0	8	-1	55	5	0	0.1	
QENA	00	0	15	00	0	0	—	18.0	+3.2	17	30	-1	11	-1	42	4	0	2	
LUXOR																			
ASWAN	360	6	50	00	0	0	—	17.1	+2.3	18	30	-1	15	0	28	-1	0	dr.	
SIWA	00	0	11	00	0	0	—	21.8	+4.0	11	22	-3	6	-2	67	5	0	25	7
BAHARIYA	00	0	35	02	0	0	—	21.0	+4.2	13	25	0	8	-1	67	7	0	1	7
FARAFRA	00	0	15	02	0	0	—	21.4		14			7		67	8	0	Rain	
DAKHLA	340	8	35	00	0	0	—	18.3	+2.0	16	26	-2	11	+1	42	3	0	dr.	
KHARGA	90	1	15	00	0	0	—	18.3	+2.6	15	26	-3	12	+1	34	-1	0	dr.	
SUEZ	40	2	50	00	0	1	Cu	18.8	+2.8	15	25	+1	10	+2	68	9	0	44	14
TOR	310	13	35	02	0	0	—	16.8	+2.2	19			18	+5	46	7	0	1	12
HURGHADA	310	18	30	02	0	0	—	16.7	+1.5	18	23	+1	13	+1	52	8	0	0	
QUSEIR	360	19	15	02	0	0	—	16.2	+2.0	20	24	-1	17	0	46	8	0	dr.	4
PORT SUDAN	360	13	30	02	0	2	Cu, AC	13.0		26	29		21		58	17	0	211	94
WADI HALFA	20	9	30	02	0	0	—	16.3		19	34		15		30	1	0	dr.	
ABU HAMAD	20	13	10	07	1	2	AC			23	41		21		15	-5	0		
KAREIMA	50	20	30	01	0	1	AC	11.2		24	41		21		22	1	0	dr.	1
'ATBARA																			2
KHARTUM	10	13	30	01	1	3	Ci	7.7		27	44		24		13	-4	0	0.6	4
KASSALA																			8
WAD MEDANI																			12
RENK																			49
ROSEIRES	310	2	15	02	0	4	Ci	4.5			43		21			12	0	92	38
EL OBEID	360	7	30	02	2	7	CS	7.9		25	41		23				0	15	16
EL FASHER																			6
GENEINA																			4
MALAKAL	00	0	30	02	2	6	AC	6.1		29	41		23		23	6	0	94	91
WAU																			160
JUBA	250	7	30	02	2	6	AC, Ci	6.7		29	40		24		43	15	dr.	242	177

UPPER AIR OBSERVATIONS

Humidity % Mean of day	on 16th	Diff. from normal
Alexandria		
Ezbekiya	46	-14
Giza	46	-17
Helwan	34	-12

GIZA
GRASS MINIMUM TEMP. ON 17th 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 ..... At .....

Pressure 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 16th

Height m.	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. Barrage Dir.	S. Barrage Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		20	
300	300	10	320	17	300	15	320	20	10	23	360	19	300	28	340	18
600	310	13	300	19	300	16	310	19	10	29	350	20	300	20	340	22
1000	300	16	300	23	300	18	300	31	360	35	340	23	290	24	330	22
1500	30	23	290	21	290	25	350	16			330	25			310	20
2000					290	32										
3000					300	30										
4000					290	42										
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 17th

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.	Almaza Dir.	Almaza Vel.
Time	8		5		8		8				7		2		8		8 15		8		8		9 45	
300	310	11	310	9	280	4	280	0			290	6	20	17	330	4	360	9	360	19	290	16	320	2
600	310	9	310	10	290	9	300	9			310	8	20	17	350	9	350	6	360	19	260	13	300	3
1000	310	10	310	3	260	12	320	10			320	8	350	13	340	21	340	8	360	21	270	4	290	23
1500	300	11			280	11	320	9			300	29	310	14	330	23	330	14	10	16	30	7	290	17
2000					300	15					300	36					320	23			70	7	290	13
3000											290	29					300	23						
4000											280	37												
5000											270	39												
6000											260	51												
7000											260	73												
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	
300	100	3	60	9	340	7																		
600	110	8	70	4	350	6									20	24							20	13
1000	230	6	20	3	340	9									30	31			30	37			10	6
1500	310	23	20	6	330	43									20	24			50	13			30	7
2000	320	33	320	10											30	17			100	12			30	15
3000	310	36	320	38											250	9			50	5			40	15
4000	300	50													250	11								
5000	300	51																	140	11			100	23
6000																			210	2				
7000																								
8000																								

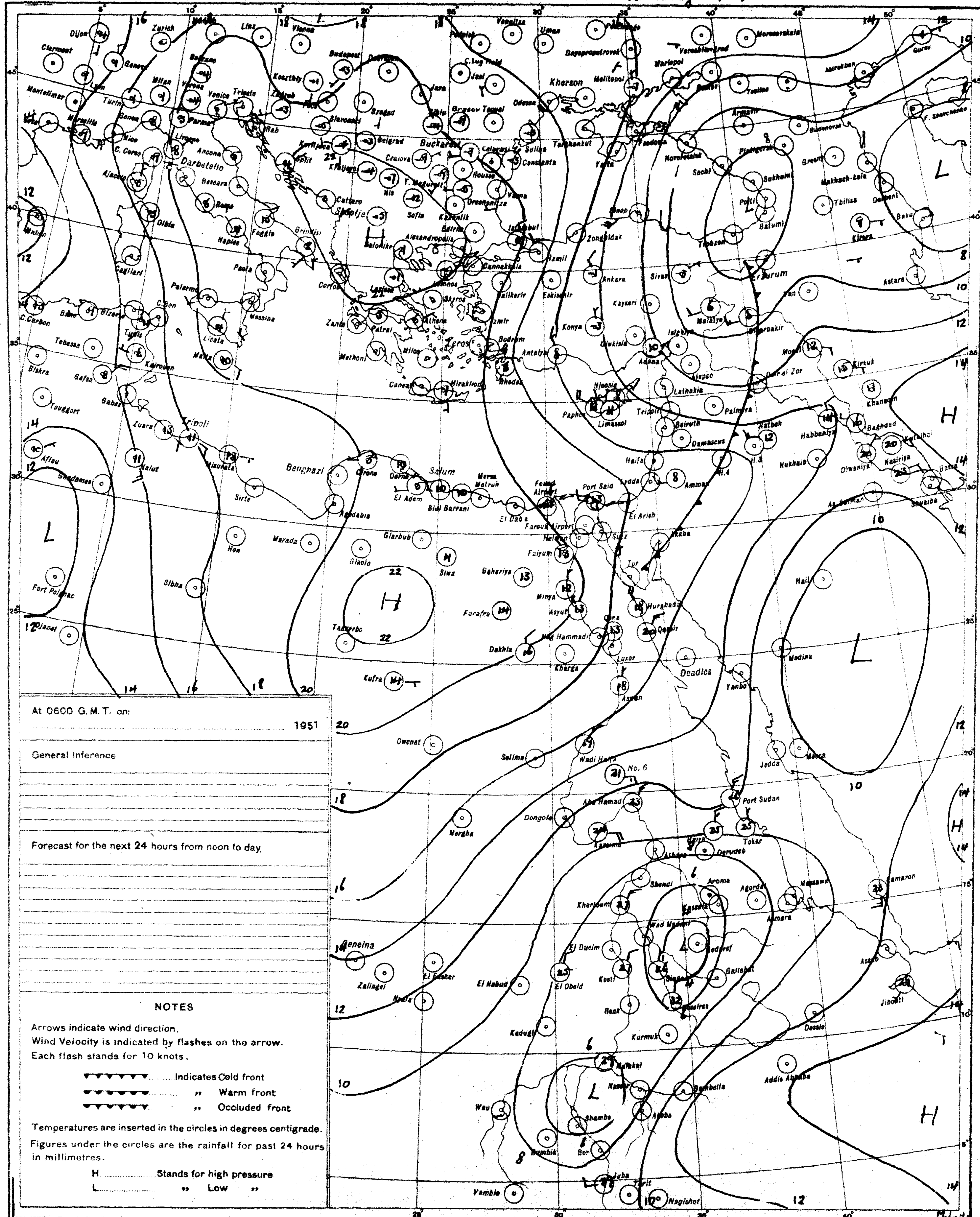
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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** *Monday 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 ,,

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 02 G.M.T.

" " Sunset 16 05 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date : Tuesday 18th March, 1951

At 1200 on Monday 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	SALÛM	40	9	35	02	1	3	Cu	202	15	59	7
	303	SÎDI BARÂNI	280	12	18	02	1	2	Cu	20.1	15	48	4
	306	MATRÛH	300	13	30	03	1	3	Cu	20.5	16	45	4
	309	EL DABA	320	12	35	02	1	4	Cb		15	39	1
		ALEXANDRIA	360	11	50	02	2	6	Cu, AC	19.4	16	49	5
	318	FOUAD (Airport)	320	13	18	02	2	6	Cu, SC	19.0	16	59	6
	330	DAMIETTA	320	5	15	03	1	4	Cu	18.8	16	49	5
	333	PORT SA'ÎD	350	11	30	02	2	6	SC	18.2	15	68	4
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	310	13	15	02	1	6	Cu	19.1	17	42	4
	342	MANSURA	320	9	35	03	2	6	Cu	18.8	17	42	4
	348	TANTA	00	0	35	03	2	6	Cu		17	52	7
	354	ZAGAZIG	00	0	50	03	1	4	Cu	19.8	18	46	6
	441	ISMAÎLÎA											
CAIRO AREA	366	FAROUK (Airport)	360	2	30	03	1	4	SC	19.4	17	42	4
	372	ALMÂZA	320	11	30	03	2	6	Cu, SC	18.4	17	42	4
		EZBEKÎYA	320	2	18	02	1	4	Cu	18.3	19	35	3
		GÎZA	320	2	18	02	1	4	Cu	17.8	19	37	4
	378	HELWÂN	290	10	35	03	1	1	Cu	18.4	18	28	-1
UPPER EGYPT	381	FAIYÛM	330	8	35	01	1	1	Cu, SC	19.8	20	33	3
	387	MINYA	340	10	10	00	0	0	—	19.0	22	25	1
	393	ASYÛT MANQABÂD	340	10	30	00	0	0	—	18.1	22	31	4
	399	NAG' HAMMÂDI	320	2	15	01	1	3	SC, Cc	16.7	25	28	5
	402	QENA	290	7	50	00	0	0	—	15.4	28	27	7
	405	LUXOR	320	4	30	00	0	0	—	14.9	25	17	-2
	414	ASWÂN	340	8	35	01	1	2	Ci	13.9	27	15	-2
OASES	417	SÎWA											
	420	BAHARÎYA	320	4	35	02	0	0	—	19.4	20	56	11
	423	FARAFRA	20	3	35	02	2	2	AC	20.2	22	44	9
	432	DAKHLA	340	14	35	00	0	0	—	18.2	24	21	0
	435	KHARGA	360	5	15	03	0	4	Ci	18.3	25	22	2
RED SEA	450	SUEZ											
	459	TÛR											
	462	HURGHÂDA	350	23	30	03	1	1		14.9	20	46	8
	465	QUSEIR	260	19	15	02	0	0		14.8	22	50	11
	641	PORT SÛDÂN											
NORTH SÛDÂN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA	350	15	10	07	1	3	AC, CS	3.3	39	18	10
	721	KHARTÛM	20	13	35	01	2	6	AC, Cc	2.5	41	8	1
	730	KASSALA	20	4	30	02	1	3	CS	999.7	41	17	11
CENTRAL SÛDÂN	751	WÂD MEDANI	50	5	15	02	1	3	Ci	00.0	43	7	0
	801	RENK											
	802	ROSEIRES	130	2	35	02	1	4		999.6	42	25	18
	771	EL OBEID	50	12	30	01	1	3	Ci	2.5	39	6	-5
	760	EL FÂSHER	20	10	30	03	1	2	AC, CS		37	12	3
	770	GENEINA	30	7	30	02	2	3	Ci		36	6	-8
S. SÛDÂN	840	MALAKÂL	70	4	30	01	2	3	Cu, Ci	0.5	42	11	6
	880	WÂU	340	7	10	05	2	8	Cb	2.1	34	41	19
	941	JUBA	230	4	50	03	2	8	Cb, Ci	1.4	38	27	16

At 1800 on Monday 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
SALÛM	340	9	15	00	0	0	—	20.7	13	55	4	0
SÎDI BARÂNI	340	10	18	01	0	0	—	20.1	14	36	-1	0
MATRÛH	320	3	10	03	1	1	SC	20.6	13	55	4	0
EL DABA	340	5	7	01	1	2	Cu		12	59	4	0
ALEXANDRIA												
FOUAD (Airport)												
DAMIETTA	320	5		01	0	1	Cu	19.2	13	77	9	0
PORT SA'ÎD	350	17	14	02	1	3	SC	19.1	14	72	9	0
EL 'ARISH												
DAMANHUR	310	19	7	02	1	3	Cu	19.5	13	67	7	0
MANSURA	360	5		00	1	0	—	20.4	13	67	7	0
TANTA	00	0	35	03	2	6	Cu	20.1	12	77	8	0
ZAGAZIG	00	0	35	02	1	0	—	20.7	13	67	7	0
ISMAÎLÎA												
FAROUK (Airport)	360	12	12	00	0	0	—	20.4	13	82	10	0
ALMÂZA												
EZBEKÎYA	320	2	12	02	1	1	Cu	19.4	14	59	6	0
GÎZA	320	2	12	02	1	1	Cu	19.1	14	55	5	0
HELWÂN	340	18	15	01	0	0	—	19.4	15	48	4	0
FAIYÛM	00	0	35	01	0	0	—	19.8	15	39	1	0
MINYA	00	0	8	00	1	0	—	19.7	14	52	4	0
ASYÛT MANQABÂD	00	0	8	00	1	0	—	18.8	16	52	6	0
NAG' HAMMÂDI	270	1	7	01	1	2	AC	17.5	18	40	4	0
QENA	290	1	7	00	0	0	—	16.0	22	36	6	0
LUXOR	290	4	12	00	0	0	—	15.8	18	37	3	0
ASWÂN	360	5	15	00	0	0	—	14.2	23	12	8	0
SÎWA	360	6	8	00	0	0	—	20.7	18	32	1	0
BAHARÎYA	320	3	15	02	0	0	—	19.9	16	59	8	0
FARAFRA	360	2	35	02	2	0	—	20.0	15	48	4	0
DAKHLA	320	8	35	00	0	0	—	20.3	19	23	-3	0
KHARGA	360	4	15	00	1	0	—	17.2	20	33	3	0
SUEZ	360	3	35	01	0	0	—	18.3	15	48	4	0
TÛR												
HURGHÂDA	320	19	12	03	0	0	—	15.3	16	25	8	0
QUSEIR	360	5	15	02	0	0	—	14.4	21	57	12	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 Tuesday 18th March, 1952

Station	Wind 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	00	0	0	—	19.2	+3.1	14	19	-2	8	-3	48	3	0	Rain	
SÎDI BARÂNI	140	4	18	00	0	0	—	19.5		9	16		5		54	0	0	111	
MATRÛH	220	5	18	00	0	0	—	20.3	+3.8	12	17		6		63	5	0	129	
EL DABA	250	3	15	00	0	0	—			12	15		5		63	5	0	Rain	
ALEXANDRIA	350	16	50	02	2	4	Cu	19.6	+3.8	14			12	-1	48	3	0	156	176
FOUAD (Airport)	320	8	12	01	2	3	SC	19.5	+3.0	13			12	+1	55	4	0	163	135
DAMIETTA	250	2	15	03	1	2	Cu	19.5	+3.6	12	16	-4	8	-3	77	8	0	163	97
PORT SA'ÎD	260	11	14	01	1	1	SC	18.6	+2.3	14	17	-2	11	-2	67	8	0	89	
EL 'ARISH																			
DAMANHUR	40	5	7	02	1	3	Cu	19.6	+3.5	13	18	-5			67	7	0	82	89
MANSURA	320	5	35	00	0	0	—	19.9	+4.0	13	20	-3	7	-3	67	7	0	56	45
TANTA	00	0	35	02	0	0	—	19.4	+2.9	10	18	-6	5	-4	88	8	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	19.1	+3.0	13	19	-5	6	-3	67	7	0	30	23
ISMAÎLÎA																			
FAROUK (Airport)	00	0	14	00	0	1	AC	20.7		12	19		x		72	7	0	83	
ALMÂZA	00	0	12	03	0	3	Cu, Ci	20.1	+3.4	13			9	-2	67	7	0	71	
EZBEKÎYA	00	0	12	00	0	0	—	19.9	+3.7	12	20	-5	8	-3	67	6	0	60	21
GÎZA	00	0	12	00	0	0	—	19.8	+3.3	13	21	-3	5	-3	67	7	0	58	20
HELWÂN	00	0	7	01	0	1	Ci	20.6	+4.4	11	19	-5	8	-3	77	7	0	59	22
FAIYÛM	360	2	35	03	1	3	Ci	22.0	+5.7	13	22	-4	6	-4	55	4	0	23	7
MINYA	360	1	10	02	1	4	Ci	21.2	+3.8	10	22	-3	5	-3	67	4	0	5	
ASYÛT MANQABÂD	320	3	8	10	0	1	CS	20.5	+4.5	12	22	-4	8	-1	67	6	0	3	
NAG' HAMMÂDI	270	1	15	00	0	0	—	19.9	+4.1	13	25	-2	7	-2	55	4	0	0.1	
QENA	320	1	15	00	0	0	—	18.6	+3.8	14	29	-2	9	-3	67	8	0	2	
LUXOR	00	0	30	00	0	1	CS	18.1	+2.9	15	27		8		34	-1	0	dr.	
ASWÂN	20	6	50	01	1	3	Ci	18.6	+3.8	17	28	-3	13	-2	34	1	0	dr.	
SÎWA	110	3	14	03	0	2	CS	20.8	+3.1	12	22	-3	8	0	51	2	0	25	7
BAHARÎYA	00	0	35	02	1	3	AC	21.0	+4.3	14	22	-4	5	-4	67	8	0	1	7
FARAFRA	70	1	35	02	2	3	AC	21.5		13	23		6		67	7	0	Rain	
DAKHLA	20	8	50	00	0	0	—	20.8	+4.6	14	24	-5	9	-1	48	3	0	dr.	
KHARGA	360	4	15	02	0	1	AC	19.5	+3.8	15	26	-3	11	-1	39	1	0	dr.	
SUEZ	360	1	50	00	0	0	—	18.8	+2.8	13	21	-3	8	-4	77	9	0	44	14
TÛR																			12
HURGHÂDA	310	20	30	02	0	0	—	16.8	+1.4	16	20	-2	11	-1	59	8	0	0	
QUSEIR	360	19	15	00	1	2	As	17.0	+2.9	18	23	-2	15	-2	52	8	0	dr.	4
PORT SÛDÂN	340	16	30	03	0	1	SC, Cu			23	29		20		69	17	0	211	95
WÂDI HALFA	360	3	30	03	0	1	Ci	17.6		16	31		11		34	0	0	dr.	
ABU HAMAD	360	13	10	07	0	0	—			21	35		17		18	-4	0		
KAREIMA	20	15				0	—	13.2		21	37		17		28	2	0	dr.	1
'ATBARA	360	15	7	07	0	0	—	9.9		24	39		21		22	1	0	0	2
KHARTÛM																			4
KASSALA																			8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID	350	8	30	03	0	2	Ci	9.8		23	40		18		7	-13	0	15	16
EL FÂSHER																			6
GENEINA																			4
MALAKÂL																			91
WÂU																			161
JUBA	130	8	30	02	6	8	Cb, CS	6.7		29					55	19	dr	242	178

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

STATION	On 17th	Diff. from normal
Alexandria	53	-12
Ezbekiya	57	-3
Gîza	60	-3
Helwân	54	+8

GÎZA GRASS MINIMUM TEMP. ON 18th 3.0 °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 ..... At ..... Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On ..... At ..... AIRPORT Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On ..... At ..... 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					

UPPER WIND OBSERVATIONS on 17th

Height m.	Abnaza Dir.	Abnaza Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barrani Dir.	S. Barrani Vel.	Dir.	Vel.	Minya Dir.	Minya Vel.	P. Said Dir.	P. Said Vel.
Time	14		14		14		14		14		14		14		14		14		14				20		20	
300	330	10	310	12	340	9	320	20	340	11	330	16	290	13	330	23	360	18	330	15			360	20	310	10
600	320	9	300	12	340	12	300	20	340	8	330	17	300	10	340	28	360	23	330	16			10	24	320	9
1000	310	13	290	12	320	10	340	23	330	15	340	14	340	3	340	36	350	19	320	13			10	23	310	10
1500	280	6	290	16	300	13	290	27	320	17	340	25	310	10	340	35	360	12	300	17			20	22	310	11
2000					280	19	300	35	300	15	310	21	320	16			320	30	240	29					310	13
3000											300	36	320	29												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Height m.	Sîdi Barani Dir.	Sîdi 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 Manqabâd Dir.	Asyut Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Abnaza Dir.	Abnaza Vel.
Time	8		5				2						2		8		5		8		8		4	
300	120	3	300	4			270	15					350	19	350	20	340	9	360	13	340	16	60	4
600	200	4	350	6			280	12					340	22	350	20	360	12	360	22	320	10	350	12
1000	270	14	300	14			280	11					330	18	360	22	320	22	10	28	270	8	350	19
1500	340	17											320	8	340	26	350	23	10	32	270	12	330	17
2000	310	21													330	26	310	8	310	15			310	20
3000	280	39													330	25							310	35
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	8		8		8		8		4										4					
300	120	20	20	9			20	30	30	15														
600	130	20	40	9	40	11	30	26	30	26														
1000	210	4	50	24	10	19	30	18	30	19									20	34				
1500	50	11	50	37	340	26	10	37	20	19									40	22				
2000	350	17			340	15	360	35											40	17				
3000	310	22					360	10											30	7				
4000	320	36																	60	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.

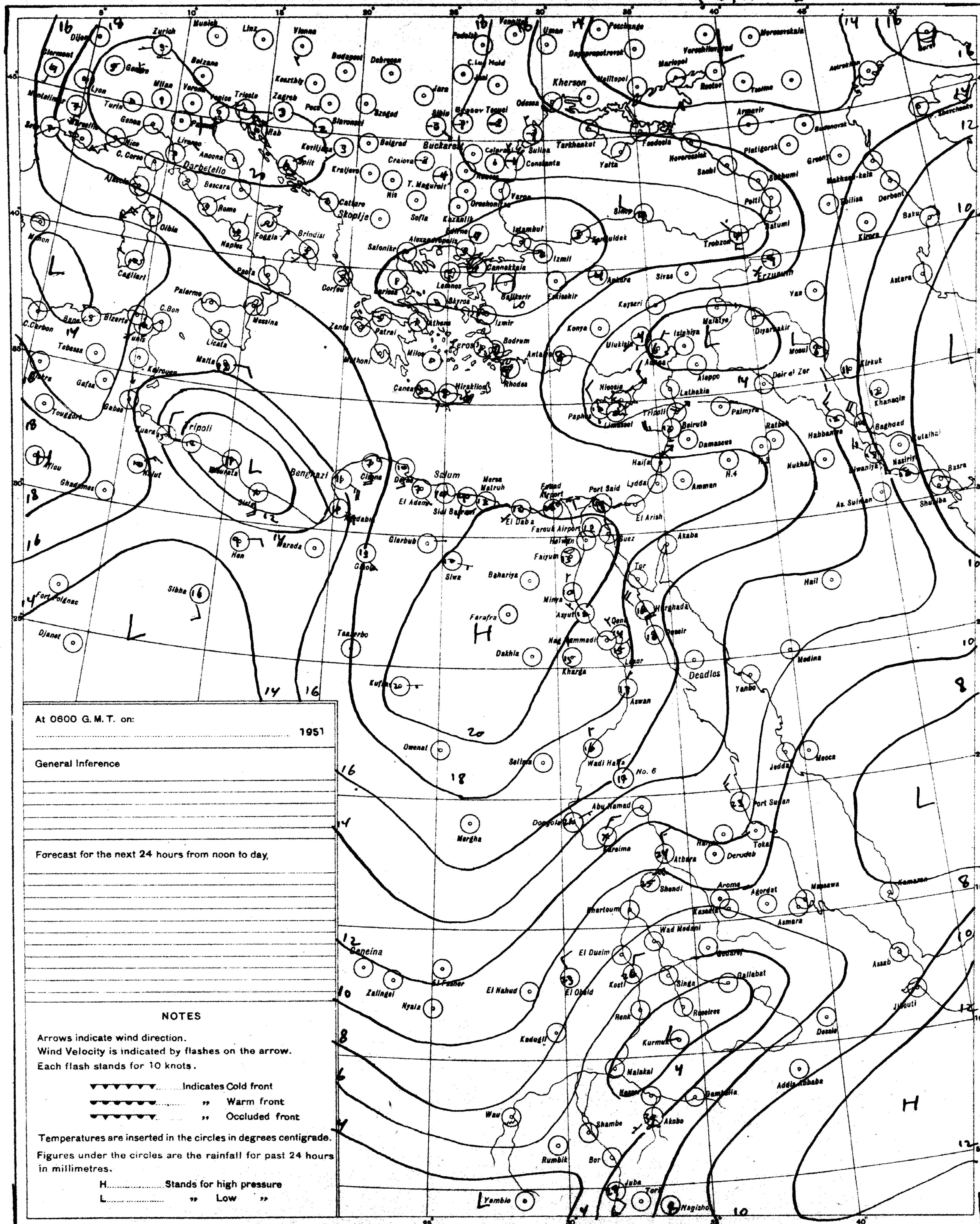
Printed by the Survey of Egypt 1949 (49/557)-(50/831)

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 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	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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 01 G. M. T.

" " Sunset 16 06 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 19th March; 1951

At 1200 on Tuesday 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	70	5	35	00	0	0	—	17.7	20	33	3
	303	SĪDI BARĀNI	60	6	18	00	0	0	—	16.9	19	43	6
	306	MATRŪH	10	8	30	00	0	0	—	17.7	16	52	6
	309	EL DABʻA	320	2	35	00	0	0	—		17	52	7
		ALEXANDRIA	360	11	50	02	2	3	Cu	18.3	17	42	4
	318	FOUAD (Airport)	280	9	18	02	1	3	SC	18.5	17	52	7
	330	DAMIETTA	320	5	15	03	1	5	NS	19.1	16	59	8
	333	PORT SAʻĪD											
	336	EL ʻARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	1	3	Cu	18.4	17	52	7
	342	MANSURA	320	9	35	02	1	3	Cu	18.8	18	46	6
	348	TANTA	00	0	35	01	1	4	Cu	18.4	19	37	4
	354	ZAGAZIG	220	1	35	03	1	3	Cu	19.8	20	41	6
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	320	6	30	01	1	1	SC	19.2	18	46	6
	372	ALMĀZA	320	8	18	01	1	2	Cu	18.5	17	56	8
		EZBEKIYA	360	2	18	02	1	1	Cu	18.6	18	40	4
		GĪZA	360	2	18	02	1	1	Cu	18.0	20	33	3
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	360	2	35	01	1	0	—	19.6	19	35	3
	387	MINYA	10	9	10	01	1	2	Ci	18.8	20	30	2
	393	ASYŪT MANQABĀD	320	12	30	02	1	2	Ci	17.8	21	33	4
	399	NAGʻ HAMMĀDI	320	2	15	01	1	3	Sc,Cu	15.9	24	26	3
	402	QENA	320	1	50	00	0	0	—	15.4	26	30	7
	405	LUXOR											
	414	ASWĀN	340	8	50	01	1	3	Ci	14.3	25	17	-2
Oases	417	SĪWA	160	7	14	00	0	0	—	18.4	22	29	3
	420	BAHARĪYA	360	2	35	02	1	0	—	19.1	20	56	11
	423	FARAFRA	360	1	35	02	2	2	Ac	19.3	21	41	7
	432	DAKHLA	320	8	50	03	0	2	Ci	18.0	22	21	-1
	435	KHARGA	360	6	15	03	0	2	Ac	17.4	23	24	1
Red Sea	450	SUEZ	360	2	50	02	0	0	—	17.1	18	46	6
	459	TŌR	310	9	50	02	0	0	—	15.1	19	52	9
	462	HURGHADA	20	13	30	02	1	4	Ac,Ci	14.9	19	46	7
	463	QUSEIR	360	13	15	03	1	3	AS	15.6	22	44	9
	541	PORT SŪDĀN	30	20	7	07	0	1	Cu		27	58	18
Northern Sudan		WĀDI HALFA	20	17	30	02	0	0	—	13.0	27	9	-9
		ABU HAMAD	360	9	30	02	0	0	—		32	7	-8
	660	KAREIMA	20	18	10	07	0	0	—	9.3	33	5	-11
	680	ATBARA	350	16	7	07	0	0	—	5.0	35	14	4
		KHARTUM	10	19	15	07	0	0	—	4.0	37	8	-3
		KASSALA	20	9	30	01	0	1	Cu	0.1	38	24	14
Central Sudan		WAD MEDANI	360	9	15	02	0	1	CC	1.6	40	8	0
		RENK											
		ROSEIRES											
		EL OBEID											
		EL FASHER											
		GENEINA											
Southern Sudan		MALAKAL	50	4	30	03	2	8	CC	1.3	39	14	7
		WAU	200	12	30	02	2	7	Cu,SC	4.7	32	46	19
		JUBA	270	7	30	17	2	7	Sc,Cc	2.6	33	38	17

At 1800 on Tuesday 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	90	9	15	00	0	0	—	15.1	15	77	11	0
SĪDI BARĀNI	90	9	18	03	0	1	AC	14.5	14	67	8	0
MATRŪH	80	6	10	00	0	0	—	16.7	12	77	8	0
EL DABʻA	00	0	7	00	0	0	—		12	77	8	0
ALEXANDRIA	360	5	35	00	0	0	—	18.0	14	72	9	0
FOUAD (Airport)	280	2	12	01	0	0	—	17.7	13	72	8	0
DAMIETTA	320	2	7	00	0	0	—	18.0	13	77	9	0
PORT SAʻĪD	10	8	14	02	0	0	—	17.2	14	59	6	0
EL ʻARISH												
DAMANHUR	310	9	15	02	1	1	Cu	18.0	13	77	9	0
MANSURA	40	5		00	1	0	—	18.6	14	63	7	0
TANTA	00	0	35	02	1	0	—	18.6	13	67	7	0
ZAGAZIG	00	0	35	02	1	0	—	18.2	15	59	7	0
ISMAILIA												
FAROUK (Airport)	20	4	12	00	0	0	—	18.3	15	55	6	0
ALMĀZA												
EZBEKIYA	00	0	12	00	0	0	—	17.2	16	52	6	0
GĪZA	00	0	12	00	0	0	—	17.4	14	67	8	0
HELWĀN												
FAIYŪM	00	0	35	02	0	0	—	18.0	14	55	5	0
MINYA	360	2	8	00	1	0	—	18.0	13	63	6	0
ASYŪT MANQABĀD	310	5	10	00	1	0	—	17.1	14	63	7	0
NAGʻ HAMMĀDI	270	1	7	00	0	0	—	16.2	16	49	5	0
QENA	00	0	7	03	1	3	Cu	15.3	18	46	6	0
LUXOR												
ASWĀN	360	4	15	00	0	0	—	14.6	20	24	-1	0
SĪWA	100	6	8	00	0	0	—	16.0	18	32	1	0
BAHARĪYA	00	0	15	02	0	0	—	17.9	16	56	7	0
FARAFRA	60	0	15	02	2	0	—	18.0	17	52	7	0
DAKHLA	320	8	35	00	0	0	—	19.4	17	34	1	0
KHARGA	00	0	15	00	0	0	—	15.2	17	26	-3	0
SUEZ	360	1	35	02	0	0	—	16.8	16	42	3	0
TŌR	340	19		02	0	0	—	17.4	18	49	7	0
HURGHADA	340	18	12	00	1	0	—		16	52	6	0
QUSEIR	330	2	15	01	1	0	—	15.2	21	50	10	0

At 0600 on Wednesday 19th March, 1952

Station	Wind 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	24	7	09	3	3	AC	7.1	-9.0	17	20	-1	7	-4	26	-3	0	Rain	
SĪDI BARĀNI											20								
MATRŪH	90	12	15	03	1	7	AC	11.1	-5.3	12	18		8	-3	55	3	0		
EL DABʻA	140	10	15	03	2	7	St			12	19		7		63	5	0		
ALEXANDRIA	130	19	50	01	1	4	AC	14.7	-1.1	12	18	-4	10	-3	63	5	0	156	177
FOUAD (Airport)	120	8	14	03	1	3		14.6	-1.8	12	18	-2	9	-2	77	8	0	163	135
DAMIETTA	140	2	15	03	1	3	AC	15.9	+0.2	14	17	-3	9	-2	77	10	0	163	97
PORT SAʻĪD	140	12	14	03	0	5	AC	15.5	-0.8	14	17	-3	11	-3	59	6	0		
EL ʻARISH																			
DAMANHŪR	130	13	15	02	0	0	—	15.4	-0.7	13	18	-5	8	-2	67	7	0		90
MANSŪRA	90	5	35	00	0	0	—	16.4	+0.5	13	21	-3	7	-3	67	7	0		46
TANTA	90	2	35	02	0	0	—	15.6	-0.9	13	20	-4	8	-1	67	7	0		34
ZAGAZIG	00	0	35	02	0	0	—	16.2	+0.2	12	20	-4	8	-1	63	5	0	30	23
ISMAĪLIA																			
FAROUK (Airport)											19								
ALMĀZA											19								
EZBEKIYA	00	0	12	00	0	0	—	15.1	-1.0	13	21	-4	9	-2	55	4	0	60	21
GĪZA	00	0	12	00	0	0	—	15.2	-1.3	15	20	-4	5	-3	48	4	0	58	20
HELWĀN																			22
FAIYŪM	330	2	35	02	0	0	—	16.4	+0.1	14	21	-5	7	-3	55	5	0	23	7
MINYA	140	3	10	00	0	0	—	16.5	-0.8	13	21	-4	5	-3	55	4	0	5	
ASYŪT MANQABĀD	00	0	8	10	0	0	—	16.2	+0.3	14	21	-5	9	0	67	8	0	3	
NAGʻ HAMMĀDI											25	-2							
QENA	320	1	15	00	0	0	—	15.5	+0.8	15	29	-2	9	-3	68	9	0	2	
LUXOR	00	0	30	01	1	1	Ci	14.9	-0.2	14			7		34	-2	0	dr.	
ASWĀN	20	5	50	01	1	3	Ci	14.8	+0.1	16	26	-5	12	-3	42	3	0	dr.	
SĪWA	00	0	14	00	0	0	—	11.4	-6.2	17	23	-3	12	+4	34	1	0	25	7
BAHARĪYA	00	0	35	02	0	0	—	15.0	-1.7	17	22	-4	8	-1	60	9	0	1	7
FARAFRA	220	1	35	02	2	2	Ci	15.8		12	23		6		55	3	0	Rain	
DAKHLA	90	8	50	03	0	2	Ci	15.8	-0.3	12	23	-6	6	-4	33	-4	0	dr.	
KHARGA	00	0	15	00	0	0	—	15.6	0.0	16	23	-6	7	-5	42	3	0	dr.	
SUEZ	90	1	50	00	0	0	—	15.4	-0.5	15	20	-4	8	-4	68	9	0	44	14
TŌR	40	2	35	02	0	0	—	15.1	+0.7	17	20	-4	9	-4	34	1	0	1	12
HURGHADA	310	9	30	02	0	0	—	14.7	-0.6	17	19	-3	10	-2	42	4	0	0	
QUSEIR	330	2	15	02	0	0	—	15.1	+1.1	19	22	-3	15	-2	37	4	0	dr.	4
PORT SŪDĀN																			95
WĀDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
ATBARA																			2
KHARTUM																			4
KASSALA																			8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID																			16
EL FASHER																			6
GENEINA																			4
MALAKAL																			91
WAU																			162
JUBA																			179

UPPER AIR OBSERVATIONS

HUMIDITY — Min. at ...

Station	on 18th	Diff. from normal
Alexandria	49	-16
Ezbekiya	55	-5
Giza	61	-1
Helwan		

GIZA GRASS MINIMUM °C.

On 19th 3.5

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.	Farouk Airport: 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					

UPPER WIND OBSERVATIONS on 18th

Station	Asyut		Kharga		Dakhla		Hurghada		Minya		Siwa		S.Barani										Minya		Port 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	320	13	360	11	30	16	10	19	340	6	140	23	90	9									10	9	30	3
600	340	13	20	15	30	14	20	21	350	9	140	19	150	7									360	16	10	3
1000	340	18	10	19	10	11	360	21	340	10	120	14	190	9									40	7	330	4
1500	350	21	10	18	20	11	350	22	330	13	140	10	210	10									350	7		
2000	350	26	360	11	20	15			320	16	250	20	260	28												
3000	350	25	330	19							270	30	260	44												
4000	350	20	290	20							280	28														
5000	290	17									310	27														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʻīd		El ʻArīsh		Helwān		Minya		Manqabād		Luxor		Aswān		Hurghada			
Time			4				2						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	9		190	16			180	10					10	6	100	4			360	10	330	22		
600			190	28			170	9					20	10	140	15			40	19	310	17		
1000			200	20			200	10					40	13	140	12			50	22	320	27		
1500			250	30			210	10					40	10	100	5			60	25				
2000			260	29											70	3			50	24				
3000															270	6								
4000															340	16								
5000																								
6000																								
7000																								
8000																								

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakāl	
Time	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	180	35	200	38	130	10	30	10																
600	190	34	200	34	120	19	70	11																
1000	190	40	200	48	140	26	90	9																
1500	220	26			130	27	100	8																
2000	230	27					60	8																
3000	210	39					360	15																
4000	240	25																						
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.

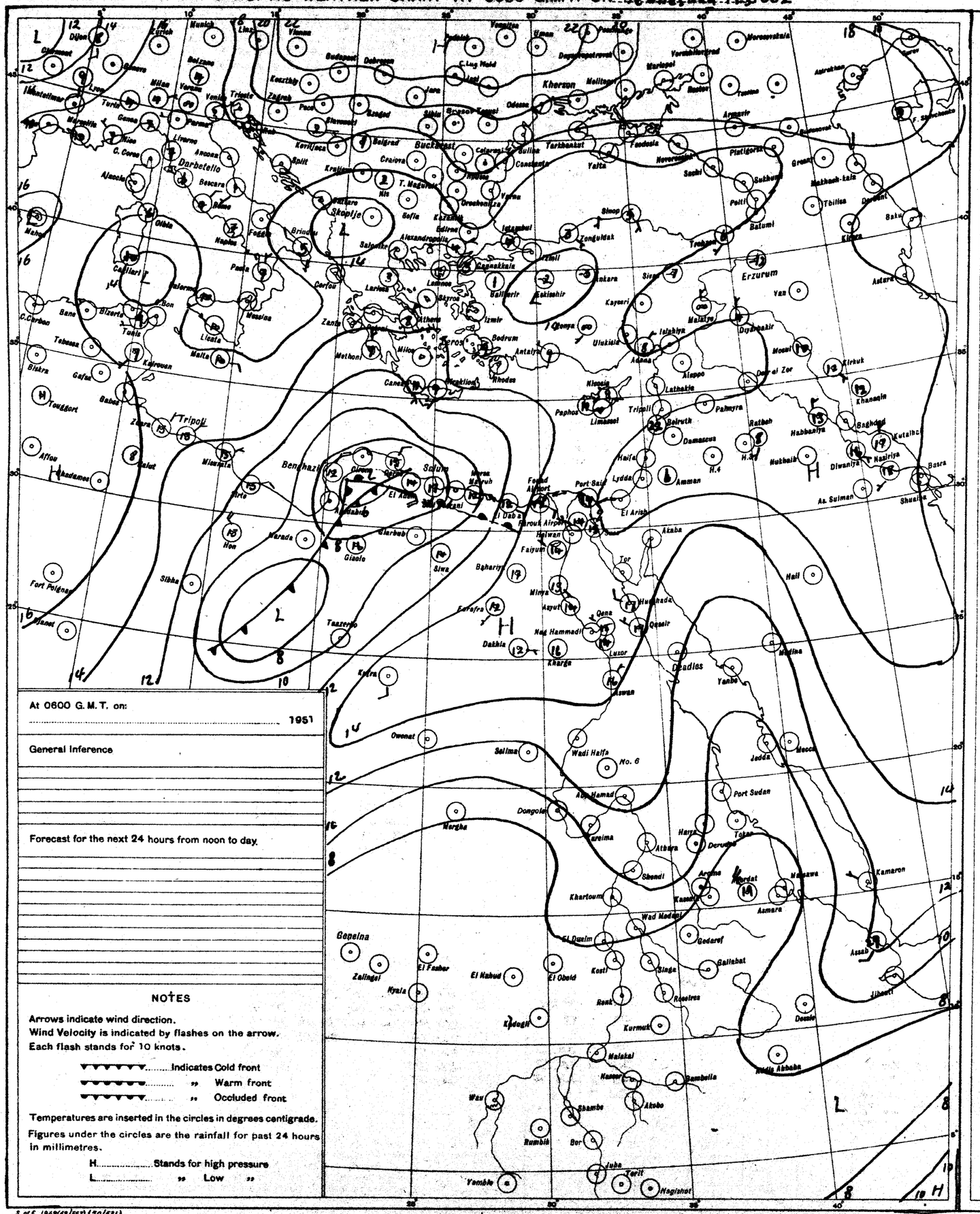
Note: All times are G.M.T.

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

Annual Subscription ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 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 / 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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(49/257) (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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 20th March, 1951

At 1200 on Wednesday 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	SALŪM	200	24	15	09	3	7	CS	3.5	29	9	-7
	303	SÎDI BARÂNI	230	28	3	02	3	8	AS	3.6	30	18	3
	306	MATRÛH	180	27	10	07	3	2	CC	6.3	28	12	-4
	309	EL DABA'	200	9	35	00	0	0	—		29	25	7
		ALEXANDRIA	180	16	50	01	2	3	Ci	11.0	22	29	3
	318	FOUAD (Airport)	130	17	18	01	1	4	Ci	11.0	23	32	5
	330	DAMIETTA	90	9	35	01	1	1	AC		18	60	10
	333	PORT SAÏD	90	18	30	01	0	0	—	12.7	17	60	9
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	9	15	02	0	0	—	11.8	23	32	5
	342	MANSURA	180	9	35	00	0	0	—	13.1	23	32	5
	348	TANTA	00	0	35	01	1	3	Cu	12.8	24	32	6
	354	ZAGAZIG	40	1	50	02	0	0	—	12.4	24	32	6
	441	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	220	7	30	00	0	0	—	13.0	26	30	7
	372	ALMAZA	220	9	18	00	0	0	—	12.2	26	25	4
		EZBEKIYA	00	0	18	00	0	0	—	12.3	26	25	4
		GIZA	00	0	18	00	0	0	—	11.9	27	20	2
	378	HELWÂN	200	3	35	02	0	0	—	12.3	24	26	3
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	13.1	27	20	2
	387	MINYA	190	5	10	03	0	3	Ci	12.6	27	20	2
	393	ASYÛT MANQABÂO	120	2	30	02	1	1	Ci	12.2	30	22	6
	399	NAG' HAMMÂDI	00	0	15	01	1	3	SC,Cu	11.4	30	21	5
	402	QENA	220	1	50	00	0	0	—	11.4	30	21	5
	405	LUXOR	340	5	30	00	0	0	—	10.5	28	23	5
	414	ASWÂN	90	4	50	01	1	3	Ci	10.0	30	7	-10
Oases	417	SÎWA	200	15	8	00	3	0	—		32		
	420	BAHARÎYA	180	3	35	03	2	6	AC	11.9	29	40	14
	423	FARAFRA	180	3	35	02	2	6	Ci	10.2	31	31	12
	432	DAKHLA	20	14	50	01	2	4	Ci	10.3	29	17	1
	435	KHARGA	00	0	15	01	2	2	Ci	11.2	29	19	3
Red Sea	450	SUEZ	180	2	50	02	0	0	—	11.5	25	28	5
	459	TÛR											
	462	HURGHADA	40	3	30	03	0	1	Cu	11.3	22	47	10
	465	QUSEIR	360	13	15	02	0	0		12.0	23	50	12
	641	PORT SUDÂN	20	19	30	01	2	1	Ci	8.0	27	48	15
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	360	5	30	02	0	1	Ac		33	8	-6
	660	KAREIMA	20	9	30	03	1	4	CS	6.1	32	9	-5
	680	ATBARA	340	11	30	02	0	1	CS	3.5	34	11	-1
	721	KHARTÛM	310	7	30	02	0	0	—	3.5	35	12	2
	730	KASSALA	20	6	30	02	0	0	—	999.5	38	15	7
Central Sudan	751	WÂD MEDANI	360	9	35	02	0	1	CC	1.0	37	10	0
	801	RENK	360	9	35	02	0	1	Ci		39	16	9
	802	ROSEIRES	310	2	35	02	1	0	—	999.3	40	20	13
	771	EL OBEID	40	13	30	03	1	5	CS	3.3	33		
	760	EL FASHER	320	3	30	01	1	0	—		34	16	5
	710	GENEINA	00	0	30	02	2	8	CS		36	9	-2
S. Sudan	840	MALAKÂL	20	12	30	02	0	1	CS	0.4	39	12	4
	880	WÂU	70	6	30	01	2	5	CS	1.1	38	14	6
	941	JUBA											

At 1800 on Wednesday 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.
SALŪM	270	2	15	00	0	0	—	1.6	19	46	7	0
SÎDI BARÂNI	100	7	14	01	2	3	AS	1.3	20	41	6	0
MATRÛH	150	13	10	00	0	0	—	3.3	23	6	-17	0
EL DABA'	160	2	7	00	0	0	—		20	28	1	0
ALEXANDRIA	180	22	35	00	0	0	—	8.0	19	46	7	0
FOUAD (Airport)												
DAMIETTA	140	5		01	0	0	—	11.8	16	77	12	0
PORT SAÏD	100	25	14	02	0	0	—	10.2	16	72	11	0
EL 'ARISH												
DAMANHUR	120	19	15	02	0	0	—	9.0	13	67	7	0
MANSURA												
TANTA	00	0	35	02	0	0	—	9.5	14	77	10	0
ZAGAZIG	40	1	35	02	0	0	—	9.8	14	72	9	0
ISMAÏLIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	00	0	12	00	0	0	—	10.8	19	46	7	0
GIZA	00	0	12	00	0	0	—	10.8	19	46	7	0
HELWÂN	140	5	35	02	1	2	Ci	10.3	22	21	-1	0
FAIYÛM	00	0	35	02	0	0	—	11.6	20	46	8	0
MINYA	00	0	8	01	2	1	Ci	10.7	20	46	8	0
ASYÛT MANQABÂO	160	5	10	01	2	1	Ci	10.2	24	24	2	0
NAG' HAMMÂDI	00	0	7	01	1	3	SC,Cu	11.0	19	52	9	0
QENA	00	0	7	00	0	0	—	11.0	20	33	3	0
LUXOR	80	4	12	00	0	0	—	9.9	22	31	4	0
ASWÂN	00	0	15	00	0	0	—	9.4	25	11	-8	0
SÎWA	170	12	6	00	0	0	—	3.8	20	35	4	0
BAHARÎYA												
FARAFRA	180	3	15	02	2	3	AS	9.1	25	42	11	0
DAKHLA	360	8	35	00	0	0	—	10.7	25	11	-8	0
KHARGA	00	0	15	00	0	0	—	11.4	22	16	-5	0
SUEZ	00	0	35	02	0	0	—	10.3	19	64	12	0
TÛR												
HURGHADA	360	6	12	02	0	0	—	12.1	17	56	8	0
QUSEIR	360	2	15	02	0	0	—	11.9	21	61	13	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 20th March, 1952

Station	Wind 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	03	1	3	NS	998.8	-17.2	16	30	+8	15	+4	77	12	0	Rain	
SÎDI BARÂNI	300	18	15	02	2	7	NS	996.6		16	31		15		77	12	0	111	
MATRÛH	220	20	7	07	0	2	AC,CS	997.3	-19.1	20	29				19	-4	0	130	
EL DABA'	200	22	15	00	0	0	—			22			11		33	5	0	Rain	
ALEXANDRIA	180	23	35	04	1	8	AS	00.0	-15.7	22	26	+4	14	+1	16	-5	0	156	177
FOUAD (Airport)	180	14	10	03	2	6	AC	999.8	-16.6	21	27	+7	11	0	26	1	0	163	136
DAMIETTA	140	9		03	2	8	SC	2.6	-13.0	18	19	-1	14	+3	60	10	0	163	98
PORT SAÏD											18	-2							
EL 'ARISH																			
DAMANHUR	130	19		02	1	6	Ci	1.6	-14.4	20	24	+1	12	+2	24	-1	0	82	90
MANSURA	180	13	15	03	2	8	St	2.8	-13.1	16			11	+1	59	8	0	56	46
TANTA	00	0	35	02	0	0	—	2.0	-14.4	13	24	0	8	-1	67	7	0	64	34
ZAGAZIG	00	0	35	02	2	8	St	3.4	-12.6	17	26	+2	8	-1	52	7	0	30	24
ISMAÏLIA																			
FAROUK (Airport)	200	27	6	05	2	8	AC	3.5		26			18		32	8	0	83	
ALMAZA	180	29	8	03	0	8	Sc,Cu	3.5	-12.6	26	27		18	+7	15	-3	0	71	
EZBEKIYA	180	3	12	02	1	8	CS	3.1	-13.6	19	29	+6	15	+4	35	3	0	60	21
GIZA	180	3	12	02	1	8	CS	3.4	-13.0	20	29	+4	12	+4	24	-1	0	58	21
HELWÂN	160	8	15	02	2	8	AS	4.4	-11.6	21	26	+1	21	+9	26	1	0	59	23
FAIYÛM	200	4	35	03	2	8	Cu	6.0	-10.2	18			13	+3	37	3	0	23	7
MINYA	140	10	8	03	2	8	AC	6.3	-11.0	17	28	+3	14	+6	34	1	0	5	
ASYÛT MANQABÂO	140	2	8	10	1		Ac	6.5	-9.3	22	30	+4	15	+5	20	-2	0	3	
NAG' HAMMÂDI											30	+3							
QENA	00	0	15	03	1	5	Ci	8.4	-6.3	19	32	+1	10	-2	52	9	0	2	
LUXOR											31								
ASWÂN	180	2	50	00	0	0	—	8.2	-6.4	20	31	0	15	0	41	6	0	dr.	
SÎWA	270	13	12	03	0	2	Ac	12	-16.4	18	32	+6	18	+9	78	14	0	25	7
BAHARÎYA																			7
FARAFRA	220	2	15	02	2	8	AC	4.7		18	31		15		46	6	0	Rain	
DAKHLA	90	11	50	03	0	3	Ci	9.5	-6.5	13	30	+1	8	-3	34	-3	0	dr.	
KHARGA	00	0	15	03	1	4	Ci	8.7	-6.8	15	30	+1	11	-1	30	-3	0	dr.	
SUEZ	220	1	50	00	0	0	—	4.8	-11.1	19	26	+2	13	+1	37	4	0	44	14
TÛR																			12
HURGHADA											22	0							
QUSEIR	00	0	15	03	0	4	Ci	8.7	-5.2	21	23	-2	17	0	65	14	0	dr.	4
PORT SUDÂN	310	8	30	01	2	1	SC	8.4		24	28		17		69	18	0	211	95
WÂDI HALFA	150	4	50	02	0	0	—	8.4		16	29		10		19	-8	0	dr.	
ABU HAMAD	00	0	30	03	0	1	Ci			20	33		13		24	-1	0		
KAREIMA	340	3	30	02	0	0	—	8.1		17	33		12		22	-5	0	dr.	1
ATBARA	350	3	30	02	0	0	—	7.3		22	35		15		23	0	0	0	2
KHARTÛM	50	5	30	02	0	1	Ci	7.7		23	36		19		16	-4	0	06	4
KASSALA	170	2	30	01	0	0	—	5.2		23	39		16		38	8	0	49	8
WÂD MEDANI																			12
RENK	360	2	35	02	1	5	Ci	6.6		27	41		20		9	-9	0		49
ROSEIRES																			38
EL OBEID	360	4	30	03	0	1	Ci	8.0		23	35		17		11	-9	0	15	16
EL FASHER	20	3	30	02	0	1	AC			21	37		14		23	-1	0	13	6
GENEINA	70	1	30	02	2	8	CS			19	38		16		21	-4	0		4
MALAKÂL	50	10	30	01	1	5	AC,Cc	6.1		29	40		22		11	-5	0	94	91
WÂU	230	5	10	04	1	8	Ac,CS	6.8		27	39		24		62	19	0	166	163
JUBA	160	8	30	03	2	8	AC,CS	6.3		28	34		25		62	20	dr.	242	180

HUMIDITY

Mean of day

Station	On 19th	Diff. from normal
Alexandria	54	-11
Ezbekiya	45	-15
Giza	46	-16
Helwan	30	-16

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 ... At ...

Pressure 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

Height m.	Suez Dir.	Suez Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		14		20	
300	200	31	120	3	150	6	150	27	150	8	40	8	80	23	210	12	170	17
600	210	36	190	6	160	10	150	21	160	11	60	6	90	20	210	20	190	26
1000	200	38	180	13	170	11	160	8	150	14	80	5	100	16	210	17	190	22
1500	210	30	190	13	170	8			130	21	70	6	120	15	200	17	170	24
2000			200	13	190	7			130	15	40	9	130	16	210	13	180	16
3000															230	10		
4000																		
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 20th

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 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabâo Dir.	Asyut Manqabâo Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time			8				3				8		2		8		8 45		8					
300			250	23			180	29			190	36	140	6	160	15	180	2						
600			250	30			180	8			190	36	100	5	170	17	180	11	150	14				
1000			250	26			200	9			190	40	110	3	170	30	150	23	150	13				
1500			250	17			320	9			190	47	130	10	180	33	170	7						
2000							280	10			200	50			190	23	220	7						
3000							260	5			230	43												
4000											240	49												
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 Fasher Dir.	El Fasher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8				8		8		4		4		5		4				4		5		4	
300	280	27			140	12	180	13	50	2														
600	290	29			160	16	180	21	80	5	80	13	50	9	360	17							30	15
1000	290	33			190	39	170	23	120	4	90	12	60	9	10	13			30	18	10	8	20	40
1500	280	18			180	41	160	24	140	7	50	8	110	1	310	9			350	11	100	5	40	23
2000	260	30									270	3			320	19					20	15	30	9
3000	250	39							210	7	260	15	180	5	280	22			290	21	200	5	10	5
4000											230	6			220	17					320	12		
5000											270	11												
6000											240	13			210	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.

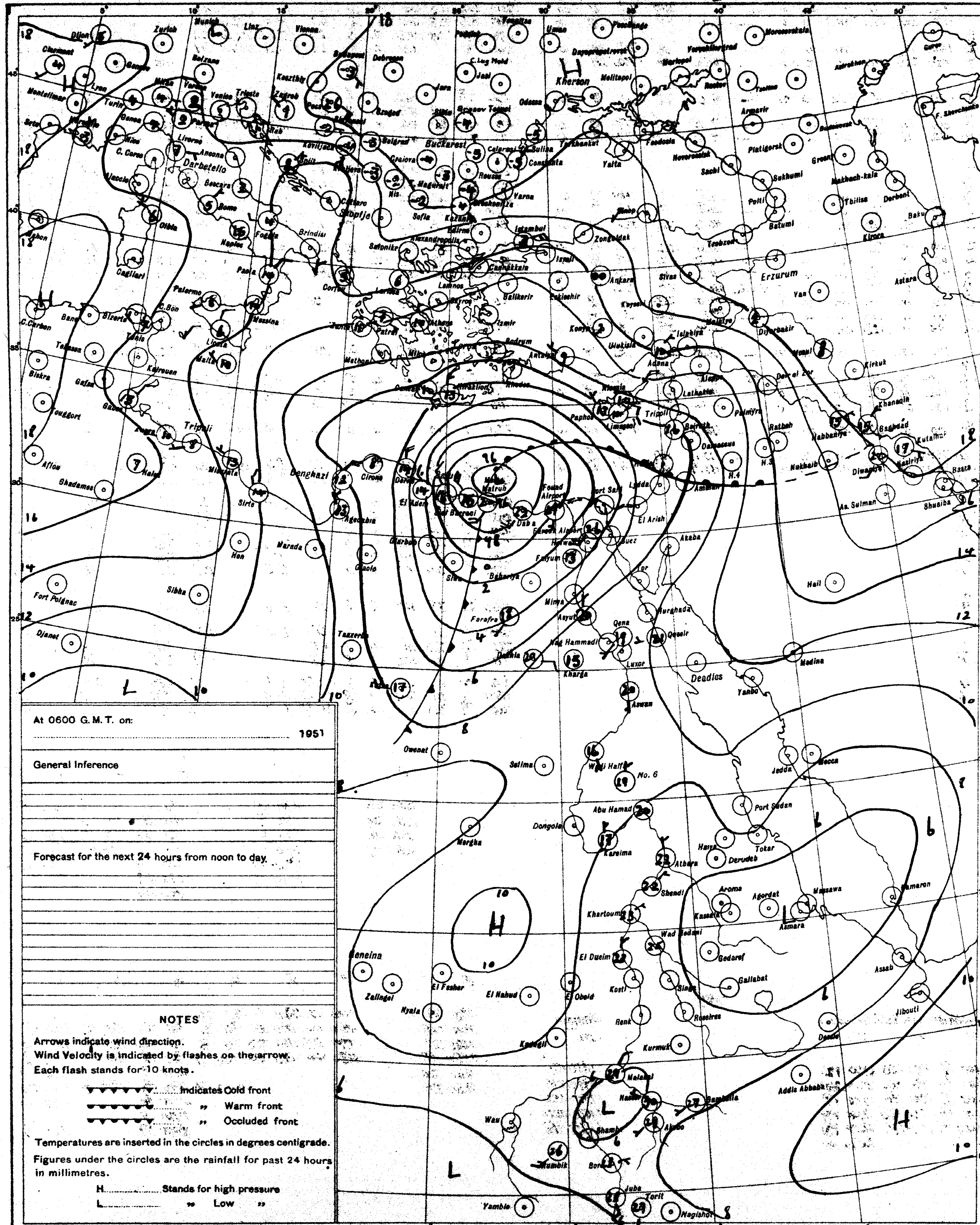
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 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 „

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

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	
Cirrostratus	
Cirrocumulus	
Altocumulus	
Altostratus	
Stratocumulus	
Nimbostratus	---
Cumulus or Fractocumulus	
Cumulonimbus	
Stratus or Fractostratus	—

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 58 G. M. T.
" " Sunset 16 07 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 21st March, 1952

At 1200 on Thursday 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	SALŪM	320	12	35	20	5	7	NS	2.0	16	77	12
	303	SĪDI BARĀNI	300	18	15	80	2	7	Cu,Sc	999.9	18	73	13
	306	MATRŪH	290	18	8	07	1	3	Sc	998.5	20	64	13
	309	EL DAB'A	250	13	35	00	0	0	—	.	26	30	7
		ALEXANDRIA											
	318	FOUAD (Airport)	220	31	0.9	34	3	9		996.9	30	11	-4
	330	DAMIETTA	160	13	3	02	2	8	AS	0.0	23	61	15
	333	PORT SA'ĪD											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	260	30		34	3			997.4	30	25	8
	342	MANṢURA	220	24	15	32	3	0	—	999.9	29	40	14
	348	TANTA	220	5	35	03	2	5	Cu	998.6	28	40	13
	354	ZAGAZIG	220	3	3	35	4	4	St	1.1	27	20	2
	141	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)	30	43	2	34	3	7	Ac,Ci	1.2	29	14	-1
	372	ALMĀZA	190	32	8	05	3	5	Ac,Cs	1.6	28	12	-4
		EZBEKĪYA	180		18	40	4	8	Ci	1.2	29	15	0
		GĪZA	180		18	40	4	8	Ci	1.6	29	19	3
	378	HELWÂN											
UPPER EGYPT	381	FAIYŪM	200	8	35	02	2	8	Cu	3.1	28	22	4
	387	MINYA	170	8	8	02	2	8	Ac	3.0	28	25	6
	393	ASYŪT MANQABĀD	220	15	30	02	1	6	Ac	2.9	32	6	-11
	399	NAG' HAMMĀDI	220	3	15	01	1	7	Cb,Ac	3.8	33	21	8
	402	QENA	130	1	50	03	1	7	Ns	4.3	32	24	9
	405	LUXOR	180	12	30	02	1	3	Ci	3.4	33	8	-5
	414	ASWĀN	180	4	50	03	2	4	As	4.6	31	9	-6
OASES	417	SĪWA	300	13	12	03	0	3		3.1	23	34	6
	420	BAHARĪYA	160	4	35	01	2	7	As	2.8	29	46	16
	423	FARAFRA	240	11	0.8	31	3	8	Ac	2.4	31	43	17
	432	DAKHLA	160	14	50	01	1	3	Ci	3.9	32	7	-9
	435	KHARGA	180	1	15	01	2	2	Ci	4.0	32	15	2
RED SEA	450	SUEZ	180	2	50	01	0	3	Cu	1.9	23	50	12
	459	TŌR	130	13	50	02	0	0	—	4.2	28	27	7
	462	HURGHADA											
	465	QUSEIR	90	5	15	03	1	5	Ci	5.6	26	48	14
	641	PORT SŪDĀN	70	13	30	01	0	1	Cu	5.2	27	74	22
NORTH SŪDĀN	600	WĀDI HALFA	240	7	30	01	0	1	Ci	3.4	34	5	-10
	640	ABU HAMAD	00	0	30	02	0	0	—		35	9	-3
	660	KAREIMA	250	7	30	02	0	0	—	3.0	35	8	-5
	680	'ATBARA	190	2	30	02	0	0	—	2.0	35	11	0
	721	KHARTŪM	290	8	30	01	0	0	—	1.8	37	4	-13
	730	KASSALA	310	4	30	02	0	0	—	0.6	38	13	5
CENTRAL SŪDĀN	751	WĀD MEDANI	310	5	35	02	0	0	—	0.8	38	9	-1
	801	RENK	310	9	35	02	1	6	AC		39	16	9
	802	ROSEIRES											
	771	EL OBEID	10	7	30	02	0	6	Ci	4.0	36	5	-9
	760	EL FĀSHER											
	770	GENEINA	220	8	30	02	2	8	CS		38	7	-4
S. SŪDĀN	840	MALAKĀL	360	6	50	02	2	8	CS	1.8	39	9	1
	880	WAU	360	2	30	01	2	6	Ac,Ci	2.2	37	13	4
	941	JUBA	270	4	30	60	9	8	Sc,Ac	5.8	27	62	19

At 1800 on Thursday 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.
SALŪM	200	9	15	51	8	8	NS	6.4	14	77	10	9.4
SĪDI BARĀNI	310	21	12	02	8	8	Cu,Sc	5.0	14	72	9	Rain
MATRŪH	310	22	10	02	2	7	NS	4.6	15	72	10	0
EL DAB'A	270	15	7	00	0	0	—		16	77	12	0
ALEXANDRIA	270	35	35	00	0	0	—	999.9	16	88	14	0
FOUAD (Airport)												
DAMIETTA	90	5	3	02	2	8	AS	999.9	18	60	10	0
PORT SA'ĪD	210	22	8	01	0	0	—	997.7	23	32	5	0
EL 'ARISH												
DAMANHUR	270	19	3	33	3	0	—	0.0	17	52	7	0
MANṢURA	90	19	3	30	3	0	—	999.8	20	56	11	0
TANTA	220	2	35	01	2	4	Cu	0.6	18	73	13	0
ZAGAZIG	220	1	35	02	4	0	—	999.8	22	25	1	0
ISMA'ILIA												
FAROUK (Airport)												
ALMĀZA												
EZBEKĪYA	00	0	12	00	0	0	—	1.0	22	33	5	0
GĪZA	00	0	12	00	0	0	—	1.1	20	41	6	0
HELWÂN												
FAIYŪM	00	0	35	01	1	3	Cu	1.9	23	12	-8	0
MINYA	260	7	8	01	1	4	AC	1.8	19	37	4	0
ASYŪT MANQABĀD	210	8	10	01	2	5	AC	1.7	28	9	-8	0
NAG' HAMMĀDI	00	0	7	00	0	0	—	4.2	20	46	8	0
QENA	00	0	50	02	1	7	NS	5.8	22	44	9	0
LUXOR												
ASWĀN	00	0	15	00	0	0	—	5.0	26	15	-5	0
SĪWA	350	14	8	00	0	4	—	7.6	18	52	8	0
BAHARĪYA	270	3	15	01	2	4	AS	4.2	21	65	14	0
FARAFRA	320	3	15	02	3	3	AC	5.8	22	57	13	0
DAKHLA	340	14	35	00	0	0	—	5.0	26	7	-12	0
KHARGA	180	1	15	00	0	0	—	6.0	24	15	-5	0
SUEZ	180	3	50	01	0	1	Cu	999.9	21	50	10	0
TŌR	130	13	—	02	0	0	—	3.2	25	28	5	0
HURGHADA												
QUSEIR	180	5	15	01	1	3	Ci	4.3	23	83	20	0
PORT SŪDĀN												
WĀDI HALFA	170	1	50	02	0	1		4.3	27	9	-8	0
ABU HAMAD	310	6	30	02		0	—				-6	0
KAREIMA	340	2	30	02	1	0	—	4.4	26	11	-7	0
'ATBARA	250	1	6	03	0	0	—	3.2	30	22	6	0
KHARTŪM												
KASSALA	20	1	30	03	0	0	—	3.7			7	0
WĀD MEDANI												
RENK												
ROSEIRES												
EL OBEID	80	2	30	02	0	0	—	3.0	23	20	-1	0
EL FĀSHER	250	3	30	02	0	0	—		22	29	3	0
GENEINA												
MALAKĀL	00	0		01	1	0	—	2.7	31	19	5	0
WAU	00	0	30	01	2	3	AC	2.2	33	19	6	0
JUBA	180	7	30	01	6	4		5.6	27	70	21	2

At 0600 on Friday 21st March, 1952

Wind 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
00	0	15	01	1	2	Cb	10.4	-5.4	11	20	-2			63	4	6.4	Rain		SALUM
310	22	18	01	8	1	Cb	9.3		14			11		52	4	1	112		SĪDI BARĀNI
280	13	18	01	1	4	Cb	9.1	-7.2	15	22		10		55	6	0	130		MATRŪH
270	7	15	03	2	8	St			13	28		11		88	11	6	214		EL DAB'A
310	20	50	03	5	6	NS	8.3	-7.4	15	30	+8	14	+1	68	9	dr	156	178	ALEXANDRIA
300	18	18	01	2	5	Sc	7.5	-8.9	15			14	+3	59	7	0	163	136	FOUAD (Airport)
160	5	15	01	1	1	Cu	7.2	-8.4	14	28	+8	11	0	88	12	0	163	98	DAMIETTA
280	18	12	01	0	0	—	6.0	-10.2	15	27	+7	14	0	77	11	0	89		PORT SA'ĪD
																			EL 'ARISH
270	9	7	02	1	6	AC	7.9	-8.1	17	32	+8	12	+2	60	9	0	82	90	DAMANHŪR
220	9	35	00	0	0	—	8.2	-7.6	15	29	+5	11	+1	77	11	0	56	46	MANṢŪRA
220	2	35	03	2	5	Cu	9.1	-7.3	14	29	+4	10	+1	77	10	0	64	34	TANTA
00	0	35	02	0	0	—	9.1	-6.8	15	29	+4	8	-1	68	9	0	30	24	ZAGAZIG
																			ISMA'ĪLIA
220	10	12	03	2	6	Sc	10.0		16			12		68	10	0	83		FAROUK (Airport)
250	12	12	03	1	7	Sc	9.2	-7.4	15	29		13	+2	63	8	0	71		ALMÂZA
270	3	12	50	5	8	Cb	9.2	-6.8	15	30	+5	13	+2	72	10	dr	60	21	EZBEKĪYA
270	3	12	50	5	8	Cb	9.3	-7.1	15	29	+4	11	+3	77	11	dr	58	21	GĪZA
																0	59	23	HELWÂN
290	6	35	03	1	4	St	11.6	-4.6	16	29	+3	12	+2	59	8	0	23	7	FAIYŪM
320	7	10	00	0	0	—	11.8	-5.4	15	30	+5	11	+3	68	9	0	5		MINYA
320	8	12	00	0	1	Cu	12.1	-3.7	16			13	+3	68	10	0	3		ASYŪT MANQABĀD
										34	+7								NAG' HAMMÂDI
320	4	15	00	0	0	—			20	34	+2	13	+1	56	11	0	2		QENA
																			LUXOR
360	5	7	10	0	0	—	9.8	-4.7	20	32	0	15	0	33	3	0	dr.		ASWĀN
270	7	14	00	0	0	—	11.9	-5.6	12	24	-2	10	+1	63	5	0	25	7	SĪWA
270	3	35	02	0	0	—	12.4	-4.2	15	30	+4	11	+2	77	11	0	1	7	BAHARĪYA
340	4	35	02	0	0	—	13.3		15	31		9		77	11	0	Rain		FARAFRA
340	14	35	30	1	0	—	12.2	-3.7	16	34	+5	13	+2	68	10	0	dr.		DAKHLA
360	1	7	00	0	0	—	11.2	-4.2	17	33	+4	15	+3	52	7	0	dr.		KHARGA
130	2	50	00	0	0	—	8.8	-7.0	20	25	0	14	+1	56	11	0	44	14	SUEZ
340	19	35	02	0	0	—	7.0	-7.3	22	31	+6	18	+5	50	11	0	1	13	TŌR
																			HURGHADA
270	2	15	02	0	0	—	6.5	-7.3	25	26	+1	18	+1	34	8	0	dr.	4	QUSEIR
																		95	PORT SŪDĀN
360	4	30	01	0	1	Ci	8.1		21	36		15		31	3	0	dr.		WĀDI HALFA
50	2		02	0	1				21	36		14		31	3	0			ABU HAMAD
360	4	30	02	0	1		8.1		21	36		15		31	3	0	dr.	1	KAREIMA
360	4	30	02	0	0	—	6.1		26	37		17		9	-9	0	0	2	'ATBARA
310	2	15	05	0	2	Ci	6.3		25	39		18		14	-5	0	0.6	4	KHARTŪM
00	0	30	01	2	4	AC	6.6		27	38		18		30	8	0	49	8	KASSALA
50	5	35	02	0	0	—	6.7		26	39		16		11	-7	0	20	12	WĀD MEDANI
180	5	35	02	1	4	AC			28	40		18		29	8	0		49	RENK
																		38	ROSEIRES
150	1	30	03	1	3	Ac,Ci	6.3		21	38		12		17	-5	0	15	16	EL OBEID
320	1	30	03	0	7	CS			21	38		18		26	1	0	13	6	EL FÂSHER
																		4	GENEINA
										41								91	MALAKĀL
230	10	30	02	2	7	Ci	7.3		27	39		25		62	19	0	166	164	WĀU
180	5	30	01	2	9	Sc,AC	9.8		25	32		22		70	19	2	244	181	JUBA

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	47	-18
Ezbekiya	29	-30
Giza	30	-32
Helwan		

GIZA
GRASS MINIMUM TEMP
ON 21st 8.5

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 .... At ....

Pressure 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 AIRPORT — On 21st At 10h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	122	22			
950					
900					
850	1500	10			
800					
700	3090	1			
600	4305	-8			
500	5692	-19			
400	7323	-27			
300	9338	-40			

UPPER WIND OBSERVATIONS on 20th

Station	Minya		Asyut		Dakhla		Siwa		Kharga		Minya	
Time	14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	220	24	210	30	240	25	290	36	200	16	290	22
600	210	26	210	18	240	30	290	35	200	16	290	29
1000	220	17	200	23	250	23	290	39	200	14	290	30
1500	210	32	220	32	270	22	290	55	230	23	270	27
2000			240	15			300	40				
3000			230	35								
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 21st

Station	SĪDI BARĀNI		MATRŪH		FOUAD AIRPORT		PORT SA'ĪD		EL 'ARĪSH		HELWAN		MINYA		ASYŪT MANQABĀD		LUXOR		ASWĀN		HURGHADA			
Time	8						3						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	310	24					260	23					340	19	320	15	340	19						
600	300	23					280	26					350	25	320	9	330	17						
1000	310	21					280	29					350	26	320	22	330	18						
1500	320	26					300	26					20	14	310	24	310	11						
2000	320	24													290	30	290	25						
3000																	290	13						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SĪWA		BAHARĪYA		DAKHLA		KHARGA		WĀDI HALFA		ABŪ HAMAD		KAREIMA		KHARTŪM		KASSALA		EL OBEID		EL FĀSHER		MALAKĀL	
Time	8		8				8		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	310	18	310	28			20	23	10	27														
600	310	22	310	38			20	29	360	15			60	14	50	11							230	17
1000	320	25	300	45			10	28	310	10			20	9	60	9							220	15
1500	320	22					20	24	10	3			250	3	20	6							80	4
2000	310	12													340	15								
3000	310	25							280	27			280	26	300	29							30	18
4000															290	15							30	19
5000															260	22								
6000															280	8								
7000																								
8000																								

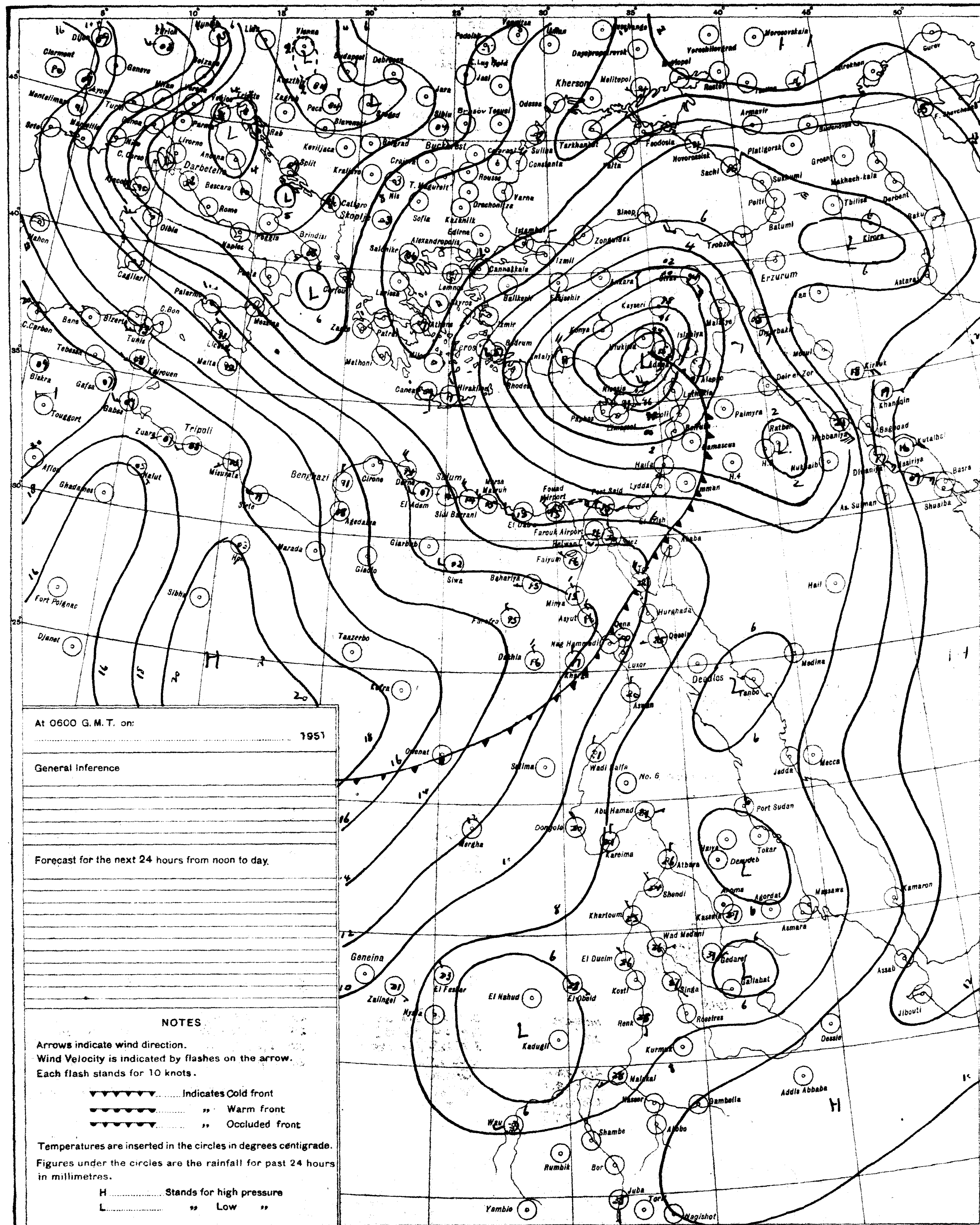
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P. T. 150

Form No. 7F. **SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21. 3. 1952**



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 / 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 57 G. M. T.

" " Sunset 16 08 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Saturday 22nd March, 1951

At 1200 on Friday 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	290	9	35	03	5	5	Sc, Ac	11.5	17	42	4
	303	SÎDI BARÂNI	280	17	18	03	8	5	Cu, Ac	10.7	17	52	7
	306	MATRÛH											
	309	EL DABA	360	9	35	00	0	1			15	63	8
		ALEXANDRIA	270	16	50	02	5	4	cb	10.4	17	52	7
	318	FOUAD (Airport)	270	13	18	02	8	5	cu, Sc	10.7	14	72	9
	330	DAMIETTA	320	5	7	03	2	6	cu	9.6	16	59	8
	333	PORT SA'ÎD	330	18	12	03	0	8	cu, Sc	8.9	18	52	8
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	270	9	15	02	6	2	cu	12.0	21	41	7
	342	MANSURA	270	9	15	03	5	6	st	10.3	15	77	11
	348	TANTA	220	5	35	03	2	7	cu	10.6	18	52	8
	354	ZAGAZIG	00	0	50	01	2	6	st	10.7	17	60	9
	441	ISMA'ÎLIA											
CAIRO AREA	366	FAROUK (Airport)	320	16	30	01	2	6	Sc	10.3	20	41	6
	372	ALMÂZA	290	14	30	02	2	5	cu, Sc	10.2	19	46	7
		EZBEKÎYA	270	3	18	02	1	8	cu	9.9	20	38	5
		GÎZA	270	3	18	02	1	8	cu	10.4	21	41	7
	378	HELWÂN											
UPPER EGYPT	381	FAIYÛM	330	6	35	03	1	6	st	11.5	22	29	3
	387	MINYA	330	11	10	01	1	1	cu	11.1	23	24	1
	393	ASYÛT MANQABÂD	340	11	30	02	1	1	cu	10.4	22	36	6
	399	NAG' HAMMÂDI	270	1	7	00	0	0	—		23	24	8
	402	QENA	320	1	50	00	0	0	—	8.3	29	19	3
	405	LUXOR											
	414	ASWÂN	360	5	50	00	0	0	—	7.8	31	9	-6
OASES	417	SÎWA	270	11	14	03	0	4	cu	14.7	19	26	-1
	420	BAHARÎYA	360	5	35	02	0	0	—	11.4	20	64	13
	423	FARAFRA	320	4	35	02	2	1	ci	13.3	21	50	10
	432	DAKHLA	340	15	50	03	0	0	—	13.0	22	29	3
	435	KHARGA	360	6	7	00	0	0	—	10.6	24	32	6
RED SEA	450	SUEZ	310	2	50	03	0	5	Sc	8.4	21	41	7
	459	TÛR	340	5	50	02	0	0	—	7.9	24	38	9
	462	HURGHADA											
	465	QUSEIR	40	9	15	02	0	0	—	7.6	24	74	19
	641	PORT SÛDÂN											
NORTH SÛDÂN	600	WÂDI HALFA											
	640	ABU HAMAD	270	2	30	02	0	1	ci		37	4	-11
	660	KAREIMA	310	4	30	02	0	0	—	3.5	37	11	2
	680	'ATBARA	10	2	30	02	0	0	—	1.8	38	5	-9
	721	KHARTÛM	310	2	30	03	0	4	cs	1.5	39	8	-1
	730	KASSALA	360	3	30	01	0	0	—	0.0	41	5	-5
CENTRAL SÛDÂN	751	WÂD MEDANI	50	5	35	02	0	2	cc	0.3	41	7	-2
	801	RENK	00	0	35	02	1	4	cu		42	14	9
	802	ROSEIRES											
	771	EL OBEID	110	3	50	01	2	5	cs	0.4	39	5	-7
	760	EL FÂSHER	260	5	30	02	2	1	ci		39	14	7
	770	GENEINA	200	4	30	02	2	8	cs		38	6	-7
S. SÛDÂN	840	MALAKÂL	180	8	30	02	2	8	cu, Ac	3.1	38	19	11
	880	WÂU	230	7	30	03	2	8	Ac, Cs	3.2	37	27	15
	941	JUBA	200	9	50	02	2	8	cu, Ac	6.3	28	52	17

At 1800 on Friday 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	270	5	15	00	0	0	—	12.7	13	67	7	dr.
SÎDI BARÂNI	300	18	2	01	0	0	—	12.0	14			0.3
MATRÛH	260	12	10	01	0	0	—	12.8	14	77	10	1
EL DABA	290	14	7	00	0	0	—		15	59	7	0
ALEXANDRIA	270	17	35	00	8	0	—	12.4	15	59	7	2
FOUAD (Airport)												
DAMIETTA	320	5		01	1	4	cu	11.1	14	77	10	0
PORT SA'ÎD	320	16	14	01	2	0	—	10.8	15	72	10	0
EL 'ARISH												
DAMANHUR	270	5	7	02	1	0	—	12.7	12	88	10	1
MANSURA	320	5		00	1	0	—	12.2	14	67	8	dr.
TANTA	00	0	35	01	2	3	cu	12.0	13	77	9	0
ZAGAZIG	00	0	35	02	1	0	—	11.2	14	67	8	0
ISMA'ÎLIA												
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	350	2	12	00	0	0	—	11.6	16	59	8	0
GÎZA	350	2	12	00	0	0	—	12.3	15	68	9	0
HELWÂN												
FAIYÛM	330	2	35	01	1	4	st	11.6	17	52	7	0
MINYA	360	2	8	00	0	0	—	11.9	15	42	2	0
ASYÛT MANQABÂD	270	3	10	00	0	0	—	12.4	17	34	1	0
NAG' HAMMÂDI	270	2	7	00	0	0	—	10.7	18	52	8	0
QENA	320	1	7	00	0	0	—	10.6	19	46	7	0
LUXOR												
ASWÂN	360	4	15	00	0	0	—	9.1	26	13	-5	0
SÎWA	280	6	8	01	1	0	—	14.2	17	30	-1	0
BAHARÎYA	360	3	3	02	0	0	—	12.9	17	52	7	0
FARAFRA	290	2	15	02	2	0	—	15.0	13	67	7	0
DAKHLA	320	11	35	00	0	0	—	14.2	16	42	3	0
KHARGA	360	1	15	00	0	0	—	11.6	20	24	-1	0
SUEZ	360	2	35	01	0	0	—	11.2	17	52	7	0
TÛR	310	19		02	0	0	—	10.6	21	33	4	0
HURGHADA												
QUSEIR	360	5	15	01	1	2	ci	9.0	22	65	15	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 Saturday 22nd March, 1952

Station	Wind 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	13	15	01	1	3	ci	12.8	-3.1	13	18	-4	9	-2	55	4	dr.	Rain	
SÎDI BARÂNI	210	6	18	02	0	1	cs	12.6		10	18		8		67	4	0.3	113	
MATRÛH	210	10	18	02	2	3	cs	13.8	-2.5	12	18		8		67	6	1	131	
EL DABA	250	2	15	00	0	0	—			12	17		8		77	8	0	214	
ALEXANDRIA	220	15	50	03	6	7	Ns	13.9	-1.7	15	18	-4	12	-1	77	11	4	160	178
FOUAD (Airport)																			136
DAMIETTA	200	2	15	01	1	1	Ac	14.0	-1.5	13	17	-3	7	-4	77	9	0	163	98
PORT SA'ÎD	260	15	12	01	0	1	Sc	13.5	-2.7	14	19	-1	12	-2	67	8	0	89	
EL 'ARISH	250	3	18	03	1	2	Cu As	13.8	-2.8	15			11			9	0	101	
DAMANHUR	230	9	15	02	5	0	—	14.0	-1.9	14	22	-2	10	0	77	10	1	83	91
MANSURA	270	5	35	00	0	0	—	14.4	-1.4	13	20	-4	7	-3	67	7	dr.	56	46
TANTA	00	0	35	01	1	4	cu	14.0	-2.3	12	19	-6	7	-2	77	8	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	14.6	-1.2	13	22	-3	8	-1	67	7	0	30	24
ISMA'ÎLIA																			
FAROUK (Airport)											21								
ALMÂZA	270	2	12	00	0	0	—	15.0	-1.0	14	22	-3	10	-1	63	7	0	60	21
EZBEKÎYA	270	2	12	00	0	0	—	15.1	-1.2	16	23	-2	7	-2	59	8	0	58	21
GÎZA																			23
HELWÂN																			
FAIYÛM	00	0	35	02	0	0	—	15.9	-0.2	15	23	-3	9	-1	59	7	0	23	7
MINYA	360	3	10	00	0	0	—	16.0	-1.2	12	23	-3	7	-1	63	5	0	5	
ASYÛT MANQABÂD	360	2	6	10	0	0	—	16.7	+1.0	13	23	-3	11	+1	63	6	0	3	
NAG' HAMMÂDI	00	0	7	01	1	7	Cu, Ac	15.6	+0.5	16	24	-3	12	+3	59	8	0	0.1	
QENA	320	1	15	03	1	7	Sc, Cu	15.2	+0.7	13	29	-3	12	0	77	9	0	2	
LUXOR																			
ASWÂN	340	6	50	02	1	7	Ns	15.0	+0.6	17	32	0	16	0	26	-3	0	dr.	
SÎWA	00	0	14	00	0	0	—	15.9	-1.5	13	20	-6	8	-1	41	0	0	25	7
BAHARÎYA	00	0	35	02	0	0	—	16.6	0.0	15	21	-5	6	-4	59	7	0	1	7
FARAFRA	320	4	35	02	0	0	—	17.4		17	22		9		60	9	0	Rain	
DAKHLA	270	11	50	00	0	0	—	17.8	+1.9	14	23	-6	9	-2	36	-1	0	dr.	
KHARGA	00	0	15	03	1	1	ci	16.6	+1.3	15	25	-5	12	0	39	1	0	dr.	
SUEZ	360	2	50	00	0	0	—	14.2	-1.6	14	23	-2	9	-4	67	8	0	44	14
TÛR	340	13	15	02	0	0	—	12.8	-1.4	20	28	+3	18	+5	41	6	0	1	13
HURGHADA																			
QUSEIR	260	5	15	03	1	0	—	12.8	-1.0	20	28	+3	18	+1	56	11	0	dr.	4
PORT SÛDÂN																			95
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA	360	8	30	03	2	8	cs	7.2		25	39		19		11	-8	0	0	2
KHARTÛM	310	5	15	05	1	7	cs	7.7		25	40		20		13	-6	0	0.6	4
KASSALA	90	4	30	03	1	5	ci	5.3		33	41		19		17	5	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID	350	3	30	03	0	7	cs	8.1		27	41		23				0	15	16
EL FÂSHER																			6
GENEINA	40	5	30	02	0		ac, cs			23	38		19		19	-2	0		4
MALAKÂL	180	11	30	03	2	8	ac, cs	8.0		31	39		26		38	15	0	94	92
WÂU	200	7	30	01	2	4	ci	7.7		28	39		26		58	19	0	166	165
JUBA	180	13	30	03	2	7	ac, cs	10.4		24	29		21		69	18	dr.	244	182

HUMIDITY %

Mean of day

STATION	on 21st	Diff. from normal
Alexandria	59	-6
Ezbekiya	59	0
Giza	66	+4
Helwan		

GIZA

GRASS MINIMUM TEMP. ON 22nd 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

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 21st

Height m.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Suwa Dir.	Suwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Matruh Dir.	Matruh Vel.	S. Baran Dir.	S. Baran 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		20		20	
300	310	9	310	23	300	16	330	24	10	23	300	19	300	20	320	17	230	17	290	13
600	320	10	310	32	300	20	330	23	10	26	280	16	300	20	370	15	220	19	290	13
1000	320	14	310	44	300	36	340	34	10	29	280	19	310	23	340	15	210	20	300	12
1500	300	18	320	28	300	50					280	14	310	23	340	17	220	17	280	11
2000	140	9	310	13	310	48					280	21			320	23				
3000			270	20	310	60														
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 22nd

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.	Almaza Dir.	Almaza Vel.
Time	8		5				8						8		8				8				8	
300	220	20	250	10			230	17					290	5	340	5			340	12			240	11
600	230	26	260	7			240	16					290	3	320	9			350	22			240	16
1000	230	23	280	12			250	16					320	7	330	12			340	17			250	15
1500	230	24	270	17			260	17					310	16	320	23			280	26			320	5
2000	250	27	270	28			290	23					280	16	290	19			250	27				
3000	260	23													260	34								
4000	250	25																						
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.	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	8				8		8																	
300	250	14			330	11	360	19																
600	250	21			310	10	350	19																
1000	260	27			340	10	340	24																
1500	270	26			300	27	340	13																
2000	270	23					280	16																
3000	260	26																						
4000	270	27																						
5000	270	28																						
6000	270	35																						
7000	270	43																						
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.

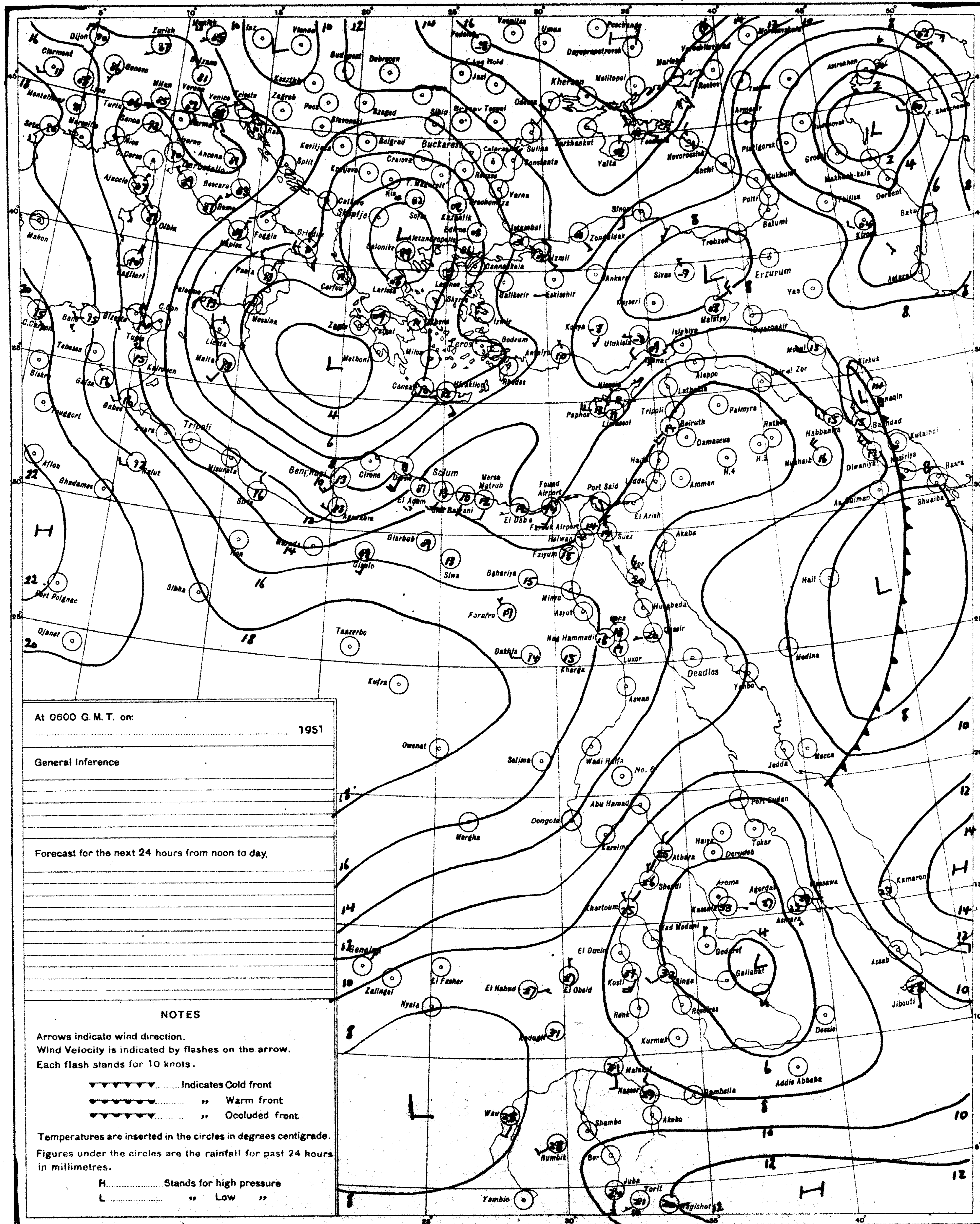
Printed by the Survey of Egypt 1949 (49/557) (50/531)

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 22/1/ 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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. K.

S of E 1949(45/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 56 G.M.T.
" " Sunset 16 08 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 23rd March, 1951

At 1200 on Saturday 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	200	24	3	33	3	7	NS, AS	8.4	20	24	-1
	303	SÎDI BARÂNI											
	306	MATRÛH											
	309	EL DABA											
		ALEXANDRIA											
	318	FOUAD (Airport)	280	15	18	03	8	2	Cu	13.7	19	52	9
	330	DAMIETTA	340	5	15	03	1	4	Cu	13.9	17	60	9
	333	PORT SA'ID	360	11	18	03	0	5	Cu, SC	13.0	16	68	10
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	13	15	02	1	3	Cu	13.8	20	33	3
	342	MANSURA	320	13	35	03	5	4	Cu	14.0	20	46	8
	348	TANTA	310	8	35	03	2	5	Cu	13.5	21	33	4
	354	ZAGAZIG	220	1	50	03	1	3	Cu	13.4	22	36	6
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	320	11	30	03	2	5	SC	13.9	19	37	4
	372	ALMAZA	250	12	30	02	1	4	SC	13.7	20	33	3
		EZBEKIYA	320		18	02	1	6	Cu	13.4	20	30	2
		GIZA	320		18	02	1	6	Cu	13.8	22	29	3
	378	HELWÂN	320	16	35	03	2	7	Cu	13.8	19	30	1
Upper Egypt	381	FAIYÛM	290	8	35	03	1	4	St	14.1	23	24	1
	387	MINYA	320	10	12	01	1	1	Cu	14.8	22	20	2
	393	ASYÛT MANQABÂD	350	10	30	00	0	0	—	13.9	22	23	0
	399	NAG' HAMMÂDI											
	402	QENA	270	1	50	00	0	0	—	12.4	27	20	2
	405	LUXOR											
	414	ASWÂN	360	5	50	03	2	5	As	11.8	25	17	-2
Oases	417	SÎWA	250	14	12	03	0	3	Cu	13.5	22	17	-4
	420	BAHARÎYA	270	5	35	03	0	0	—	15.0	22	50	11
	423	FARAFRA											
	432	DAKHLA	320	11	50	00	0	0	—	15.1	21	26	1
	435	KHARGA											
Red Sea	450	SUEZ	130	3	50	03	0	3	Cu	12.8	22	36	6
	459	TOR	20	13	50	02	0	0	—	11.9	24	24	2
	462	HURGHADA											
	465	QUSEIR	360	13	15	01	1	0	—	12.8	22	57	13
	641	PORT SUDAN	50	13	30	03	4	1	Cu	6.7	29	74	24
North Sudan	600	WÂDI HALFA	360	19	50	02	2	7	CS	12.5	27	12	-5
	640	ABU HAMAD	360	14	7	07	0	0	—		32	11	-1
	660	KAREIMA	340	17	30	02	0	0	—	7.5	35	15	5
	680	'ATBARA	300	4	30	02	2	0	—	4.7	38	6	-5
	721	KHARTÛM	280	8	30	02	2	2	Ci	4.0	39	7	-4
	730	KASSALA	340	3	30	03	1	5	CS	999.7	43	8	2
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	330	7	30	02	1	0	—	2.5	38	11	3
	760	EL FÂSHER											
	770	GENEINA	30	4	30	02	2	8	Ac, CS		34	12	1
S. Sudan	840	MALAKÂL	180	3	30	03	2	7	Cu, AC	2.5	40	17	11
	880	WÂU	290	5	30	03	1	5	Cu	3.2	38	25	15
	941	JUBA	180	2	30	02	1	5	Cu, AC	3.5	35	35	17

At 1800 on Saturday 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.	Rain Past 12 hrs mms.
Mediterranean	62300	SALÛM	220	9	15	13	6	8	As	6.0	14	77	10	1
	303	SÎDI BARÂNI	220	6	12	60	6	8	As	6.0	13	77	9	1
	306	MATRÛH	150	8	10	60	6	8	Sc, Cu	9.1	18	40	4	dr.
	309	EL DABA	00	0	7	03	2	6	Cu, Sc		16	49	5	0
		ALEXANDRIA	130	11	35	00	0	3	AC	12.2	16	49	5	5
	318	FOUAD (Airport)												
	330	DAMIETTA	320	2	7	00	0	0	—	14.2	15	77	11	0
	333	PORT SA'ID	30	7	14	02	0	0	—	13.4	15	77	11	0
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR	360	9	15	02	1	0	—	12.3	15	68	9	0
	342	MANSURA	20	5		00	1	0	—	13.5	15	59	7	dr.
	348	TANTA	310	5	35	01	2	3	Cu	13.3	14	48	3	0
	354	ZAGAZIG	00	0	35	02	1	0	—	13.9	15	59	7	0
	441	ISMA'ILIA												
Cairo Area	366	FAROUK (Airport)												
	372	ALMAZA												
		EZBEKIYA	00	0	12	00	0	0	—	13.1	16	45	4	0
		GIZA	00	0	12	00	0	0	—	14.0	15	52	5	0
	378	HELWÂN	20	7	15	01	1	0	—	13.9	16	32	-1	0
Upper Egypt	381	FAIYÛM	00	0	35	01	0	0	—	13.6	17	42	4	0
	387	MINYA	00	0	8	00	1	0	—	13.8	15	45	3	0
	393	ASYÛT MANQABÂD	220	3	10	00	0	0	—	13.8	17	46	5	0
	399	NAG' HAMMÂDI	00	0	7	00	0	0	—	14.0	16	59	8	0
	402	QENA	290	1	7	00	0	0	—	14.0	17	42	4	0
	405	LUXOR												
	414	ASWÂN	00	0	15	00	0	0	—	12.7	20	24	-1	0
Oases	417	SÎWA	280	15	8	03	2	7	AC	11.5	17	68	11	0
	420	BAHARÎYA	00	0	15	02	0	0	—	14.2	15	59	7	0
	423	FARAFRA	220	1	15	02	0	0	—	15.0	15	59	7	0
	432	DAKHLA	340	8	35	00	0	0	—	16.7	17	26	-3	0
	435	KHARGA	360	1	15	00	0	0	—	16.3	19	16	-8	0
Red Sea	450	SUEZ	40	8	35	01	0	0	—	14.4	16	68	10	0
	459	TOR	310	13		02	0	0	—	12.7	21	57	12	0
	462	HURGHADA												
	465	QUSEIR	330	2	15	02	0	0	—	13.0	20	56	11	0
	641	PORT SUDAN												
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 0600 on Sunday 23rd March, 1952

Station	Wind 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	13	15	50	5	6	NS	6.8	-9.0	14	21	-1	11	0	77	10	2	Rain	
SÎDI BARÂNI	240	12	15	61	5	7	SC, AS	6.1		12	21		10		77	8	2	115	
MATRÛH	210	16	18	03	2	7	AC	7.6	-8.6	13	22		10		82	10	0.6	131	
EL DABA	200	2	15	01	1	3	Cu			14	22		11		77	10	0	214	
ALEXANDRIA	220	26	50	03	2	5	Cu, Sc	9.5	-6.1	15	20	-2	12	-1	59	7	5	165	178
FOUAD (Airport)	220	15	18	01	1	4	Sc, AC	9.4	-7.0	15			12	+1	55	6	Rain	Rain	136
DAMIETTA	40?	5		50	5	8	Cu, Sc	11.1	-4.4	13	19	-1	12	+1	77	9	dr.	163	99
PORT SA'ID	190	16	15	03	2	8		11.1	-5.1	14	20	0	12	-2	67	8	2	91	
EL 'ARISH																			
DAMANHUR	230	9	7	02	1	7	Cu	10.3	-5.5	17	20	-4	12	+2	52	7	0	83	91
MANSURA	180	9	15	03	2	8	SC	11.1	-4.6	12	22	-2	10	0	77	8	dr.	56	46
TANTA	180	8	35	03	2	6	Cu	11.1	-5.1	14	23	-2	10	+1	48	3	0	64	34
ZAGAZIG	00	0	35	02	2	8	St	11.6	-4.2	13	22	-3	8	-1	59	5	0	30	24
ISMA'ILIA																			
FAROUK (Airport)	200	18	12	03	2	7	AC	12.5		16			12		39	2	0	83	
ALMAZA	180	13	14	03	2	7	AC	12.1	-4.4	15	21		13	+2	39	1	0	71	
EZBEKIYA			12	02	5	7	SC, Cu	11.8	-4.1	14	22	-3	12	+1	55	5	dr.	60	22
GIZA			12	02	5	7	SC, Cu	12.0	-4.3	14	23	-2	9	0	48	3	dr.	58	21
HELWÂN	200	11	15	20	5	7	SC, AS	12.7	-3.1	13	20	-5	11	-1	44	1	dr.	59	23
FAIYÛM	330	4	35	03	2	8	AS	13.3	-2.8	15	23	-3	10	0	48	4	0	23	7
MINYA	170	6	8	03	2	7	AC	13.5	-3.6	12	23	-3	7	-1	51	2	0	5	
ASYÛT MANQABÂD	160	3	12	00	0	3	AC	14.1	-1.5	18	22	-4	10	0	26	-2	0	3	
NAG' HAMMÂDI	00	0	7	00	0	0	—	15.5	+0.5	14			7	-3	48	3	0	0.1	
QENA	00	0	15	00	0	0	—	15.2	+0.7	15	28	-4	12	-1	48	4	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	13.1	-1.1	21	26	-6	12	-4	33	4	0	dr.	
SÎWA	270	12	12	03	2	6	Cu, Sc	12.6	-4.8	13	23	-3	12	+3	82	10	1	26	7
BAHARÎYA	240	5	35	02	0	0	—	12.7	-3.8	17	23	-3	12	+2	52	7	0	1	7
FARAFRA	180	1	15	02	2	2	Cu	13.5		15	23		7		59	7	0	Rain	
DAKHLA	340	8	50	00	0	0	—	16.3	+0.5	10	23	-6	5	-6	38	-4	0	dr.	
KHARGA	00	0	15	00	0	0	—	14.8	-0.4	13	24	-6	6	-6	44	1	0	dr.	
SUEZ	130	5	50	00	0	6	As	12.2	-3.6	16	24	-1	11	-2	59	8	0	44	14
TOR	310	5	35	02	0	0	—	12.3	-1.8	19	26	+1	10	-4	37	4	0	1	13
HURGHADA																			
QUSEIR	270	5	15	02	0	0	—	15.1	+1.4	19	23	-3	14	-3	46	7	0	dr.	4
PORT SUDAN	340	8	30	02	2	7	Cu, Ac	11.9		23	29		21		61	15	0	211	95
WÂDI HALFA	350	2	50	02	0	1	AC	16.2		15	27		10		27	-4	0	dr.	
ABU HAMAD	360	6	30	01	2	4	Ac, Ci			21	33		18		16	-6	0		
KAREIMA																			1
'ATBARA	360	14	10	07	2	7	AC	10.7		24	39		21		18	-2	0	0	2
KHARTÛM	350	12	30	03	1	7	AC	10.7		25	39		22		18	-1	0	0.6	4
KASSALA	90	4	30	02	0	0	—			30	44		19		38	14	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID	20	15	30	01		4										-4			16
EL FÂSHER											36		20			5	0	13	6
GENEINA	40	5	30	02	2	8	CS			21	37		19		21	-2	0		4
MALAKÂL																			92
WÂU																			166
JUBA																			183

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	70	+5
Ezbekiya	49	-10
Gîza	52	-10
Helwân	44	-1

GIZA GRASS MINIMUM TEMP. ON 23rd 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

Pressure mbs.	Farouk Airport On ..... At ..... Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Airport On ..... At ..... Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Airport On ..... At ..... 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.	Sûwa Dir.	Sûwa Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		20		20	
300	230	14	150	8	20	6
600	230	11	150	3	20	5
1000	240	13	200	3	30	5
1500	240	19	220	2	90	2
2000	250	25			70	3
3000	270	45				
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.	Almaza Dir.	Almaza Vel.
Time	8		5				2						2				8		8				8	
300	330	18	260	23			150	7									250	3	20	6			200	14
600	330	20	260	23			160	7					120	11			280	4	360	8			210	30
1000	300	23	260	23			160	5					140	12			260	5	330	13			220	16
1500	310	22	250	23			200	3					140	1			300	15	300	22			240	4
2000			240	17			210	3									290	16						
3000																	280	20						
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	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		4		4				4									
300							190	10	360	9														
600							200	13	10	17	360	25			360	18								
1000							230	15	360	14	20	16			360	28								
1500							280	28	340	15	310	18			360	27								
2000							290	25							260	17								
3000									300	18	240	32												
4000											240	33												
5000									270	34														
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.

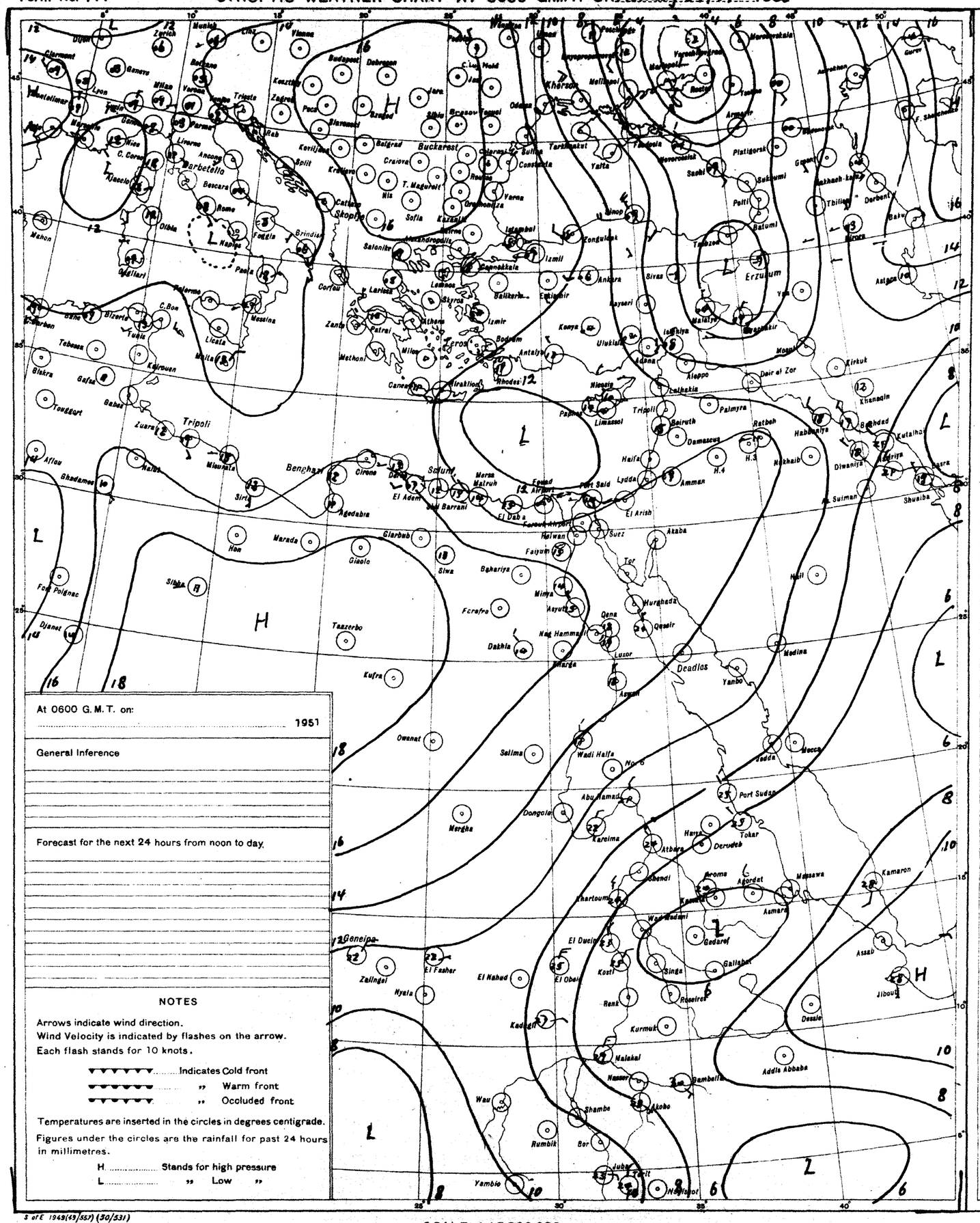
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 24/3/ 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 53 G. M. T.
" " Sunset 16 09 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 25th March, 1951

At 1200 on Monday 24th / At 1800 on Monday 24th

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	360	9	35	02	1	4	Cu,Sc	15.2	17	60	9												
	308	SÎDI BARÂNI																							
	306	MATRÛḤ	290	13		01	1	3	Cu	15.3	17	56	8	300	8	10	00	1	0	—	16.6	14	67	8	0
	309	EL ḌAB'A	270	14	35	01	1	2	Cu		18	60	10	320	9	7	00	0	0	—		15	77	11	0
		ALEXANDRIA	310	22	50	03	2	5	Cb	13.6	18	73	13	310	16	35	02	5	4	Cu	15.6	15	59	7	dr.
	318	FOUAD (Airport)																							
	330	DAMIETTA	320	2	15	03	5	6	Cu	15.0	18	73	13	340	2		02	6	6	Cu	15.1	15	88	13	2
	333	PORT SA'ÎD	20	4	30	02	5	2	Cu,Sc	12.2	19	64	12	120	2	14	01	5	0	—	13.8	16	77	12	1
	336	EL 'ARISH																							
Lower Egypt	339	DAMANHUR	310	9	15	02	1	3	Cu	13.3	19	52	9	310	5	7	02	1	2	Cu	14.4	13	77	9	0
	342	MANṢURA	270	9	15	03	2	7	Sc.	13.3	20	56	11	360	5		00	6	0	—	14.3	15	77	11	4
	348	ṬANṬA	00	0	35	03	2	8	Ns	13.4	19	64	12	00	0	35	02	2	0	—	15.1	13	77	9	0
	354	ZAGAZIG	220	2	50	01	2	4	Cu	14.2	21	57	12	00	0	35	02	0	0	—	14.2	16	77	12	0
	441	ISMA'ILÎA																							
Cairo Area	366	FAROUK (Airport)																							
	372	ALMÂZA	290	12	30	03	2	7	Sc	13.4	20	56	11	340	10	12	00	0	0	—	14.4	17	68	11	0
		EZBEKÎYA	320	3	18	02	1	7	Cu	13.0	22	41	8	360	2	12	00	0	0	—	14.3	17	60	9	0
		GÎZA	320	3	18	02	1	7	Cu	13.4	21	41	7	360	2	12	00	0	0	—	15.1	16	68	10	0
	378	ḤELWÂN	00	0	35	02	2	7	Cu	13.5	21	41	7	340	14	15	01	2	1	Sc,Cu	14.7	17	52	7	0
Upper Egypt	381	FAIYÛM	290	6	35	03	1	4	St	14.7	22	44	9	360	2	35	01	1	0	—	14.8	17	60	9	0
	387	MINYA	300	11	12	02	1	4	Cu	14.5	24	26	3	340	5	8	00	1	1	Cu	14.8	18	46	6	0
	393	ASYÛṬ MANQABÂD	340	8	30	01	1	1	Cu	13.9	24	38	9	300	4	10	00	0	0	—	14.5	18	49	7	0
	399	NAG' ḤAMMÂDI	00	0	15	01	1	3	St,As	14.2	25	34	8	00	0	7	00	0	0	—	13.1	18	60	10	0
	402	QENA	320	1	50	00	0	0	—	12.3	27	27	6	230	1	7	00	0	0	—	13.0	18	52	8	0
	405	LUXOR																							
	414	ASWÂN	360	5	50	00	0	0	—	12.4	24	26	3	360	5	15	00	0	0	—	11.6	20	33	3	0
Oases	417	SÎWA	280	5	14	01	0	0	—	16.8	20	35	4	270	3	8	00	0	0	—	16.7	17	49	6	0
	420	BAḤARÎYA	320	2	35	02	0	0	—	15.1	21	57	12												
	423	FARAFRA												360	2	15	02	0	0	—	16.2	16	49	5	0
	432	DAKHLA	340	11	50	00	0	0	—	15.2	22	29	3	320	8	35	00	0	0	—	16.4	17	34	1	0
	435	KHARGA	00	0	15	01	1	1	As	14.8	23	38	8	00	0	15	00	0	0	—	16.0	18	28	-1	0
Red Sea	450	SUEZ	180	2	50	03	0	5	Cu,Ci		21	50	10	360	2	35	01	0	1	Cu	13.1	17	60	9	0
	459	ṬÔR																							
	462	HURGHÂDA																							
	465	QUSEIR	20	13	15	02	0	0	—	12.4	22	57	13	360	2	15	02	0	0	—	12.2	20	64	13	0
	641	PORT SÛDÂN	20	16	30	01	1	1	Ac	11.1	26	55	16												
North Sûdân	600	WÂDI HALFA	330	15	30	05	0	0	—				-4												
	640	ABU ḤAMAD	360	7	30	01	1	4	Ac		31	8	-7												
	660	KAREIMA	360	15	30	01	1	2	Ac	9.4	31	7	-9												
	680	'AṬBARA	350	13	10	07	2	1	Ac,Cs	5.3	33	6	-10												
	721	KHARṬÛM	10	14	30	01	0	1	Ci	5.3	33	6	-9												
	730	KASSALA	360	5	30	03	0	2	Ci	0.5	37	24	13												
Central Sûdân	751	WÂD MEDANI																							
	801	RENK	310	9	35	02	0	6	Ci		37	10	0												
	802	ROSEIRES																							
	771	EL OBEID	40	10	30	02	0	1	Ci	5.1	32	4	-16												
	760	EL FÂSHER	20	7	30	02	1	0	—		33	12	0												
	770	GENEINA	30	3	30	02	2	8	Ac,Cs		33	10	-3												
S. Sûdân	840	MALAKÂL	20	11	30	03	2	7	Ac,Cs	2.6	37	8	-3												
	880	WÂU																							
	941	JUBA	310	7	30	01	6	7	Ac	5.7			20												

At 0600 on Tuesday 25th March, 1952

Wind 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.	Station
																			SALUM
																			SÎDI BARÂNI
										18									MATRÛḤ
		15	00	0	0	—			14	18		8		77	10	0	214		EL ḌAB'A
										19	-3							179	ALEXANDRIA
40	5	18	02	1	4	Sc	15.7	-0.6	17			11	-1	68	11	0.2	Rain	136	FOUAD (Airport)
20	5	15	01	1	1	Cu	16.1	+0.8	16	20	0	10	-2	77	12	2	171	99	DAMIETTA
50	6	14	02	0	2	Sc	16.1	-0.1	18	20	0	14	0	73	13	1	92		PORT SA'ÎD
																			EL 'ARISH
240	5		02	1		Cu	16.4	+0.8	14	20	-4	10	0	88	12	0	87	92	DAMANHÛR
360	5	35	00	0	1	Cu	16.6	+0.9	15	21	-3	11	+1	88	13	4	62	47	MANṢÛRA
00	0	35	02	0	0	—	16.4	+0.4	13	23	-2	7	-2	97	13	0	64	34	ṬANṬA
00	0	3	45	4	8	St	16.8	+1.1	11	22	-3	9	0	97	11	0	30	24	ZAGÂZIG
																			ISMAÎLÎA
																			FAROUK (Airport)
										22	-2								ALMÂZA
360	2	12	02	1	3	Cu	16.4	+0.6	15	25	-1	12	+1	77	11	0	61	22	EZBEKÎYA
360	2	12	02	1	3	Cu	16.6	+0.4	16	24	-1	10	+1	77	12	0	58	21	GÎZA
00	0	7	02	2	7	St	17.1	+1.5	14	23	-2	11	-1	88	12	0	59	23	ḤELWÂN
00	0	35	03	0	1	Cu,Sc			15	23	-3	10	-1	77	11	0	23	7	FAIYÛM
360	6	10	00	0	0	—	16.9	-0.1	14	25	-1	9	0	77	10	0	5		MINYA
320	4	12	00	0	0	—	16.[illegible]	+1.1	14	2[illegible]	-2	10	0	82	11	0	3		ASYÛṬ MANQABÂD
										28	0								NAG' ḤAMMÂDI
										28	-4								QENA
																			LUXOR
360	6	50	00	0	0	—	15.2	+1.2	18	25	-7	13	-3	28	-1	0	dr.		ASWÂN
90	4	14	00	0	0	—	17.9	+0.7	13	22	-4	8	-1	67	7	0	26	7	SÎWA
																		7	BAḤARÎYA
00	0	15	02	0	0	—	18.0		12	23		5		63	5	0	Rain		FARAFRA
270	8	50	00	0	0	—	16.5	-0.9	15	24	-6	11	0	48	4	0	dr.		DAKHLA
00	0	35	00	0	0	—	16.4	+1.4	16	24	-6	9	-3	42	3	0	dr.		KHARGA
310	2	50	00	0	0	—	15.9	+0.2	15	23	-2	10	-3	77	11	0	44	14	SUEZ
																		13	ṬÔR
																			HURGHADA
360	13	15	02	0	0	—	14.0	+0.5	20	23	-3	16	-1	64	13	0	dr.	4	QUSEIR
																		95	PORT SÛDÂN
310	1	50	02	2	0	—	15.6		15	28		11		42	2	0	dr.		WÂDI HALFA
360	9	30	02	0	0	—			20	31		16		26	0	dr.			ABU ḤAMAD
																		1	KAREIMA
																		2	'ATBARA
																		4	KHARTÛM
20	7	50	01	1	2	Ac,Ci	6.6		26	37		19		35	9	0	49	8	KASSALA
360	13	15	02	0	2	Ci	8.7		24	37		15		13	-7	0	20	12	WÂD MEDANI
360	9	35	02	0	2	Ci			26	38		18		16	-2	0		49	RENK
310	3	35	02	0	2	Ci	7.5		26	39		20		10	-8	0	92	38	ROSEIRES
10	8	30	03	0	1	Ci	10.7		21	33		18		16	-6	0	15	16	EL OBEID
20	8	30	01	0	7	Cs			21	35		17		23	-1	0	13	6	EL FÂSHER
40	10	30	01	2	7	Ac,Cs			22	34		21		17	-4	0		4	GENEINA
																		92	MALAKÂL
110	1	10	03	0	1	Ac	6.9		26	39		24		58	17	0	166	168	WÂU
																		185	JUBA

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria		
Ezbekîya	63	+4
Gîza	62	+1
Helwân		

GÎZA
GRASS MINIMUM TEMP.
ON 25th 8.0 °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 / .... AIRPORT / .... AIRPORT
On .... At ....

Pressure 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	Siwa		Port Said		Almaza		Minya		Asyut		Dakhla		Kharga												Minya	
Time	14		14		14		15		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	9	330	3	310	17	330	12	330	16	330	9	340	16											330	22
600	280	10	270	3	300	23	330	9	320	6	340	8	340	21											330	19
1000	290	14	240	8	300	27	320	5	320	20	360	10	340	23											330	19
1500	300	16	250	12	280	30	300	12	300	16	340	8	340	18											320	17
2000	320	17	270	11	270	13			290	25																
3000	300	23							280	29																
4000	310	23																								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Station	SÎDI BARÂNI		MATRÛḤ		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		ḤELWÂN		MINYA		ASYÛṬ MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time							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							280	11			330	6	10	19										
600							280	10			10	6	360	17										
1000							290	9			30	7	340	16										
1500							280	9					320	11										
2000							310	14																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAḤARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARṬÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time									4		4		5		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									30	11														
600									40	4	10		30	21	10	21							20	37
1000									30	25	10	11	30	14	20	17			20	29	40	12	20	50
1500									10	25	330	8	10	11	10	15			40	17	40	22	40	25
2000											290	7			340	16			350	13	330	6	30	9
3000											260	30			290	15			340	6	280	8	50	9
4000															280	10			230	4			90	13
5000																					270	7		
6000																					250	11		
7000																								
8000																								

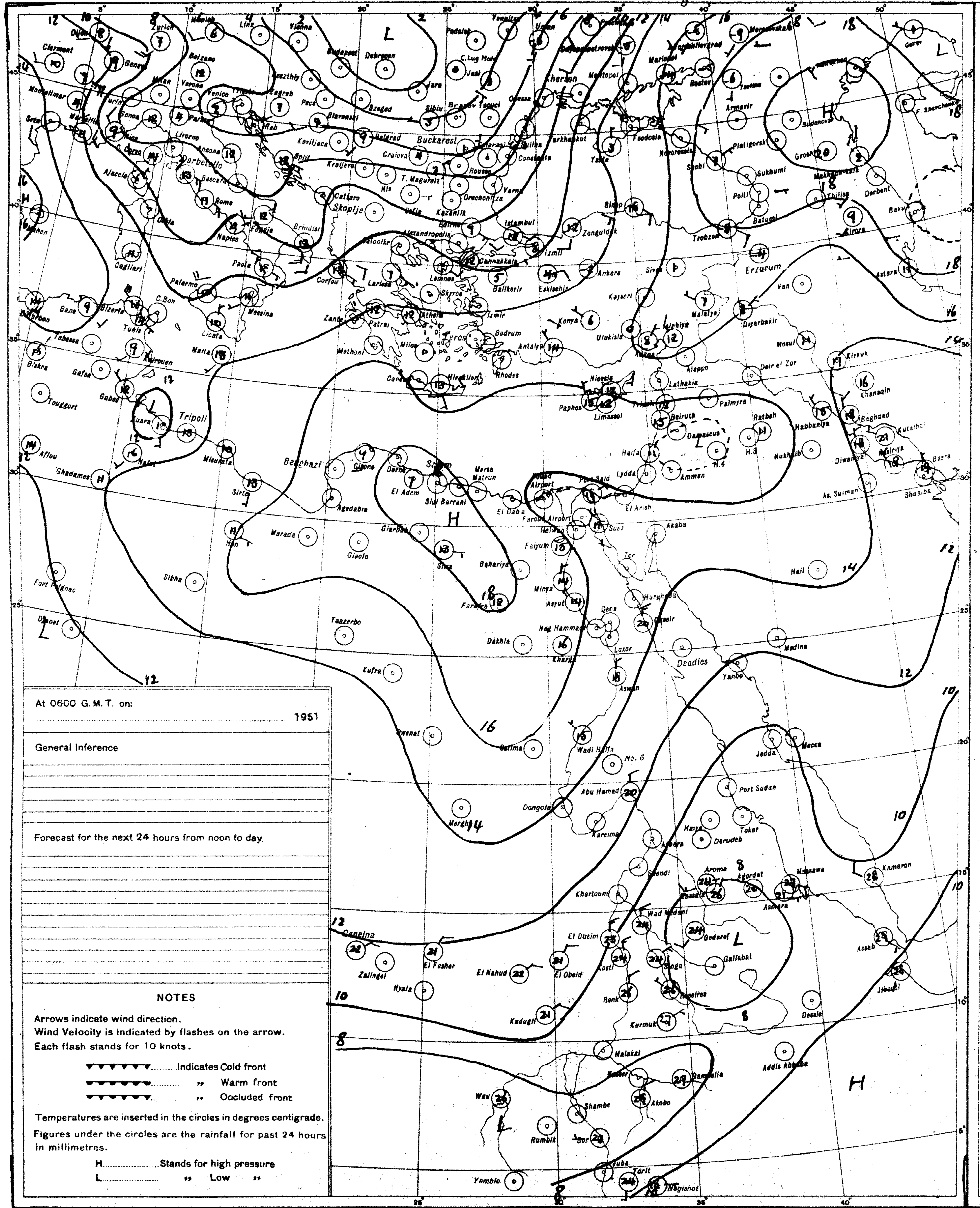
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 25/3/1951



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 ,,

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

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 52 G.M.T.
" " Sunset 16 10 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 26th March, 1951

At 1200 on Tuesday 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	SÎDI BARÂNI											
	306	MATRŪH											
	309	EL DAB'A	40	3	35	00	0	0	—		19	64	12
		ALEXANDRIA											
	318	FOUAD (Airport)	340	12	18	02	0	2	Cu	16.7	19	56	10
	330	DAMIETTA											
	333	PORT SA'ÎD											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR											
	342	MANŞURA	140	5	35	03	2	4	Cu	16.4	21	57	12
	348	TANTA											
	354	ZAGAZIG											
	441	ISMA'ÎLÎA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMÂZA	20	8	30	02	2	5	SC	15.6	21	50	10
		EZBEKÎYA	320	2	18	02	1	4	Cu	15.5	22	44	9
		GÎZA	320	2	18	02	1	4	Cu	15.5	21	41	7
	378	HELWÂN											
UPPER EGYPT	381	FAIYŪM											
	387	MINYA											
	393	ASYŪT MANQABÂD											
	399	NAG' HAMMÂDI											
	402	QENA											
	405	LUXOR											
	414	ASWÂN											
OASES	417	SÎWA	200	5	14	00	0	0	—	17.1	23	29	4
	420	BAHARÎYA											
	423	FARAFRA											
	432	DAKHLA											
	435	KHARGA											
RED SEA	450	SUEZ											
	459	ṬÛR											
	462	HURGHADA											
	465	QUSEIR											
	641	PORT SUDÂN	20	18	10	07	1	1	Cu	9.7	27	27	6
NORTH SUDAN	600	WÂDI HALFA	360	15	50	02	0	0	—	11.6	27	13	-4
	640	ABU HAMAD	360	7	30	01	0	1	Ci		30	9	-6
	660	KAREIMA	20	13	30	01	1	2	Ci	9.7	29	9	-7
	680	'ATBARA	360	13	10	07	1	2	Cs	5.8	32	10	-3
	721	KHARTŪM	350	15	30	03	1	6		5.8	32	9	-5
	730	KASSALA											
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK	360	5	35	02	0	1	Ci		37	13	4
	802	ROSEIRES	310	2	35	02	1	0	—		38	25	15
	771	EL OBEID	340	15	30	01	1	1	Ci	5.4	31	9	-6
	760	EL FÂSHER	20	6	30	01	2	4	Ci		32	13	0
	770	GENEINA	40	1	30	02	2	8	Ac, Cs		34	12	1
S. SUDAN	840	MALAKÂL	310	9	15	02	1	2	Cu	0.6	40	17	11
	880	WÂU	50	5	30	02	0	1	Ac	1.8	38	14	6
	941	JUBA	90	7	30	03	0	7	Ac, Cs	2.7	35	25	12

At 1800 on Tuesday 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
SALŪM	70	5	15	00	0	0	—	15.4	16	77	12	0
SÎDI BARÂNI	110	5	18	00	0	0	—	15.4	15	68	9	0
MATRŪH	80	3	14	00	0	0	—	17.0	14	67	8	0
EL DAB'A												
ALEXANDRIA	360	11	35	00	0	0	—	17.8	16	68	10	0
FOUAD (Airport)	20	4	12	02	0	0	—	17.3	14	77	10	0
DAMIETTA	20	2	7	00	0	0	—		16	77	12	0
PORT SA'ÎD	70	11	18	02	0	0	—	17.0	16	72	11	0
EL 'ARISH												
DAMANHUR	40	5	7	02	1	1	Cu	17.1	15	77	11	0
MANŞURA	20	5		00	1	0	—	17.2	16	77	12	0
TANTA	90	2	35	02	1	0	—	17.1	17	60	9	0
ZAGAZIG	40	1	35	02	1	0	—	17.0	17	77	13	0
ISMA'ÎLÎA												
FAROUK (Airport)												
ALMÂZA	20	8	12	00	0	0	—	16.1	19	46	7	0
EZBEKÎYA	00	0	12	00	0	0	—	15.8	18	56	9	0
GÎZA	00	0	12	00	0	0	—	16.2	18	52	8	0
HELWÂN												
FAIYŪM	360	2	35	01	0	0	—	16.6	18	52	8	0
MINYA	00	0	8	00	0	0	—	15.1	15	59	7	0
ASYŪT MANQABÂD	310	3	10	00	0	0	—	15.2	17	56	8	0
NAG' HAMMÂDI	320	1	7	00	0	0	—	14.7	20	41	6	0
QENA	20	2	7	00	0	0	—	13.1	22	36	6	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	12.4	21	26	1	0
SÎWA	00	0	8	00	0	0	—	16.7	18	46	6	0
BAHARÎYA	00	0	15	02	0	0	—	16.3	18	52	8	0
FARAFRA	00	0	15	02	0	0	—	16.7	18	52	8	0
DAKHLA	320	8	35	00	0	0	—	16.4	18	20	-5	0
KHARGA	00	0	15	00	0	0	—	15.6	18	28	-1	0
SUEZ	360	3	35	01	0	0	—	15.5	18	60	10	0
ṬÛR												
HURGHADA												
QUSEIR	330	2	15	02	0	0	—	13.9	21	57	12	0
PORT SUDÂN	350		30	01	0	0	—	2.3	23	64	17	0
WÂDI HALFA												
ABU HAMAD												
KAREIMA	340	10	30	01	0	0	—	9.8	25	13	-6	0
'ATBARA	340		30	01	0	0	—	7.3	26	15	-3	0
KHARTŪM	350	8	30	02	0	0	—	6.6	28	12	-4	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	40	5	30	01	0	0	—		28	19	2	0
GENEINA	20	7	30	02	0	2	Ci		27	11	-6	0
MALAKÂL		6	30	01	1	0	—	3.1	30	19	4	0
WÂU	360	1	30	01	0	1		2.0	32	16	3	0
JUBA	90	2	30	02	2	6	Ac, Cs					

At 0600 on Wednesday 26th March, 1952

Station	Wind 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	5	15	00	0	0	—	14.7	-1.0	17	18	-4	13	+1	42	4	0	Rain	
SÎDI BARÂNI	190	11	18	00	0	0	—	14.3		15	18		10		59	7	0	115	
MATRŪH	170	12	18	00	0	0	—	14.0	-2.0	15	18		10		63	8	0	132	
EL DAB'A	00	0	15	00	0	0	—			13			7		77	9	0	214	
ALEXANDRIA	130	8	35	04	0	0	—	17.5	+2.1	14	20	-2	13	-1	88	12	0	166	179
FOUAD (Airport)	140	7	18	02	0	0	—	17.3	+1.0	15	20	-1	11	-1	72	10	0	Rain	136
DAMIETTA	110	2	15	03	0	1	AC	17.9	+2.6	17	20	-1	14	+2	77	13	0	171	100
PORT SA'ÎD	130	12	12	02	0	1	SC	17.0	+0.8	17	20	0	14	0	68	11	0	92	
EL 'ARISH	90	2	18	01	0	0	—	17.0	+1.6	15			8		68	9	0	101	
DAMANHUR	180	9	7	02	0	0	—	17.1	+1.5	15	22	-2	11	0	77	11	0	87	92
MANŞURA	90	9	35	00	0	0	—	17.6	+2.0	16	24	0	10	0	77	12	0	62	47
TANTA	180	2	35	02	0	0	—	17.0	+1.1	16	23	-2	9	0	77	12	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	17.2	+1.6	15	23	-2	8	-2	77	11	0	30	24
ISMA'ÎLÎA																			
FAROUK (Airport)	90	7	12	00	0	0	—	16.4		17			11		60	9	0	83	
ALMÂZA	40	5	18	00	0	0	—	16.2	-0.3	16	23	-1	12	0	59	8	0	71	
EZBEKÎYA	00	0	12	00	0	0	—	16.4	+0.7	15	24	-2	11	0	68	9	0	61	22
GÎZA	00	0	12	00	0	0	—	16.7	+0.6	15	24	-2	8	-1	77	11	0	58	21
HELWÂN																			24
FAIYŪM	00	0	35	02	0	0	—	16.8	+0.9	17	24	-3	11	0	60	9	0	23	7
MINYA	350	5	10	00	0	0	—	15.9	-1.1	15	23	-3	8	-1	63	8	0	5	
ASYŪT MANQABÂD	280	3	12	00	0	0	—	16.3	+1.0	15	24	-3	11	+1	72	10	0	3	
NAG' HAMMÂDI	00	0	7	00	0	0	—	15.9	+1.2	16	27	-1	10	0	59	8	0	0.1	
QENA	00	0	15	00	0	0	—	15.5	+1.2	17	29	-3	10	-3	52	7	0	2	
LUXOR	00	0	30	00	0	0	—	14.2	-0.3	19			10		32	2	0	dr.	
ASWÂN	360	7	50	00	0	0	—	14.3	+0.3	17	27	-5	13	-3	42	4	0	dr.	
SÎWA	00	0	14	00	0	0	—	16.6	-0.5	16	25	-1	9	0	45	4	0	26	7
BAHARÎYA	00	0	35	02	0	0	—	16.7	+0.3	20	24	-3	8	-2	64	13	0	1	7
FARAFRA	240	2	35	02	0	0	—	17.0		13	25		6		55	4	0	Rain	
DAKHLA	00	0	50	00	0	0	—	15.2	-0.3	15	26	-4	9	-2	39	1	0	dr.	
KHARGA	00	0	15	00	0	0	—	15.5	+0.5	15	25	-5	8	-5	48	4	0	dr.	
SUEZ	360	1	50	00	0	0	—	15.9	+0.3	16	23	-2	11	-2	59	8	0	44	14
ṬÛR																			13
HURGHADA	320	8	30	02	0	0	—	14.9	-0.1	19			12	-1	37	4	0	0	
QUSEIR	330	5	15	02	0	0	—	14.0	+0.5	22	23	-3	16	2	44	9	0	dr.	4
PORT SUDÂN	320	14	30	01	2	1	Cu, Ci	11.3		23	29		18		61	15	0	211	95
WÂDI HALFA	10	6	50	02	0	0	—	14.3		17	28		11		30	-1	0	dr.	
ABU HAMAD	360	11	30	02	0	0	—			21	31		14		20	-3	0		
KAREIMA											31								1
'ATBARA											32								2
KHARTŪM											34								4
KASSALA																			8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID	360	12	30	02	0	1	Ci	9.8		22	33		18		11	-10	0	15	16
EL FÂSHER	00	0	30	03	0	5	Ac			17	34		14		32	0	0	13	6
GENEINA											35								4
MALAKÂL																			92
WÂU																			169
JUBA	180	3	30	03	2	6	Ac, Cs	7.1		26	36		23		66	19	0	247	186

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	68	+3
Ezbekiya	61	+2
Gîza	64	+3
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 26th 7.0 °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 25th

Station	Matruh		Port Said		Fouad A.P.		Almaza		Minya		Asyut		Siwa		Dakhla		S. Barani								Minya		Port Said	
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.	Dir.	Vel.
300	60	7	50	9	100	10	20	14	360	14	320	10	110	8	10	9	310	7							10	5	80	8
600	140	4	40	3	10	6	20	11	10	16	330	12	110	7	360	11	280	9							10	8	80	7
1000	250	10	300	3	220	3	360	1	350	18	340	10	150	4	360	6	210	7							20	7	80	8
1500	260	7	280	4	200	9	30	16	340	27	350	6	200	4	360	10	270	10							10	17	100	5
2000	300	6	20	9	270	3	70	8			330	6	210	8			270	8										
3000	290	10			320	10	10	6			340	17	110	3			300	11										
4000	310	5					330	15			340	22	310	11			300	10										
5000													320	14			290	17										
6000													270	17			280	23										
7000																												
8000																												

UPPER WIND OBSERVATIONS on 26th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		4				1						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	210	17	350	9			100	9					40	16	30	3			360	9			50	22
600	220	10	360	5			100	9					40	17	60	7			50	16			60	13
1000	240	4	300	4			110	10					40	16	40	12			50	11			50	25
1500	270	3	360	7			100	10					30	19	200	3			80	9			50	13
2000	300	7	270	9									30	17	120	6			350	5			180	11
3000	300	16	280	9											220	4							270	8
4000	280	16													220	5							200	18
5000	280	20													220	23							240	18
6000	260	14																						
7000	260	15																						
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		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	120	20	40	8	40	3	20	14																
600	120	21	30	12	30	7	20	21					30	19										
1000	130	9	30	15	10	10	20	17					40	32					20	31				
1500	240	5	30	23	350	16	100	7					70	18					50	13				
2000	330	15	40	25	310	7	360	3																
3000	330	16					280	6					10	5					350	6				
4000	310	13											290	10										
5000	290	13																						
6000	300	14																						
7000	280	11																						
8000	260	16																						

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.

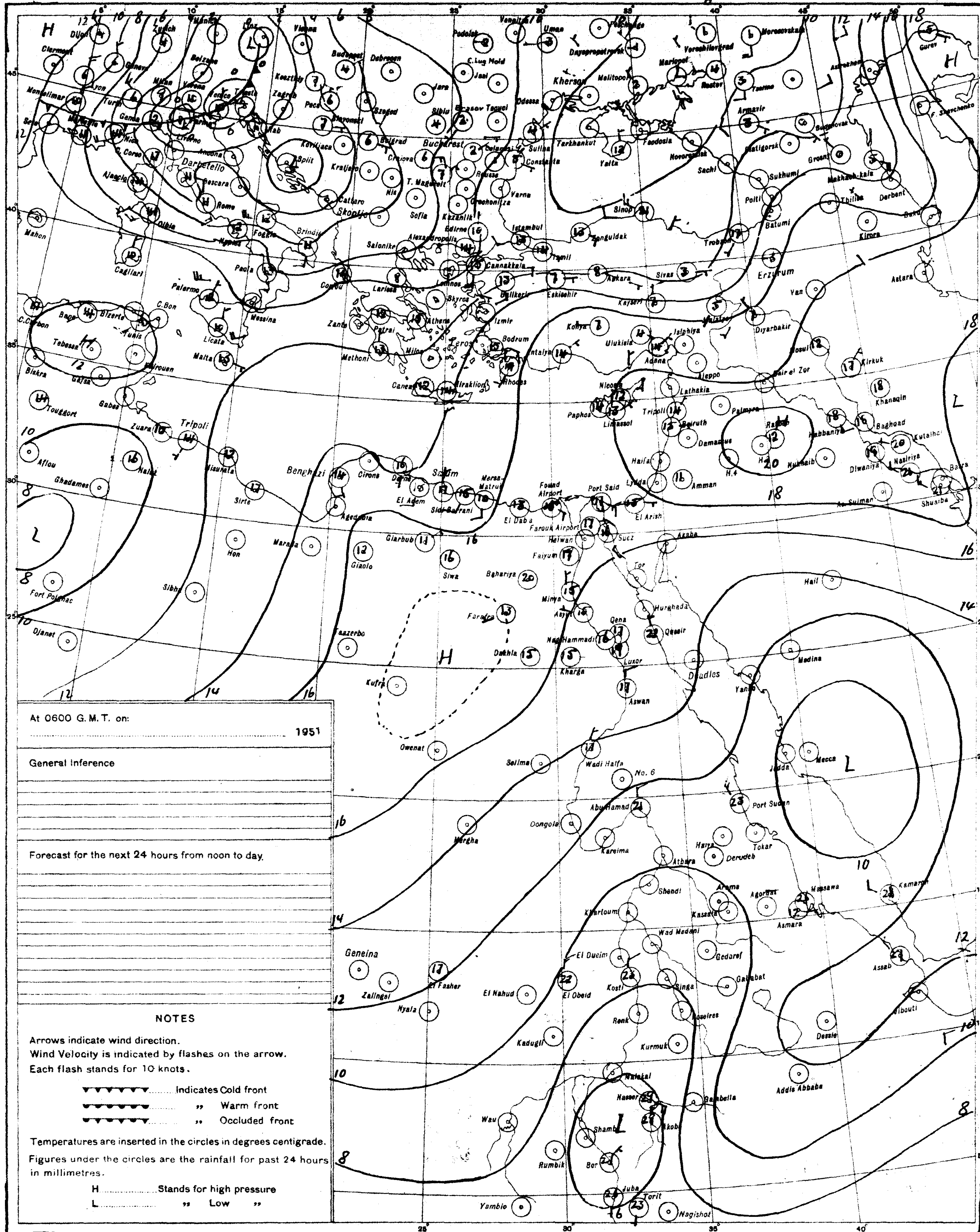
Note: All times are G.M.T.

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 26/3/1952



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

		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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 51 G. M. T.
" " Sunset 16 11 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 27th March, 1951

At 1200 on Wednesday 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											
	303	SÎDI BARÂNI	30	3	30	00	0	0	—	15.5	24	47	12
	306	MATRÛH	10	6	30	00	0	0	—	15.5	27?	25	5
	309	EL DAB'A											
		ALEXANDRIA	40	14			0	0	—	16.1	20	60	12
	318	FOUAD (Airport)											
	330	DAMIETTA											
	333	PORT SA'ÎD	50	10	30	02	0	0	—	156	18	78	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	16.6	23	38	8
	342	MANSURA	40	5	35	00	0	0	—	15.9	24	38	9
	348	TANTA	90	2	35	02	0	0	—	15.9	23	38	8
	354	ZAGAZIG											
	441	ISMAÎLÎA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA											
		EZBEKÎYA	360	2	18	00	0	0	—	14.4	25	28	5
		GÎZA	360	2	18	00	0	0	—	14.3	25	28	5
	378	HELWÂN	360	3	35	02	0	0	—	13.9	25	17	-2
Upper Egypt	381	FAIYÛM											
	387	MINYA	340	3	12	00	0	0	—	13.8	26	25	4
	393	ASYÛT MANQABÂD											
	399	NAG' HAMMÂDI											
	402	QENA	220	1	50	00	0	0	—	11.8	30	21	5
	405	LUXOR											
	414	ASWÂN											
Oases	417	SÎWA											
	420	BAHARÎYA	260	2	35	02	0	0	—	15.5	24	54	14
	423	FARAFRA											
	432	DAKHLA	340	11	50	00	0	0	—	13.9	25	22	2
	435	KHARGA											
Red Sea	450	SUEZ	360	1	50	02	0	0	—	14.0	25	54	15
	459	TÔR	310	24	50	02	0	0	—	13.2	23	61	15
	462	HURGHÂDA											
	465	QUSEIR	360	5	15	02	0	0	—	13.0	24	69	18
	641	PORT SÛDÂN	40	13	30	02	0	1	Ac	9.3	26	58	17
North Sûdân	600	WÂDI HALFA	60	8	50	02	0	1	Ci	10.2	28	23	5
	640	ABU HAMAD	310	2	30	02	0	0	—		32	13	0
	660	KAREIMA											
	680	'ATBARA	10	8	30	02	0	1	Cs	4.7	34	9	-3
	721	KHARTÛM	290	8	30	02	0	0	—	5.3	34	14	3
	730	KASSALA											
Central Sûdân	751	WÂD MEDANI	50	2	35	02	0	0	—	2.4	36	9	-2
	801	RENK	310	5	35	02	0	0	—		38	9	-1
	802	ROSEIRES	310	2	35	02	0	0	—	0.8	39	4	-11
	771	EL OBEID	110	12	50	02	0	0	—		33	5	-11
	760	EL FÂSHER	250	3	30	02	1	2	Ac		32	18	5
	770	GENEINA	220	1	30	02	0	2	Ac		35	11	0
S. Sûdân	840	MALAKÂL		8	30	02	0	0	—	2.1	36	7	-5
	880	WÂU	180	3	30	02	0	2	Ac, Ci	3.1	39	9	0
	941	JUBA	130	5	30	02	2	7	Cu, Ac	2.6	36	27	14

At 1800 on Wednesday 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	00	0	0	—	13.2	20	46	8	0
SÎDI BARÂNI	140	8	18	00	0	0	—	12.9	18	40	4	0
MATRÛH												
EL DAB'A	90	4	7	00	0	0	—		16	77	12	0
ALEXANDRIA												
FOUAD (Airport)												
DAMIETTA												
PORT SA'ÎD												
EL 'ARISH												
DAMANHUR												
MANSURA	40	9		00	0	0	—	16.7	16	77	12	0
TANTA	00	0	35	02	0	0	—	16.7	16	68	10	0
ZAGAZIG												
ISMAÎLÎA												
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	40	4	12	00	0	0	...	15.0	19	52	9	0
GÎZA	40	4	12	00	0	0	—	15.4	19	46	7	0
HELWÂN	360	13	15	02	0	0	—	14.6	19	46	7	0
FAIYÛM												
MINYA												
ASYÛT MANQABÂD												
NAG' HAMMÂDI												
QENA												
LUXOR												
ASWÂN												
SÎWA	00	0	8	00	0	0	—	15.5	19	37	4	0
BAHARÎYA	00	0	15	02	0	0	—	15.0	21	50	10	0
FARAFRA	00	0	15	02	0	0	—	15.1	17	52	7	0
DAKHLA	320	8	35	00	0	0	—	14.7	20	28	1	0
KHARGA	00	0	15	00	0	0	—	13.5	20	24	-1	0
SUEZ												
TÔR	00	0		02	0	0	—	12.7	20	56	11	0
HURGHÂDA	00	0	12	02	0	0	—	11.8	18	68	12	0
QUSEIR												
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 Thursday 27th March 1952

Station	Wind 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.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	19	15	00	0	0	—	13.9	-1.7	19	27	+4	16	+4	30	1	0	Rain	
SÎDI BARÂNI	180	13	30	00	0	0	—	14.5		18	26		13		34	2	0	115	
MATRÛH	140	3	18	00	0	0	—	16.7	+0.7	17			12		56	8	0	132	
EL DAB'A	160	2	15	00	0	0	—			14	25		9		77	10	0	214	
ALEXANDRIA	130	5	35	04	0	0	—	18.2	+2.8	16			13	-1	68	10	0	166	180
FOUAD (Airport)	110	6	18	02	0	0	—	17.3	+1.0	16			11	-1	72	11	0	Rain	137
DAMIETTA	40	5	15	03	1	2	Cu	16.7	+1.5	17			13	+1	72	12	0	171	100
PORT SAÎD	40	10	14	01	0	3	Sc	16.5	+0.3	18			15	+1	73	13	0	92	
EL 'ARISH	360	4	30	02	2	7	Cu, Sc	16.0	+0.7	17			14		68	11	0	101	
DAMANHÛR	130	9		02	0	0	—	17.1	+1.6	15			11	0	77	11	0	87	92
MANSÛRA	40	5	35	00	0	0	—	17.8	+2.2	17	25	0	11	+1	68	11	0	62	47
TANTA	00	0	35	02	0	0	—	17.1	+1.3	14	25	0	8	-1	88	12	0	64	34
ZAGAZIG	00	0	35	03	1	4	Cu	17.5	+1.9	15			7	-3	77	11	0	30	24
ISMAÎLÎA																			
FAROUK (Airport)																			
ALMÂZA																			
EZBEKÎYA	40	2	12	00	0	0	—	17.2	+1.6	13	26	0	10	-1	88	11	0	61	22
GÎZA	40	2	12	00	0	0	—	16.6	+0.6	14	26	0	9	0	77	10	0	58	21
HELWÂN	340	3	7	05	0	0	—	17.0	+1.5	16	26	+1	11	-1	49	5	0	59	24
FAIYÛM	330	4	35	02	0	0	—	17.0	+1.1	14			10	-1	77	10	0	23	7
MINYA	350	6	10	00	0	0	—	16.6	-0.3	15			9	0	63	8	0	5	
ASYÛT MANQABÂD	280	4	10	00	0	0	—	16.4	+1.1	16			12	+2	59	8	0	3	
NAG' HAMMÂDI	00	0	7	02	1	5	Sc, Ac	14.8	+0.2	17			12	+2	68	11	0	0.1	
QENA	290	1	15	03	1	7	Sc, Cu	13.6	-0.7	19			13	0	37	4	0	2	
LUXOR																			
ASWÂN	360	2	50	00	0	0	—	13.6	-0.3	21			16	0	20	-3	0	dr.	
SÎWA	100	2	14	00	0	0	—	17.1	+0.1	16	28	+1	10	+1	42	3	0	26	7
BAHARÎYA	00	0	35	02	0	0	—	17.4	+1.1	18	26	-1	8	-2	52	8	0	1	7
FARAFRA	00	0	35	02	0	0	—	17.8		16	27		8		59	8	0	Rain	
DAKHLA	340	11	50	00	0	0	—	15.4	0.0	17	26	-4	12	0	34	1	0	dr.	
KHARGA	360	1	15	00	0	0	—	14.8	-0.1	19	28	-2	14	+1	37	4	0	dr.	
SUEZ	310	2	50	00	0	0	—	15.2	-0.4	16			12	-1	68	10	0	44	14
TÔR	310	2	35	03	0	0	—	14.0	+0.2	20			13	-1	64	13	0	1	13
HURGHADA	330	2	30	03	2	6	Sc, Cs	12.2	-2.7	20	23	0	13	0	56	11	0	0	
QUSEIR	360	2	15	01	1	0	—	12.6	-0.8				14	-4		10	0	dr.	4
PORT SÛDÂN																			95
WÂDI HALFA	340	7	50	02	0	1	Ci			19	29		13		32	2	0	dr.	
ABU HAMAD	360	9	30	02	0	0	—			24	33		18		15	-5	0		
KAREIMA	20	10	30	02	0	0	—	11.3		26	33		17		15	-3	0	dr.	1
'ATBARA	340	11	30	02	0	0	—	9.6		24	35		18		28	-2	0	0	2
KHARTÛM	340	12	30	02	0	1	Cs	9.9		24	36		20		17	-3	0	0.6	4
KASSALA																			8
WÂD MEDANI	360	5	35	02	0	3	Ci	8.9		26	38		17		11	-7	0	20	12
RENK																			49
ROSEIRES		2	35	02	2	7	Ac	8.5		26	41		22		37	10	0	92	38
EL OBEID	360	12	30	02	0		Ac	10.2		23	35		18				0	15	16
EL FÂSHER	20	3	30	02	0	0	—				35		16			-2	0	13	6
GENEINA	40	8	30	03	0	1	Ci			23	37		21		15	-5	0		4
MALAKÂL	70	12	30	03	0	7	Ac, Cs	8.4		27	40		23		9	-8	0	94	92
WÂU																			170
JUBA	210	9	30	02	2	8	Ac	7.9		27	38		25		58	18	0	247	187

HUMIDITY % Mean of day

Station	on 26th	Diff. from normal
Alexandria	76	+11
Ezbekiya	55	-3
Gîza	59	-2
Helwân	39	-5

GÎZA
GRASS MINIMUM TEMP
ON 27th 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 ...... At ......

Pressure 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	S.Barani		Minya		Port Saîd	
Time	14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	10	10	22	50	14
600	280	6	10	22	340	10
1000	240	6	350	18	10	5
1500	200	12	160	3	210	7
2000	230	12			30	1
3000	310	16				
4000	280	19				
5000	260	18				
6000	300	22				
7000						
8000						

UPPER WIND OBSERVATIONS on 27th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time	8		5		2		2				7	45	1 ?		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	220	21	20	10	70	10	60	16			30	23	10	24	330	9			360	14				
600	230	9	340	8	70	12	70	20			50	8	360	29	340	15			360	17				
1000	180	4	350	6	30	7	70	19			20	13	340	22	360	23			340	13				
1500	320	2	350	10	350	5	80	18			360	12	340	22	350	18			290	7				
2000	300	5	330	14							250	11			360	14			310	10				
3000	320	19	330	17							290	8			340	14								
4000	330	38	320	19											310	27								
5000	340	19																						
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				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	140	16	30	10			10	15	360	9														
600	160	14	30	10			10	32	10	17	360	26			10	13	260	5					50	18
1000	170	3	10	24			360	31	20	24	20	15			10	9	60	6	20	24	40	15	30	40
1500	40	12	10	22			350	18	30	9	30	6			350	9	40	8	360	12	20	10	40	29
2000	40	7	20	26			360	20									280	3	350	14	270	1		
3000	360	24							310	8	260	20			320	16	290	7	340	12	290	13	230	2
4000	350	30									240	26											360	1
5000	360	39													250	15	220	17	210	10	260	9	280	3
6000	250	29													200	8			190	12	230	15		
7000															190	14								
8000																			260	16				

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.

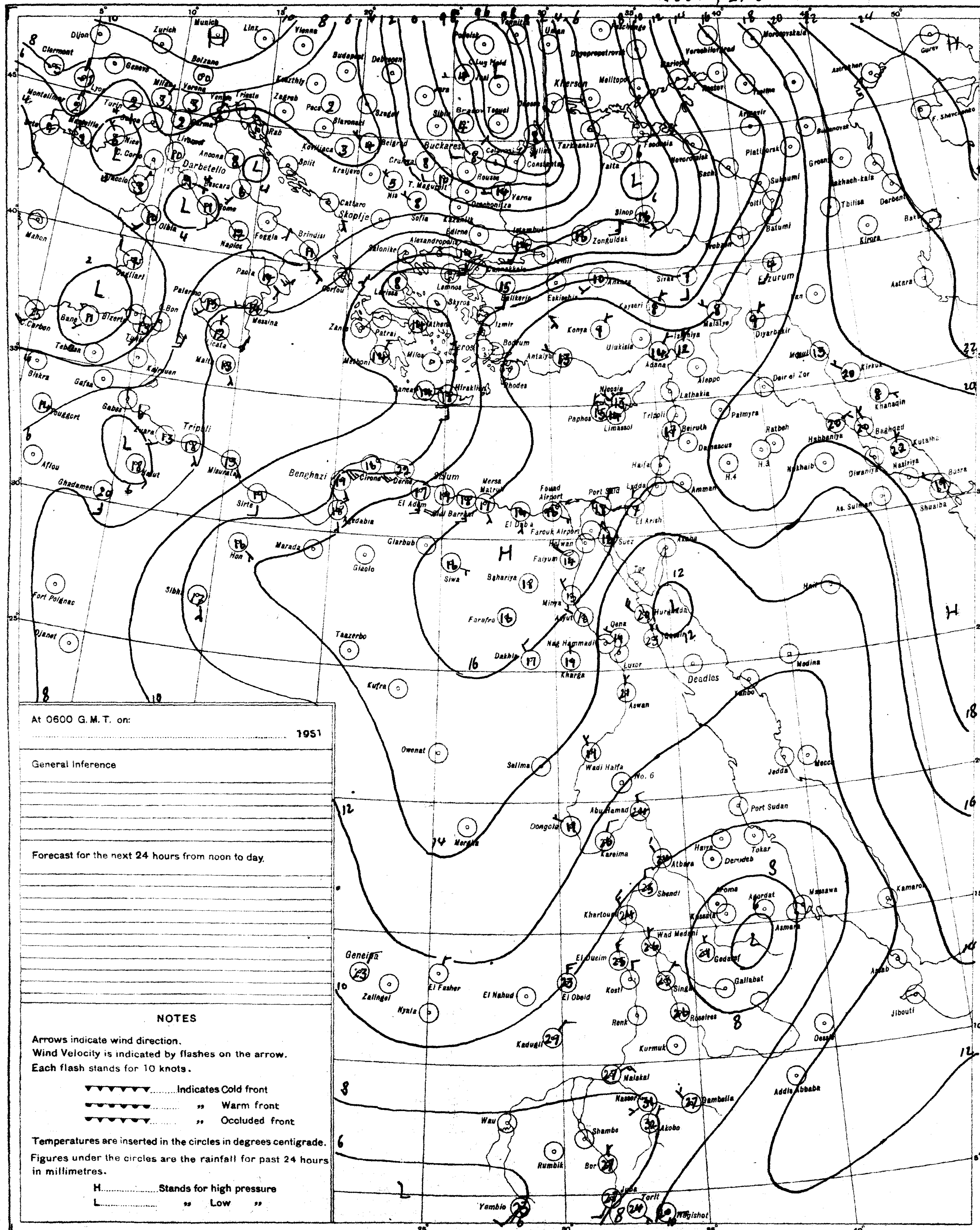
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 27-3-1951



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 ,,

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 50 G.M.T.

" " Sunset 16 11 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 28th March, 1951

At 1200 on Thursday 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	—	16.2	30	16	1
	303	SIDI BARANI											
	306	MATRUH	50	8	30	00	0	0	—	17.2	26	30	7
	309	EL DABA	70	10	35	00	0	0	—		22	44	9
		ALEXANDRIA	40	11	50	00	0	0	—	17.9	18	73	13
	318	FOUAD (Airport)	350	12	18	02	0	0	—	17.8	21	57	12.
	330	DAMIETTA	20	5	35	01	1	1	Cu	18.0	18	73	13
	333	PORT SA'ID	30	11	30	03	0	2	Sc	17.7	20	64	13
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	130	9	15	02	0	0	—	17.6	24	50	13
	342	MANSURA	20	5	35	00	0	0	—	17.5	23	44	10
	348	TANTA	90	8	35	02	0	0	—	16.8	24	38	9
	354	ZAGAZIG	320	1	50	02	1	0	—	17.4	24	47	12
	441	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)	40	12	30	00	0	0	—	16.9	23	38	8
	372	ALMAZA	20	15	30	00	0	0	—	15.7	23	38	8
		EZBEKIYA	360	3	18	00	0	0	—	15.8	24	38	9
		GIZA	360	3	18	00	0	0	—	15.6	23	44	10
	378	HELWAN	340	13	35	02	0	0	—	16.0	24	21	0
UPPER EGYP	381	FAIYUM	360	8	35	02	0	0	—	15.3	25	22	2
	387	MINYA	350	8	10	00	0	0	—	14.5	26	21	2
	393	ASYUT MANQABAD	340	11	30	00	0	0	—	13.7	27	20	2
	399	NAG' HAMMADI	320	2	15	00	0	0	—	12.4	30	35	13
	402	QENA	00	0	50	00	0	0	—	11.2	33	21	8
	405	LUXOR											
	414	ASWAN	340	4	50	00	0	0	—	10.4	31	9	-6
OASES	417	SIWA	180	4	14	00	0	0	—	17.1	29	17	1
	420	BAHARIYA	360	2	35	02	0	0	—	15.6	27	52	16
	423	FARAFRA	340	2	35	02	0	0	—	16.4	27	42	13
	432	DAKHLA	340	14	50	00	0	0	—	14.4	27	27	6
	435	KHARGA	360	6	15	00	0	0	—	13.4	28	22	4
RED SEA	450	SUEZ	360	2	50	02	0	0	—	15.6	24	32	6
	459	TOR	310	13	50	02	0	0	—	14.6	25	48	13
	462	HURGHADA	20	17	30	02	2	0	—		23	61	15
	465	QUSEIR	360	9	15	02	1	2	As	11.9	21	57	12
	641	PORT SUDAN											
NORTH SUDAN	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM											
	730	KASSALA	340	5	30	02	1	3	Ac	3.4	37	17	8
CENTRAL SUDAN	751	WAD MEDANI	360	5	15	02	0	1	Cu	3.7	38	6	-7
	801	RENK	50	5	35	02	1	0	—		39	20	12
	802	ROSEIRES	50	2	35	02	2	6	Ac	3.0	39	26	16
	771	EL OBEID	50	7	30	02	0	0	—	5.7	33	5	-11
	760	EL FASHER											
	770	GENEINA	350	1	30	02	0	1	Cs		36	12	2
S. SUDAN	840	MALAKAL	20	8	30	01	2	7	Cs	2.9	39	7	-4
	880	WAU	160	10	30	01	2	8	Ac, Cs	3.4	37	13	4
	941	JUBA	90	7	30	02	2	7	Cu, Ac	4.0	35	37	18

At 1800 on Thursday 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	270	2	15	00	0	0	—	14.8	22	50	11	0
SIDI BARANI	110	3	18	00	0	0	—				7	0
MATRUH												
EL DABA	00	0	7	00	0	0	—		16	68	10	0
ALEXANDRIA												
FOUAD (Airport)												
DAMIETTA												
PORT SA'ID												
EL 'ARISH												
DAMANHUR												
MANSURA	40	5		00	0	0	—	19.6	15	77	11	0
TANTA	00	0	35	02	0	0	—	19.1	15	77	11	0
ZAGAZIG												
ISMA'ILIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	40	3	12	00	0	0	—	17.8	19	52	9	0
GIZA	40	3	12	00	0	0	—	18.0	19	52	9	0
HELWAN	360	8	15	02	0	0	—	18.8	18	46	6	0
FAIYUM												
MINYA												
ASYUT MANQABAD												
NAG' HAMMADI												
QENA												
LUXOR												
ASWAN												
SIWA	00	0	8	00	0	0	—	17.2	22	31	4	0
BAHARIYA	40	5	15	02	0	0	—	17.5	21	50	10	0
FARAFRA	360	2	15	02	0	0	—	17.2	19	52	9	0
DAKHLA	340	8	35	00	0	0	—	17.1	22	36	6	0
KHARGA	360	1	15	00	0	0	—	14.6	23	12	-8	0
SUEZ												
TOR	310	19		02	0	0	—	13.3	24	61	16	0
HURGHADA												
QUSEIR												
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Friday 28th March, 1952

Station	Wind 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	220	13	15	00	0	0	—	15.4	-0.1	22	32	+9			21	-1	0	Rain	
SIDI BARANI	190	14	18	02	0	1	Ci	16.1		20	30				30	2	0	115	
MATRUH	180	17	35	03	0	1	Ci	17.3	+1.4	19			12		37	4	0	132	
EL DABA	200	13	15	00	0	0	—			15	24		9		63	8	0	214	
ALEXANDRIA	130	4	35	04	0	0	—	19.6	+4.3	18			14	0	73	13	0	166	180
FOUAD (Airport)	140	4	18	02	0	0	—	19.3	+3.0	16			11	-1	88	14	0	Rain	137
DAMIETTA	140	3	15	00	0	0	—	19.8	+4.6	13			11	-1	97	13	0	171	100
PORT SA'ID	100	6	18	01	0	1	Sc	18.9	+2.8	18			15	+1	77	14	0	92	
EL 'ARISH																			
DAMANHUR	180	5		02	0	0	—	19.2	+3.8	17			12	+1			0	67	93
MANSURA	90	5	35	00	4	0	—	19.9	+4.4	15	24	0	10	-1	88	13	0	62	47
TANTA	00	0	35	03	2	6	Cu	19.6	+3.8	16	25	-1	7	-3	88	14	0	64	34
ZAGAZIG	00	0	35	01	1	3		19.3	+3.8	14			7	-3	77	10	0	30	24
ISMA'ILIA																			
FAROUK (Airport)	70	12	18	00	1	0	—	18.6		15			10		77	11	0	83	
ALMAZA	40	10	18	00	0	0	—	18.6	+2.2	16			11	-1	68	10	0	71	
EZBEKIYA	360	2	12	00	0	0	—	18.8	+3.2	14	26	0	10	-2	77	10	0	61	22
GIZA	360	2	12	00	0	0	—	18.4	+2.4	15	24	-2	9	0	77	11	0	58	21
HELWAN	00	0	7	02	0	0	—	18.6	+3.1	15	25	-1	12	0	59	7	0	59	24
FAIYUM	360	2	35	02	0	0	—	17.9	+2.1	16			11	0	68	10	0	23	7
MINYA	360	7	10	03	0	1	Ci	17.7	+1.0	14			10	+1	67	8	0	5	
ASYUT MANQABAD	310	5	14	00	0	1	Ci	17.4	+2.2	14			10	-1	67	8	0	3	
NAG' HAMMADI	00	7	01	00	0	0	—	16.3	+1.8	14			11	+1	77	10	0	0.1	
QENA	00	0	15	00	0	0	—	15.4	+1.2	19			12	-1	37	4	0	2	
LUXOR																			
ASWAN	00	0	50	00	0	0	—	13.9	+0.1	22			14	-2	21	-1	0	dr.	
SIWA	00	0	14	03	0	1	Ci	18.7	+1.7	18	30	+3	12	+2	43	5	0	26	7
BAHARIYA	360	2	35	02	1	3	Ac	17.5	+3.2	18	27	0	11	+1	60	10	0	1	7
FARAFRA	270	1	35	02	2	4	Ci	19.9		17	28		12		52	7	0	Rain	
DAKHLA	270	8	50	03	0	3	Ci	17.0	+1.7	20	28	-2	15	+3	41	6	0	dr.	
KHARGA	360	2	15	03	2	2	Ci	16.2	+1.3	17	29	-1	15	+2	42	4	0	dr.	
SUEZ	310	2	50	00	0	0	—	18.0	+2.5	18			12	-1	60	10	0	44	14
TOR	310	13	15	02	0	0	—	15.2	+1.5	22			13	-1	65	15	0	1	13
HURGHADA	320	10	15	02	0	0	—	14.5	-0.4	20			16	+3	46	8	0	0	
QUSEIR	360	13	7	02	0	0	—	13.6	+0.2	22			18	0	57	13	0	dr.	4
PORT SUDAN	310	4	30	03	0	2	Ac, Cs	11.9		25	28		17		39	10	0	211	95
WADI HALFA	360	5	50	03	1	3	Ci	14.8		17	32		12		22	-5	0	dr.	
ABU HAMAD	60	11	30	02	0	1	Ci			23	35		17		12	-8	0		
KAREIMA	20	7	30	02	0	0	—	13.1		21	35		16		17	-5	0	dr	1
'ATBARA	350	13	10	07	0	0	—	9.9		24	36		18		22	1	0	0	2
KHARTUM	350	13	30	02	0	1	Ac	9.9		25	37		22		16	-3	0	0.6	4
KASSALA																			8
WAD MEDANI																			12
RENK	310	2	35	02	1	4	Ac			26	40		19		32	8	0		49
ROSEIRES																			38
EL OBEID	360	9	30	03	1	5	Ac	10.9		22	35		19		13	-8	0	15	16
EL FASHER	360	5	30	02	0	0	—			21	35		13		11	-11	0	13	6
GENEINA																			4
MALAKAL																			93
WAU																			171
JUBA	180	3	30	01	2	4	Ac	7.9		29	36		25		52	18	dr	247	188

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	75	+10
Ezbekiya	65	+7
Giza	63	+3
Helwan	44	0

GIZA GRASS MINIMUM TEMP. ON 28th 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 ..... At .....

Pressure 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 27th

Height m.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Port Said Dir.	Port Said Vel.	S. Barani Dir.	S. Barani Vel.
Time	14		14		13		14		14		14		16		14	
300	350	34	320	15	360	31	310	10	170	3	360	26	10	19	360	4
600	350	33	330	21	360	22	280	6	180	3	350	35	10	17	240	4
1000	360	12	340	23	350	30	240	6	180	4	350	28	20	14	230	5
1500	10	6	360	23			200	12	140	4			10	4	240	13
2000	20	16	340	17			230	12	100	3			10	16	280	16
3000			330	18			310	16	360	18			350	11	300	17
4000							280	19					340	10	320	30
5000							360	18							320	22
6000							300	22							320	23
7000																
8000																

UPPER WIND OBSERVATIONS on 28th

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.	Almaza Dir.	Almaza Vel.
Time	8		5		2		2						2		8								3	
300	210	13	260	6	100	5	20	7					20	22	300	18							80	8
600	210	23	260	7	70	9	30	7					20	30	10	18							40	18
1000	270	17	260	5	40	5	30	7					40	24	40	19							20	16
1500	280	4			10	18	30	8					50	24	30	20							10	20
2000	360	2					50	5							30	23								
3000	360	10																						
4000	350	21																						
5000	350	10																						
6000	320	16																						
7000	320	20																						
8000	320	20																						

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		4				5				4		4				4	
300	170	15	30	14	350	14	10	12	10	12														
600	200	19	30	16	360	10	10	29	10	21			20	19			20	9					80	11
1000	200	12	50	18	40	25	10	29	20	21			50	16			10	21	20	30			30	35
1500	190	3	60	27			20	18	10	19			40	22			40	9	40	15			30	30
2000	60	15	50	38			20	30															90	14
3000	20	23							20	14			20	16					320	11			40	7
4000	30	24																						
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.

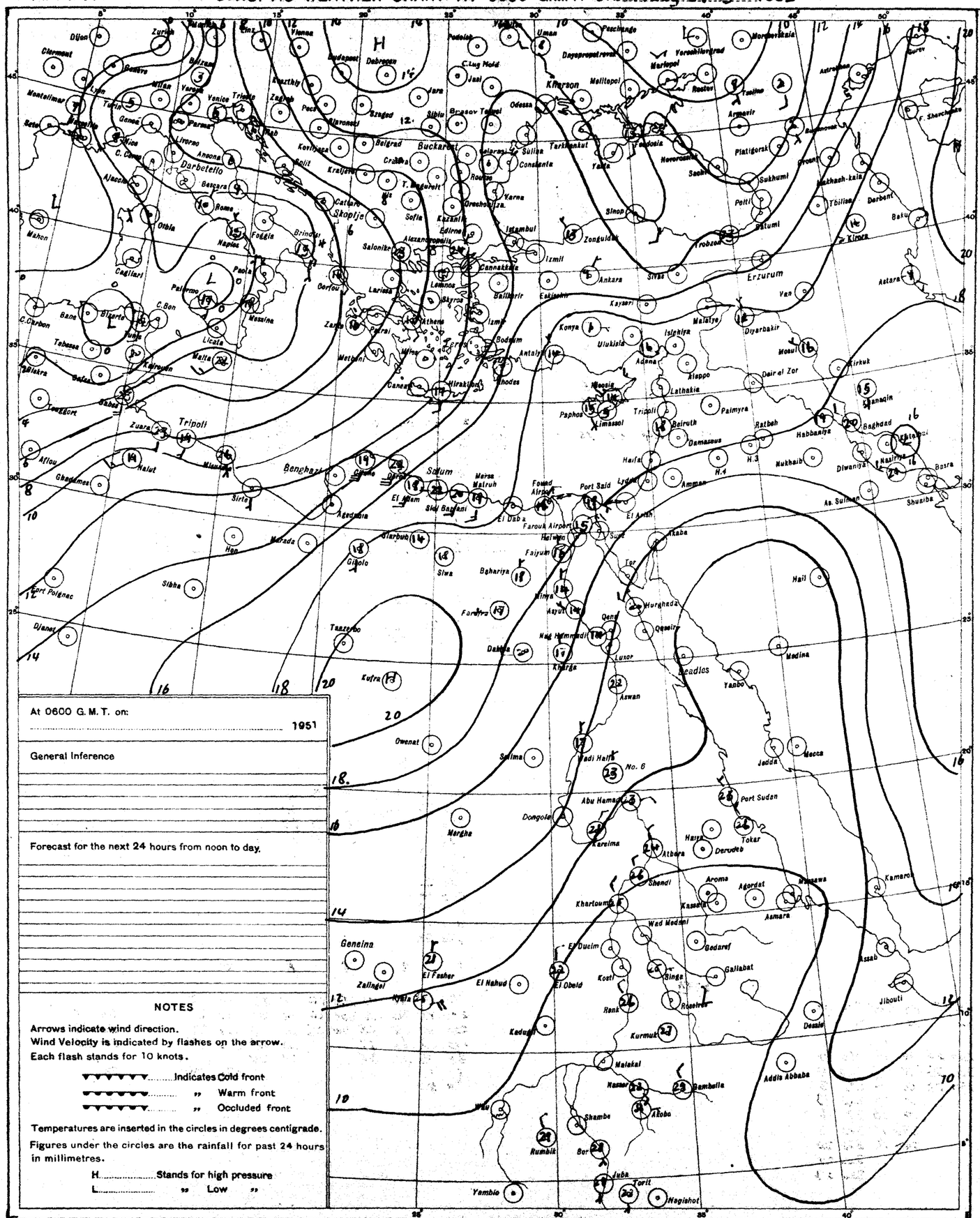
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 48 G.M.T.
" " Sunset 16 12 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 29th March, 1951

At 1200 on Friday 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	250	13	35	00	0	0	—	17.6	34	10	-2
	303	SÎDI BARÂNI											
	306	MATRÛH	40	5	30	00	0	0	—	18.5	29	23	6
	309	EL DABÂ	70	6	35	00	0	0	—		27	37	11
		ALEXANDRIA	40	5	50	00	0	0	—	19.8			13
	318	FOUAD (Airport)	330	9	18	02	0	0	—	19.8	25	47	13
	330	DAMIETTA											
	333	PORT SA'ÎD	20	10	30	02	0	0	—	19.6	21	65	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	180	5	15	02	1	0	—	19.1	25	28	5
	342	MANSURA	40	5	35	00	0	0	—	20.0	26	37	10
	348	TANTA	130	5	35	01	2	4	Cu	19.9	27	33	9
	354	ZAGAZIG	40	1	50	02	1	0	—	19.5	26	42	12
	441	ISMAÎLIA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	40	16	18	00	0	0	—	18.3	26	30	7
		EZBEKÎYA	360	2	18	00	0	0	—	18.4	28	25	6
		GÎZA	360	2	18	00	0	0	—	17.6	27	27	6
	378	HELWÂN	20	20	35	02	0	0	—	18.4	27	20	2
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	17.5	29	19	3
	387	MINYA	350	16	10	01	1	1	Ci	15.7	29	20	4
	393	ASYÛT MANQABÂD	360	10	30	03	1	3	Ci	14.0	32	16	2
	399	NAG' HAMMÂDI	270	1	15	00	1	0	—	13.6	28	45	15
	402	QENA	00	0	50	03	1	3	Ci	13.0	33	16	4
	405	LUXOR											
	414	ASWÂN	320	5	50	00	0	0	—	12.6	31	5	-14
Oases	417	SÎWA	170	4	14	00	0	0	—	19.0	33	10	-2
	420	BAHARÎYA	360	3	35	02	1	0	—	17.6	30	46	17
	423	FARAFRA	40	6	15	02	2	1	AC	18.3	30	31	11
	432	DAKHLA	360	14	35	00	0	0	—	15.6	30	21	5
	435	KHARGA	360	4	15	01	2	1	Ci	14.4	30	16	1
Red Sea	450	SUEZ	360	3	50	02	0	0	—	16.4	26	30	7
	459	TOR	310	19	50	02	0	0	—	13.3	23	61	15
	462	HURGHADA	20	10	30	02	0	0	—	12.6	24	61	16
	465	QUSEIR											
	641	PORT SUDÂN	40	13	30	02	0	1	AC	10.9	29	59	20
North Sudan	600	WÂDI HALFA	60	10	50	01	1	0	—		31	8	-8
	640	ABU HAMAD	50	2	30	02	0	1	Ci		35		
	660	KAREIMA	40	9	30	02	0	0	—	9.4	33	7	-7
	680	'ATBARA	340	10	30	02	0	0	—	6.1	36	8	-3
	721	KHARTÛM	320	6	30	03	0	3	Ac, Ci	6.6	36	9	-2
	730	KASSALA	360	4	30	02	0	0	—	2.3	39	14	7
Central Sudan	751	WÂD MEDANI	50	5	35	02	0	1	Cu		38	6	-7
	801	RENK	310	13	35	02	2	0	—		38	29	17
	802	ROSEIRES											
	771	EL OBEID	40	9	50	02	1	4	AC	6.3	34	4	-15
	760	EL FÂSHER	20	8	30	02	0	0	—		34	20	8
	7[illegible]	GENEINA	50	5	30	02	0	0	—		35	8	-4
S. Sudan	840	MALAKÂL	50	9	30	02	0	1	Ci	4.0	39	8	-1
	880	WAU	50	8	30	01	2	3	Cu, Ci	3.2	39	14	7
	941	JUBA	90	7	50	03	2	5	Cb, AC	2.8	39	20	12

At 1800 on Friday 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	250	5	15	00	0	0	—	16.8	29	14	-1	0
SÎDI BARÂNI	190	7	18	00	0	0	—	17.1	24	28	4	0
MATRÛH	100	5	14	01	0	0	—	19.1	20	46	8	0
EL DABÂ	160	5	7	00	0	0	—		19	46	7	0
ALEXANDRIA	90	5	35	00	0	0	—	20.7	19	73	14	0
FOUAD (Airport)	50	4	12	02	0	0	—	20.2	18	83	15	0
DAMIETTA	20	5	7	02	0	0	—	20.2	17	77	13	0
PORT SA'ÎD	40	10	18	02	0	0	—	20.3	18	83	15	0
EL 'ARISH												
DAMANHUR	40	5	7	02	0	0	—	20.0	16	68	10	0
MANSURA	20	5		00	0	0	—	21.0	19	64	12	0
TANTA	00	0	35	03	2	6	Cu	20.4	19	73	14	0
ZAGAZIG	40	1	35	02	0	0	—	20.6	18	73	13	0
ISMAÎLIA												
FAROUK (Airport)	70	11	12	00	0	0	—	19.7	21	57	12	0
ALMÂZA	60	11	12	00	0	0	—	19.4	22	44	9	0
EZBEKÎYA	360	2	12	00	0	0	—	19.8	20	53	10	0
GÎZA	360	2	12	00	0	0	—	19.2	21	50	10	0
HELWÂN	20	13	7	02	0	0	—	19.9	21	41	7	0
FAIYÛM	360	2	35	02	0	0	—	18.3	22	44	9	0
MINYA	360	9	8	00	1	0	—	16.8	20	43	7	0
ASYÛT MANQABÂD	360	7	10	00	0	0	—	16.0	22	17	-4	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	14.3	21	57	12	0
QENA	270	1	7	02	1	3	Ci	13.6	24	38	9	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	12.8	26	7	-12	0
SÎWA	00	0	8	00	0	0	—	18.8	24	26	3	0
BAHARÎYA	40	3	15	02	0	0	—	18.8	24	54	14	0
FARAFRA	40	2	15	02	2	0	—	18.7	21	41	7	0
DAKHLA	340	11	35	00	0	0	—	16.6	24	21	0	0
KHARGA	360	2	15	00	0	0	—	14.6	23	12	-8	0
SUEZ				02	0	0	—		25	54	15	0
TOR	340	19	35	00	0	0	—	12.8	25	34	8	0
HURGHADA	320	19	30	02	0	0	—					
QUSEIR	360	2	15	01	1	0	—	14.0	22	74	17	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM	340	9	30	01	1	0	—	7.8	30	9	-6	0
KASSALA	340	3	30	02	0	0	—	5.2	29	25	7	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	6	30	02	0	0	—	7.4	29	13	-2	0
EL FÂSHER	60	5	30	02	0	0	—				7	0
GENEINA	30	7	30	02	0	0	—		32	9	-5	0
MALAKÂL	00	0	30	02	0	0	—	4.3			5	0
WAU	160	1	30	03	2	8	AC	3.5	35	30	15	0
JUBA	360	2	50	00	0	6	Sc, AC	3.9	29	49	17	0

At 0600 on Saturday 29th March, 1952

Station	Wind 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	00	0	0	—	18.0	+2.3	25	35	+2			17	-2	0	Rain	
SÎDI BARÂNI	210	6	18	00	0	0	—	18.7		27	33		19		23	4	0	115	
MATRÛH	190	13	18	01	0	1	Ac	19.4	+3.5	23	32				27	3	0	132	
EL DABÂ	00	0	15	00	0	0	—			19	29		12		52	9	0	214	
ALEXANDRIA	130	15	35	04	0	0	—	20.7	+5.5	18	24	+2	15	+1	60	10	0	166	180
FOUAD (Airport)	160	8	18	02	0	0	—	20.2	+3.9	18	26	+5	13	+1	60	10	0	Rain	137
DAMIETTA	160	2	15	00	0	0	—	20.3	+5.2	20	22	+1	13	+1	73	15	0	171	101
PORT SA'ÎD	110	8	14	02	0	0	—	20.7	+4.6	19	22	+2	14	0	83	16	0	92	
EL 'ARISH																			
DAMANHUR	180	13		02	0	0	—	20.8	+5.4	18	26	+2	12	+1	60	10	0	87	93
MANSURA			35	00	0	0	—	21.4	+5.9	17	28	+3	12	+1	77	13	0	62	47
TANTA	130	2	35	02	0	0	—	20.2	+4.5	16	27	+1	10	0	77	12	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	20.8	+5.3	17	27	+1	12	+2	68	11	0	30	24
ISMAÎLIA																			
FAROUK (Airport)	90	10	14	00	0	0	—	20.6		20	28		13		60	12	0	83	
ALMÂZA	50	17	12	03	0	1	As	20.2	+3.8	21	26	+2	12	0	35	5	0	71	
EZBEKÎYA	00	0	12	00	0	0	—	20.0	+4.5	19	28	+2	13	+1	49	8	0	61	22
GÎZA	00	0	12	00	0	0	—	19.4	+3.5	18	27	+1			73	13	0	58	21
HELWÂN	360	13	7	02	0	0	—	20.0	+4.6	22	28	+2	15	+3	21	-1	0	59	24
FAIYÛM	360	8	35	03	0	1	Ci	19.9	+4.1	20	29	+2	12	+1	46	8	0	23	7
MINYA	340	11	10	00	0	0	—	17.9	+1.1	17	30	+3	10	+1	52	7	0	5	
ASYÛT MANQABÂD	300	5	12	00	0	0	—	17.6	+2.5	17	33	+6	11	0	49	6	0	3	
NAG' HAMMÂDI	00	0	7	01	0	2	AC	16.6	+2.2	17	31	+2	14	+4	68	11	0	0.1	
QENA	00	0	15	00	0	0	—	15.8	+1.7	19	34	+1	13	0	46	7	0	2	
LUXOR																			
ASWÂN	340	3	50	00	0	0	—	14.6	+0.9	22	32	-1	16	0	29	3	0	dr.	
SÎWA	00	0	14	00	0	0	—	21.0	+4.1	20	34	+7	12	+2	41	6	0	26	7
BAHARÎYA	360	3	35	02	0	0	—	19.5	+3.2	22			14	+4	57	13	0	1	7
FARAFRA	360	2	35	02	0	0	—	19.5		19	31		11		64	12	0	Rain	
DAKHLA	180	11	50	00	0	0	—	16.7	+1.4	20	31	0	15	+3	46	8	0	dr.	
KHARGA	360	6	15	00	0	0	—	15.8	+1.0	19	30	-1	17	+4	30	1	0	dr.	
SUEZ	310	2	50	00	0	0	—	19.1	+2.6	17			13	0	52	7	0	44	14
TOR	310	19	15	02	0	0	—	16.2	+2.6	22			20	+6	74	17	0	1	13
HURGHADA	320	8	15	02	0	0	—	16.0	+1.2	22	25	+2	17	+4	50	11	0	0	
QUSEIR	360	19	15	02	0	0	—	15.0	+1.7	24	26	0	20	+2	54	14	0	dr.	4
PORT SUDÂN	310	8	30	02	0	0	—	12.3		24	29		17		69	18	0	241	95
WÂDI HALFA	10	1	50	02	0	0	—	14.0		18	33		12		20	-5	0	dr.	
ABU HAMAD	360	2	30	02	0	0	—			23	35		17		15	-5	0		
KAREIMA	20	5	30	02	0	0	—	11.8		21	35		18		23	-1	0	dr.	1
'ATBARA	10	8	30	02	0	0	—	10.0		23	37		17		20	-1	0	0	2
KHARTÛM	340	8	30	02	0	1	Ci	9.3		23	37		17		16	-4	0	0.6	4
KASSALA	90	1	30	02	0	0	—	6.5		27	39		17		48	15	0	49	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID	360	15	30	03	0	2	AC	9.5		23	36		18		10	-10	0	15	16
EL FÂSHER	10	3	30	02	0	0	—			18	35		13		32	1	0	13	6
GENEINA	50	8	30	02	0	0	—			23	37		19		11	-9	0		4
MALAKÂL	20	20	30	03	1	3	AC	6.8		29	40		22		10	-6	0	94	93
WAU											40								172
JUBA	180	7	30	03	1	7	Sc, As	7.1		27	39		24		62	19	0	247	189

HUMIDITY

Mean of day

Station	on 28th	Diff. from normal
Alexandria	70	+5
Ezbekîya	61	+3
Gîza	58	-2
Helwan	41	-3

GÎZA GRASS MINIMUM TEMP. ON 29th 7.7 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 .....

Pressure 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 28th

Height m.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barrani Dir.	S. Barrani Vel.
Time	14		14		14		14		14		14		14	
300	140	5	20	11	360	31	230	4	10	27	10	23	280	17
600	150	3	50	20	20	27	230	6	20	30	10	27	270	12
1000	240	3	50	19			240	6	20	35	10	27	250	9
1500	290	9	70	26			230	3			10	22	250	10
2000	330	4					320	4					230	9
3000	00	0					50	19					220	3
4000	10	10					70	16					350	8
5000	340	7					90	30					340	9
6000	320	17											330	13
7000	310	19												
8000														

UPPER WIND OBSERVATIONS on 29th

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.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.
Time	8		5		8		2						8	15	8				8			
300	240	21	230	6	60	4	100	7					20	10	320	8			10	12		
600	250	17	290	7	60	8	90	9					50	23	50	19			30	20		
1000	250	14	300	6	40	11	90	10					60	32	60	20			30	29		
1500	270	9	300	7	20	18							40	52	60	14						
2000	320	4			30	17							40	56	50	13						
3000	50	7													50	22						
4000	30	10																				
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.	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	8		8		8		8		4												5		4	
300	170	11	60	19	20	20	20	25	30	11														
600	140	10	60	25	30	23	50	15	70	20													20	44
1000	50	7	60	32	40	28	40	15	40	19											20	11	20	48
1500	50	19	60	36	40	21	60	20	90	15											50	27	40	27
2000	70	22	60	33					40	13											50	17	80	9
3000	70	20							10	15											330	23	40	17
4000	70	21																						
5000	60	30																					110	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.

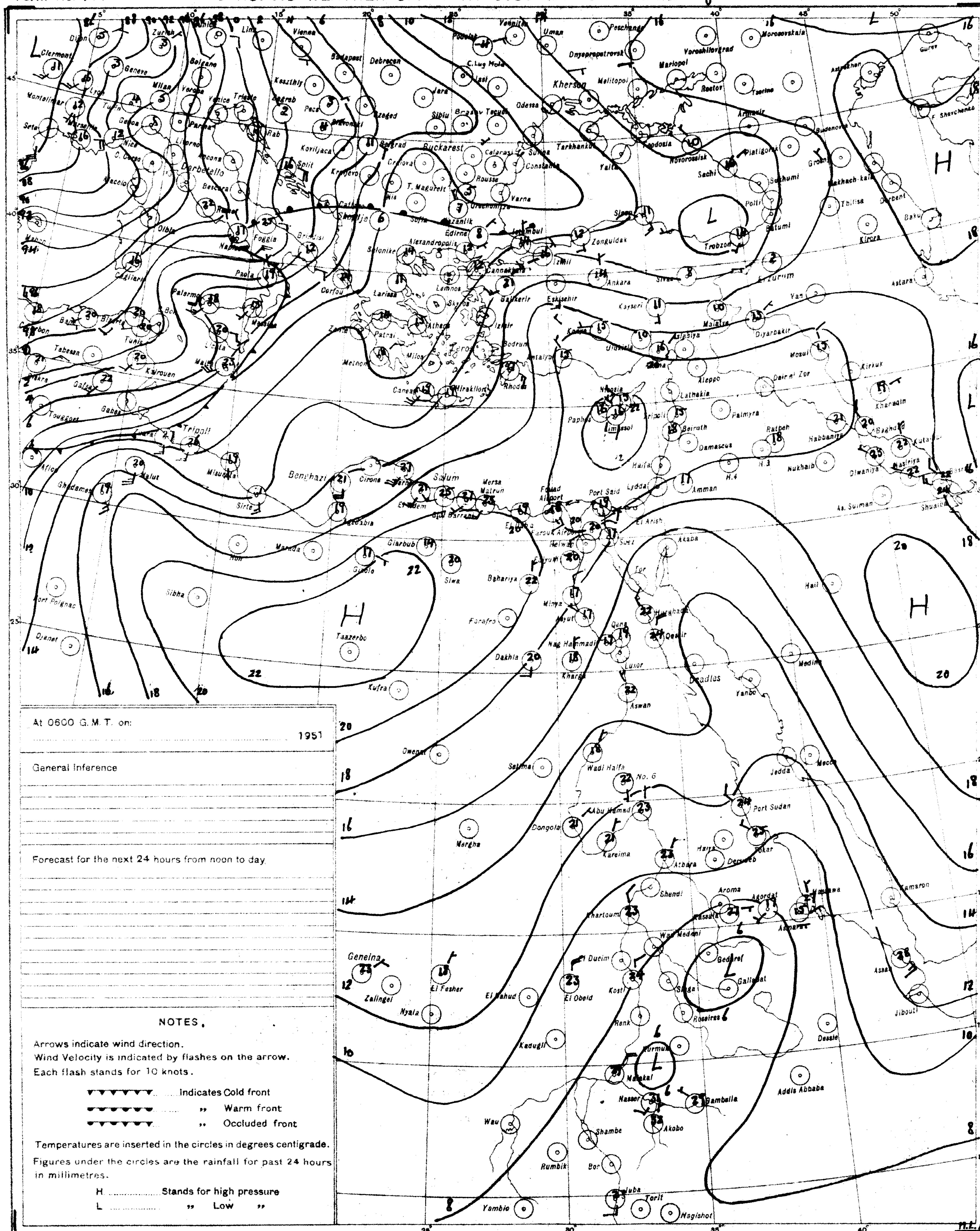
Note: All times are G.M.T.

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 29/3/1958



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.L.A.

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 47 G.M.T.
" " Sunset 16 12 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 30th March, 1951

At 1200 on Saturday 29th / At 1800 on Saturday 29th

Area	Index Number	Station	1200 Wind Dir.	1200 Wind Vel. (knots)	1200 Visibility (km)	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temp. °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Dir.	1800 Wind Vel.	1800 Visibility	1800 Present Weather	1800 Past Weather	1800 Cloud Amount	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temp. °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALÛM	250	9	35	00	1	1	Ci	17.2	35	12	1	320	2	15	00	0	0	–	17.8	25	34	8	0
	303	SÎDI BARÂNI	290	10	30	00	0	0	–	17.5	33	14	2	00	0	18	00	0	0	–	17.9	24	34	7	0
	306	MATRÛH	40	6	30	01	0	2	Ci	18.8	33	8	-6	90	4	14	01	0	0	–	19.1	19	49	8	0
	309	EL DABʿA	90	3	35	03	2	6	Sc, Cu		29	19	3	00	0	7	00	0	0	–		18	73	13	0
		ALEXANDRIA	40	10	50	03	1	5	Cc	20.6	22	65	15	00	0	35	00	0	0	–	20.0	20	56	11	0
	318	FOUAD (Airport)												30	1	14	01	1	0	–	20.0	19	68	13	0
	330	DAMIETTA	90	5	35	03	0	4	AC	20.4	22	57	13	90	2	7	03	1	6	AC	19.9	19	73	14	0
	333	PORT SAʿÎD	70	10	30	01	0	0	–	19.6	20	64	13	90	10	15	03	0	2	Ci	18.4	18	88	16	0
	336	EL ʿARISH																							
Lower Egypt	339	DAMANHUR	40	5	15	02	1	2	Ci	20.3	29	29	9	40	5	7	02	1	2	Ci	20.0	20	64	13	0
	342	MANṢURA	360	5	35	00	0	0	–	20.1	28	33	10	90	3		00	0	0	–	20.0	19	73	14	0
	348	TANTA	90	8	35	02	0	0	–	20.3	29	35	12	00	0	35	02	0	0	–	20.3	18	83	15	0
	354	ZAGAZIG	40	1	50	02	0	0	–	20.2	29	35	12	00	0	35	02	0	0	–	20.4	19	73	14	0
	441	ISMAʿILÎA																							
Cairo Area	366	FAROUK (Airport)												70	10	14	01	2	2	Ci	19.1	22	36	6	0
	372	ALMÂZA												40	18	12	03	2	4	Ci	18.2	22	57	13	0
		EZBEKÎYA	360	3	18	02	1	1	Cu	18.4	30	22	6	40	4	12	00	0	0	–	18.6	22	41	8	0
		GÎZA	360	3	18	02	1	1	Cu	17.5	29	23	6	40	4	12	00	0	0	–	18.2	23	38	8	0
	378	HELWÂN	360	16	35	02	0	0	–	18.0	31	9	-6	20	20	15	03	1	4	Ci	18.7	22	36	6	0
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	–	16.7	33	12	0	360	2	35	02	0	0	–	17.1	23	44	10	0
	387	MINYA	10	9	8	00	1	1		15.0	33	8	-5	360	8	8	00	0	0	–	15.3	21	38	6	0
	393	ASYÛT MANQABÂD	60	2	30	00	0	0	–	13.3	35	22	10	20	3	10	00	0	0	–	13.7	26	25	4	0
	399	NAGʿ HAMMÂDI	00	0	15	00	0	0	–	12.4	34	41	19	320	2	7	00	0	0	–	13.4	28	40	13	0
	402	QENA	90	1	50	00	0	0	–	12.0	36	13	4	00	0	7	00	0	0	–	12.3	28	22	4	0
	405	LUXOR																							
	414	ASWÂN	70	4	50	00	0	0	–	8.6	35	8	-4	360	5	15	00	0	0	–	9.5	29	14	-1	0
Oases	417	SÎWA	00	0	14	00	0	0	–	19.4	34	14	3	00	0	8	00	0	0	–	18.4	27	27	6	0
	420	BAHARÎYA	40	6	35	02	0	0	–	16.8	34	41	19	40	3	15	02	0	0	–	17.8	25	54	15	0
	423	FARAFRA	40	16	0.5	31	3	0	–	16.3	34	10	-2	40	4		02	3	0	–	16.6	25	17	-2	0
	432	DAKHLA	360	14	35	00	0	0	–	14.2	32	24	9	340	11	35	00	0	0	–	15.2	25	28	5	0
	435	KHARGA												360	1	15	00	0	0	–	14.0	27	9	-8	0
Red Sea	450	SUEZ	20	2	50	02	0	0	–	16.3	31	17	3	340	2	35	02	0	0	–	16.7	22	36	6	0
	459	TÔR																							
	462	HURGHÂDA	340	3	30	02	0	0	–	13.4	25	61	17	330	10	12	02	0	0	–		24	54	14	0
	465	QUSEIR	360	9	15	02	0	0	–	13.0	27	55	17	360	5	15	02	0	0	–	12.3	25	70	19	0
	641	PORT SÛDÂN																							
North Sûdan	600	WÂDI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA																							
	680	ʿATBARA																							
	721	KHARTÛM	310	8	30	03	0	0	–	4.1	37	11	1												
	730	KASSALA																							
Central Sûdan	751	WÂD MEDANI																							
	801	RENK	310	5	35	02	1	0	–		38	11	3												
	802	ROSEIRES	310	2	35	02	0	0	–	1.1	39	23	14												
	771	EL OBEID	50	12	50	02	0	1	Ci	4.5	35	5	-10												
	760	EL FÂSHER	20	8	30	01	0	0	–		33	21	8												
	770	GENEINA	50	8	30	02	0	1	Ci		34	5	-10												
S. Sûdan	840	MALAKÂL	40	22	30	01	1	6	AC	3.3	39	12	4												
	880	WÂU	90	8	30	03	2	8	Ac, Ci	1.3	41	6	-4												
	941	JUBA	90	10	50	15	1	7	Cb, AC	2.1	38	21	12												

At 0600 on Sunday 30th March, 1952

Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total from Oct 1st	Normal from Oct 1st	Station
220	2	15	03	1	2	Ci	18.8	+3.4	26	36	+13	21	+9	18	0	0	Rain		SALUM
220	4	18	02	1	2	Cs	18.6		22	34		17		27	2	0	115		SÎDI BARÂNI
200	10	30	01	1	2	Cc	19.2	+3.4	25	35	+14	18		19	0	0	132		MATRÛH
00	0	15	01	1	2	Cu			20	32				46	8	0	214		EL DABʿA
130	11	50	03	1	4	AC	19.2	+4.1	21	26	+4	17	+3	50	10	0	166	181	ALEXANDRIA
180	6	18	02	0	3	Sc	19.3	+3.0	20	27	+6	16	+4	53	10	0	Rain	137	FOUAD (Airport)
200	2	15	11	0	0	–	18.3	+3.2	19	22	+1	13	+1	83	16	0	171	101	DAMIETTA
200	5	12	02	0	1	AC	18.2	+2.1	20	22	+2	16	+2	73	15	0	92		PORT SAʿÎD
																			EL ʿARISH
230	5		02	1	1	Cu	18.6	+3.3	19	30	+5	13	+2	64	12	0	87	93	DAMANHÛR
90	3	35	00	0	0	–	19.4	+4.0	19	29	+4	13	+2	73	14	0	62	47	MANSÛRA
180	2	35	02	0	0	–	18.6	+3.0	18	30	+4	10	0	73	13	0	64	34	TANTA
00	0	35	02	0	0	–	19.4	+4.0	19	30	+4	11	+1	64	12	0	30	24	ZAGAZIG
																			ISMAʿILÎA
										30									FAROUK (Airport)
										30	+5								ALMÂZA
360	2	12	00	0	0	–	18.7	+3.2	19	31	+5	14	+2	60	11	0	61	22	EZBEKÎYA
360	2	12	00	0	0	–	18.3	+2.4	18	30	+4	11	+2	73	13	0	58	21	GÎZA
00	0	7	05	0	0	–	18.4	+3.0	20	32	+6	15	+3	46	8	0	59	24	HELWÂN
330	4	35	02	0	0	–	18.5	+2.8	21	33	+6	14	+3	41	7	0	23	7	FAIYÛM
350	7	8	00	0	0	–	17.1	+0.3	19	34	+7	12	+3	46	7	0	5		MINYA
320	4	12	00	0	0	–	16.7	+1.7	22	36	+9	11	0	41	8	0	3		ASYÛT MANQABÂD
00	0		00	0	0	–	15.0	+0.6	22	35	+6	17	+6	57	13	0	0.1		NAGʿ HAMMÂDI
360	1	15	00	0	0	–	14.8	+0.8	27	36	+3	18	+4	27	6	0	2		QENA
360	3	30	00	0	0	–	13.4	-0.8	26			16		35	9	0	dr.		LUXOR
20	6	50	00	0	0	–	12.2	-1.4	24	36	+3	20	+3	22	1	0	dr.		ASWÂN
00	0	14	00	0	0	–	20.4	+3.6	22	34	+7	14	+4	31	4	0	26	7	SÎWA
70	3	35	02	0	0	–	18.7	+2.5	24	34	+6	19	+9	38	9	0	1	7	BAHARÎYA
00	0	35	02	0	0	–	17.8		20	34		14		41	6	0	Rain		FARAFRA
270	11	50	00	0	0	–	15.2	0.0	24	33	+2	19	+7	38	9	0	dr.		DAKHLA
360	4	15	00	0	0	–	14.0	-0.7	24	33	+2	19	+6	15	-5	0	dr.		KHARGA
20	1	15	00	0	0	–	17.5	+2.1	19	32	+6	14	+1	52	9	0	44	14	SUEZ
																		13	TÔR
330	12	30	02	0	0	–	15.1	+0.3	22	26	+3	18	+4	47	10	0	0		HURGHADA
360	5	15	02	0	0	–	13.9	+0.6	25	27	+1	23	+5	61	17	0	dr.	4	QUSEIR
340	8	30	01	2	3	Sc	9.4		25	30		23		70	19	0	211	95	PORT SÛDÂN
00	0	15	05	0	0	–	11.0		23	34		18		34	6	0	dr.		WÂDI HALFA
20	5	30	02	0	0	–			25	35		17		21	1	0			ABU HAMAD
50	4	30	02	0	0	–	9.9		23	36		18		15	5	0	dr.	1	KAREIMA
10	9	30	02	0	0	–	8.8		23	36		16		22	0	0	0	2	ʿATBARA
360	12	30	02	0	1	AC	8.3		25	37		18		21	1	0	0.6	4	KHARTÛM
20	5	30	02	0	1	AC	5.2		27	40		16		52	16	0	49	8	KASSALA
																		12	WÂD MEDANI
																		49	RENK
																		38	ROSEIRES
350	10	30	01	1	1	AC	8.5		24	35		19		8	-12	0	15	16	EL OBEID
340	3	30	02	0	1	Ac, Ci			17	34		10		26	-3	0	13	6	EL FÂSHER
																		4	GENEINA
70	6	30	03	2	7	AC	7.3		27	41		22		17	0	0	94	93	MALAKÂL
																		173	WÂU
230	5	50	03	2	7	Ac, Cs	5.5		29	38		26		52	18	0	247	190	JUBA

Humidity % Mean of day

Station	on 29th	Diff. from normal
Alexandria	56	-9
[illegible]	41	-17
Giza	48	-12
Helwan	22	-22

GRASS MINIMUM TEMP. on 30th 9.0

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

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 29th

Station	Matruh		Port Said		Minya		Asyut		Dakhla		Kharga		Siwa		S. Barrani	
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.
300	120	10	40	21	40	19	40	20	60	35	50	21	80	6	300	12
600	150	4	40	24	40	25	50	22	60	36	50	24	60	5	290	13
1000	150	4	30	26	40	24	40	23	50	21	50	24	40	6	310	13
1500	260	12	150	9			40	32	50	46			80	10	200	6
2000	320	3	30	30			30	25					60	17	220	10
3000							40	14					80	30	130	5
4000													90	32	40	7
5000															20	22
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 30th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		4				8						8		8		8	15	8				8	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	300	8	290	10			140	4					30	14	40	8	40	15	20	11			110	7
600	320	12	290	9			140	8					50	24	50	16	40	24	50	23			80	31
1000	320	9	300	7			100	3					60	24	60	27	40	26	60	25			80	21
1500	330	12	340	13			50	3					50	33	50	30	50	20	60	27			110	56
2000	330	14	340	19			360	8					30	30	40	36	80	19	60	32			30	30
3000	20	14	20	14			350	23																
4000	70	19	30	24			360	31																
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8		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							20	5	40	21														
600							50	35	40	21	50	19	60	18									20	14
1000							80	48	40	25	60	27	60	22					10	28			20	25
1500									60	19	30	15	70	25					40	19			20	31
2000											20	13							10	7				
3000											240	1	50	7					320	19			300	3
4000											330	7	320	7										
5000											310	10							260	15			10	7
6000																			230	21				
7000																								
8000																								

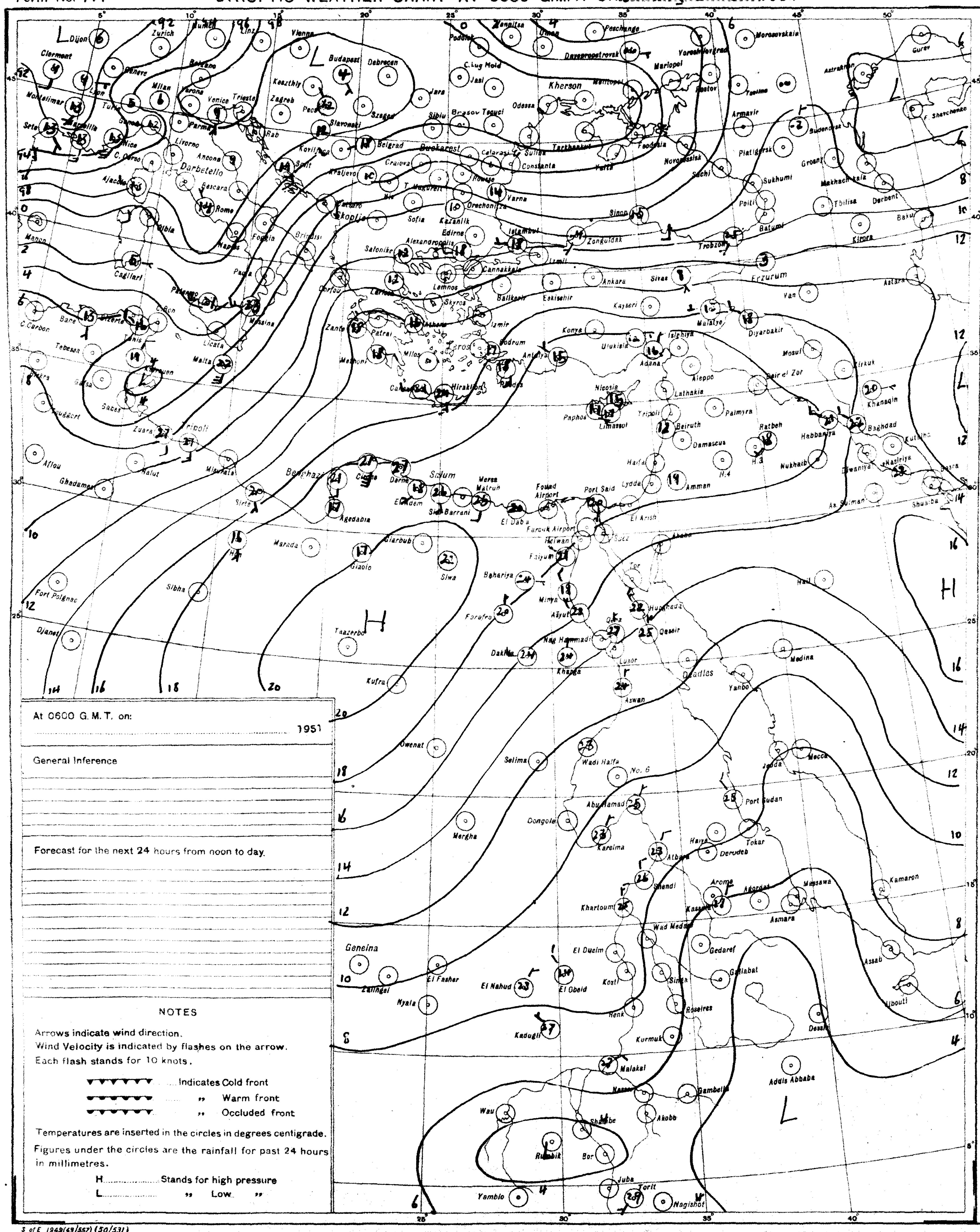
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 30 - 3 1952



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F.

MAY 26 1952 WEATHER BUREAU

DAILY WEATHER REPORT

Date: Monday 31st March, 1951

At 1200 on Sunday 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	5	35	02	1	1	Ci	17.9	32	15	2
	303	SIDI BARANI	330	3	30	02	0	1	Cs	18.1	31	15	1
	306	MATRUH	320	6	30	03	1	5	Cs	18.7	29	19	3
	309	EL DABA											
		ALEXANDRIA	270	6	50	00	0	0	—	18.2	26	30	7
	318	FOUAD (Airport)	290	5	18	02	0	0	—	18.3	28	27	7
	330	DAMIETTA	340	5	35	00	0	0	—	18.4	27	27	6
	333	PORT SAID	30	9	18	02	0	0	—	17.4	22	78	18
	336	EL 'ARISH	20	8	18	00	0	0	—	17.4	27	48	15
Lower Egypt	339	DAMANHUR	40	5	5	02	0	0	—		31	22	7
	342	MANSURA	360	5	35	00	0	0	—	18.0	31	28	10
	348	TANTA	310	5	35	02	0	0	—	17.2	32	24	9
	354	ZAGAZIG	320	2	50	02	0	0	—	18.6	33	30	13
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	340	15	30	00	0	0	—	17.3	33	24	10
	372	ALMAZA	340	16	30	00	0	0	—	16.4	32	28	11
		EZBEKIYA	360	3	18	00	0	0	—	16.6	34	18	6
		GIZA	360	3	18	00	0	0	—	15.9	33	16	4
	378	HELWAN	360	13	35	02	0	0	—	15.9	34	6	-8
Upper Egypt	381	FAIYUM	360	2	35	02	0	0	—	17.0	34	14	3
	387	MINYA	30	16	10	00	0	0	—	14.7	35	9	-2
	393	ASYUT MAMQABAO	40	15	12	00	0	0	—	13.7	36	17	7
	399	NAG' HAMMADI	40	2	7	00	0	0	—	13.1	34	22	9
	402	QENA	20	1	50	00	0	0	—	11.4	36	11	1
	405	LUXOR	40	15	12	00	0	0	—	10.4	35	16	6
	414	ASWAN	360	9	35	00	0	0	—	8.0	35	12	1
Oases	417	SIWA	00	0	14	00	0	0	—	19.4	35	12	1
	420	BAHARIYA	40	3	35	02	0	0	—	16.0	35	12	2
	423	FARAFRA	40	17	0.35	31	3	0	—	17.0	35	12	1
	432	DAKHLA	20	15	15	03	0	0	—	13.5	34	6	-8
	435	KHARGA	40	8	7	00	0	0	—	11.9	33	16	4
Red Sea	450	SUEZ	360	1	35	00	0	0	—	14.6	34	18	6
	459	TOR											
	462	HURGHADA	330	5	30	02	0	0	—	12.5	27	52	16
	465	QUSEIR	360	9	15	02	0	0	—	13.3	27	70	21
	641	PORT SUDAN	50	12	30	01	1	3	Sc	7.0	29	62	21
North Sudan	600	WADI HALFA	20	8	15	02	0	0	—	7.0	35	12	1
	640	ABU HAMAD	360	2	30	02	0	0	—		31	11	-3
	660	KAREIMA	200	14	30	02	0	0	—	5.7	35	9	-3
	680	'ATBARA	360	5	30	02	0	0	—	3.9	39	8	-2
	721	KHARTUM	310	12	30	03	0	3	Ci	3.8	35	13	3
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	601	RENK											
	802	ROSEIRES	130	2	35	02	0	2	Ci	0.6	40	28	18
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA	50	9	30	02	1	4	Ci		34	4	-15
S. Sudan	840	MALAKAL	320	5	30	01	2	1	Ac	1.6	39	6	-5
	880	WAU	70	6	30	02	2	7	Ac Ce	2.5	37	13	4
	941	JUBA	50	10	30			7	Cb, Ac	1.6	36	29	15

At 1800 on Sunday 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud 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	0	0	Ci	17.5	26	25	4	0
SIDI BARANI	00	0	18	00	0	0	—	17.4	25	19	0	0
MATRUH	270	6	12	00	0	0	—	17.3	21	33	4	0
EL DABA	320	2	7	00	0	0	—		21	61	13	0
ALEXANDRIA	00	0	35	00	0	0	—	17.9	20	53	10	0
FOUAD (Airport)												
DAMIETTA	320	2	7	02	0	0	—	17.5	20	64	13	0
PORT SAID	90	6	18	02	0	0	—	16.4	19	68	17	0
EL 'ARISH												
DAMANHUR	40	5	7	02	0	0	—	17.6	20	64	13	0
MANSURA	360	5	35	00	0	0	—	17.5	22	50	11	0
TANTA	00	0	35	02	0	0	—	16.0	21	57	12	0
ZAGAZIG	00	0	35	02	0	0	—	17.2	22	57	13	0
ISMA'ILIA												
FAROUK (Airport)												
ALMAZA	40	14	12	00	0	0	—	16.4	29	27	8	0
EZBEKIYA	40	4	12	00	0	0	—	16.4	24	44	11	0
GIZA	40	4	12	00	0	0	—	16.2	25	42	11	0
HELWAN	360	10	7	02	0	0	—	16.2	26	37	10	0
FAIYUM	00	0	5	02	0	0	—	16.0	25	34	8	0
MINYA	360	10	5	00	0	0	—	14.1	24	36	8	0
ASYUT MAMQABAO	360	10		00	0	0	—	13.0	28	29	8	0
NAG' HAMMADI	90	3		00	0	0	—	12.4	30	25	8	0
QENA				00	0	0	—	11.6	29	19	3	0
LUXOR	10	2	5	00	0	0	—	11.1	25	28	5	0
ASWAN	360	5	5	00	0	0	—	9.4	30	11	-4	0
SIWA	00	0	3	00	0	0	—	17.4	28	23	5	0
BAHARIYA	360	3	5	02	0	0	—	16.2	28	27	7	0
FARAFRA	360	2	7	02	3	0	—	15.8	25	34	8	0
DAKHLA	340	14	5	33	4	0	—	15.8	29	5	-16	0
KHARGA	40	2	5	00	0	0	—	12.8	28	27	7	0
SUEZ	310	2	15	02	0	0	—	15.4	24	26	3	0
TOR												
HURGHADA	330	5	14	02	0	0	—	12.4	26	42	12	0
QUSEIR	330	2	15	02	0	0	—	11.6	26	37	10	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Monday 31st March, 1952

Station	Wind 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	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	270	9	15	00	0	0	—	17.5	+2.2	26	33	+10	21	+9	25	4	0	Rain	
SIDI BARANI	220	4	18	00	0	0	—	17.7		22	32		17		25	1	0	115	
MATRUH	270	8	30	03	0	1	Ci	18.2	+2.5	22	32		14	+2	27	2	0	132	
EL DABA	320	3	15	00	0	0	—			20	34		16		73	15	0	214	
ALEXANDRIA	40	11	50	00	0	0	—	16.7	+1.6	19	27	+5	17	+3	63	16	0	166	181
FOUAD (Airport)	340	8	18	02	0	0	—	16.6	+0.4	20			15	+3	78	16	0	Rain	137
DAMIETTA	20	2	15	00	0	0	—	17.2	+2.2	19	28	+7	13	+1	88	17	0	171	101
PORT SAID	30	3	14	02	0	0	—	15.7	-0.4	20	23?	+3	16	+4	83	17	0	92	
EL 'ARISH																			
DAMANHUR	40	5		02	0	0	—	16.6	+1.4	19	32	+7	14	+3	73	14	0	87	93
MANSURA	320	3	35	00	0	0	—	16.7	+1.3	19	33	+8	14	+3	73	14	0	62	47
TANTA	340	2	35	03	2	8	As	16.0	+0.5	17	32	+6	11	+1	77	13	0	64	34
ZAGAZIG	00	0	35	02	0	0	—	16.5	+1.1	20	33	+7	13	+3	64	13	0	30	24
ISMA'ILIA																			
FAROUK (Airport)	00	0	11	05	0	0	—	16.2		20			15		56	11	0	83	
ALMAZA	00	0	12	00	0	0	—	16.1	-0.2	19	34	+9	12	0	46	7	0	71	
EZBEKIYA	00	2	12	00	0	0	—	16.6	+1.2	20	35	+9	16	+4	53	10	0	61	22
GIZA	360	2	12	00	0	0	—	16.0	+0.2	20	33	+7	12	+3	46	8	0	58	21
HELWAN	00	0	7	05	0	0	—	16.4	+1.1	21	35	+9	17	+4	26	1	0	59	24
FAIYUM	00	0	35	02	0	0	—	15.9	+0.3	21	35	+8	15	+4	33	4	0	23	7
MINYA	350	6	8	00	0	0	—	15.5	-1.2	20	36	+9	13	+4	46	8	0		
ASYUT MAMQABAO	320	3	12	00	0	0	—	15.3	+0.4	20	36	+8	16	+5	64	13	0	3	
NAG' HAMMADI	00	0		00	0	0	—	14.2	-0.1	22	34	+5	16	+5	57	13	0	0.1	
QENA	360	1	15	00	0	0	—	12.8	-1.1	25	37	+4	21	+7	22	2	0	2	
LUXOR	360	4	30	00	0	0	—	12.2	-1.9	24	36		17		34	7	0	dr.	
ASWAN	00	0	50	00	0	3	As	12.0	-1.5	26	36	+3	21	+4	12	-6	0	dr.	
SIWA	00	0	14	00	0	0	—	19.0	+2.3	22	36	+9	15	+5	31	4	0	26	7
BAHARIYA	00	0	35	02	0	0	—	17.1	+1.0	22	35	+7	15	+4	50	11	0	1	7
FARAFRA	110	1	35	02	0	0	—	17.0		22	35		15		44	9	0	Rain	
DAKHLA	160	8	50	00	0	0	—	14.3	-0.8	27	35	+4	21	+9	20	2	0	dr.	
KHARGA	360	4	15	00	0	0	—	12.8	-1.8	25	34	+3	20	+7	28	5	0	dr.	
SUEZ	360	2	15	00	0	0	—	15.2	-0.1	20	34	+8	14	+1	41	6	0	44	14
TOR																			13
HURGHADA	330	12	30	02	0	0	—	13.5	-1.2	23	28	+5	19	+5	41	9	0	0	
QUSEIR	360	9	15	02	0	0	—	12.8	-0.4	25	27	+1	22	+4	61	17	0	dr.	4
PORT SUDAN	360	8	30	03	1	1	Ac	8.1		28	30		22		55	18	0	214	95
WADI HALFA	330	5	15	03	1	3		12.1		27	36		20		33	9	0	dr.	
ABU HAMAD																			
KAREIMA	20	14	4	05	0	0	—	9.3		24	36		20		32	6	0	dr.	1
'ATBARA	360	8	30	02	0	0	—	7.1		25	36		21		45	12	0	0	2
KHARTUM	340	7	30	03	0	1	Ci	7.5		26	37		19		27	5	0	0.6	4
KASSALA	200	2	30	01	0	0	—	6.2		26	39		15		35	9	0	49	8
WAD MEDANI																			12
RENK																			49
ROSEIRES	130	2	35	02	0	2	Ci	7.7		27	41		19		9	-9	0	92	38
EL OBEID																			16
EL FASHER	40	3	30	01	0	4	Ci			17	35		11		28	-2	0	13	6
GENEINA	50	14	30	03	0	8	Cs			22	35		16		13	-8	0		4
MALAKAL	90	7	30	01	2	5	Ac, Ci	7.6		28	40		24		10	-7	0	94	93
WAU																			174
JUBA	180	3	50	03	2	7	Sc, Ac	6.7		28	37		25		66	21	0.2	247	192

UPPER AIR OBSERVATIONS

Humidity — Mean of day

Station	On 30th	Diff. from normal
Alexandria	47	-19
Ezbekiya	47	-11
Giza	61	+1
Helwan	35	-9

GIZA — Grass Minimum Temp. on 31st: 9.9 °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 ____ At ____

Pressure mbs.	Height above M.S.L. metres	T	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 30th

Station	Matruh		Fouad A.P.		P. Said		El Arish		Minya		Asyut		Siwa		Dakhla		Kharga		S. Bareni		Almaza					
Time	14		14		14		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	330	10	330	11	330	16	10	14	10	16	40	20	30	5	30	8	40	23	330	15	350	18				
600	340	16	340	15	320	12	340	15	20	17	30	18	60	7	30	4	50	29	340	15	360	11				
1000	340	16	350	16	330	9	320	15	20	25	30	25	70	6	30	5	50	30	330	10	360	24				
1500	340	17	360	22	320	13	300	9	40	28	30	33	40	9					300	12	30	14				
2000	350	20	360	21	40	11	320	10			30	41	50	11					340	17	20	24				
3000					360	27							50	22					30	9						
4000													50	26												
5000													60	42												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 31st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Mamqabao		Luxor		Aswan		Hurghada		Almaza	
Time	8		8		8								8		8		8		8				8	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	40	5	20	7	20	10							20	13	30	4	360	4					350	4
600	350	10	110	7	30	20							40	11	70	10	360	5	40	5			40	8
1000	350	16	360	17	40	17							30	18	40	10	10	4	50	17			80	5
1500	350	14			40	25							30	3			20	7	50	19				
2000	350	13											40	11			10	18	60	26				
3000	320	12											40	24	40	21								
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		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	24	30	10														
600							50	31	50	17	30	15			350	21							360	7
1000							60	28	70	23	60	15			360	24			10	28	10	10	20	36
1500							70	27	80	49	70	9			350	19			20	23	40	32	20	9
2000											10	6			320	9							300	10
3000									60	25	10	6							240	13	50	7	270	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.

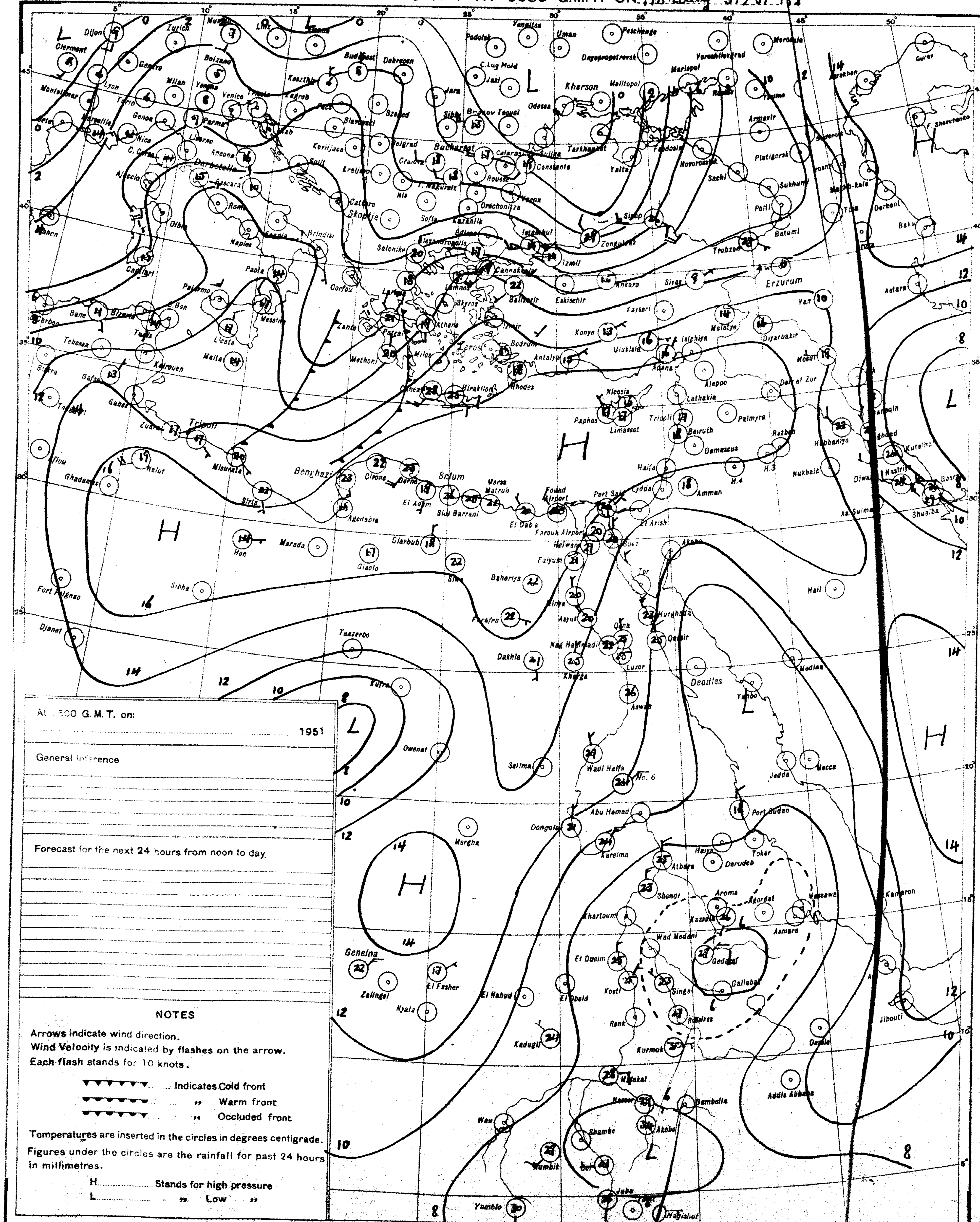
Note: All times are G.M.T.

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 *Monday 31/3/1952*



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 45 G. M. T.
" " Sunset 16 14 G. M. T.

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

DAILY WEATHER REPORT

Date: Tuesday 1st April, 1951

LIBRARY JUN 30 1952 WEATHER BUREAU

Form 7F.

At 1200 on Monday 31st Mar.

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	—	16.3	31	17	3
	303	SÎDI BARÂNI	60	2	30	00	0	0	—	16.4	28	16	0
	306	MATRÛH	340	4	30	00	0	0	—	17.4	24	41	10
	309	EL DAB'A	00	0	15	00	0	0	—		21	50	10
		ALEXANDRIA	340	13	50	00	0	0	—	15.9	20	63	17
	318	FOUAD (Airport)	340	10	18	02	0	0	—	15.8	24	54	14
	330	DAMIETTA	40	2	35	02	0	0	—	15.6	22	78	18
	333	PORT SA'ÎD	10	11	30	02	0	0	—	14.4	22	78	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	15.1	28	45	15
	342	MANSURA	20	5	35	00	0	0	—	15.6	29	40	14
	348	TANTA	00	0	35	02	1	0	—	15.0	29	40	14
	354	ZAGAZIG	00	0	50	02	0	0	—	15.4	29	52	18
	441	ISMAÎLÎA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	340	11	15	00	0	0	—	14.5	28	33	10
		EZBEKÎYA	350	3	18	00	0	0	—	14.8	30	35	13
		GÎZA	350	3	18	00	0	0	—	14.0	29	35	12
	378	HELWÂN	360	12	15	02	0	0		13.8	30	16	1
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	13.9	31	17	3
	387	MINYA	350	10	10	00	0	0	—	12.4	33	19	6
	393	ASYÛT MANQABÂD	310	4	30	00	0	0	—	11.3	36	7	-6
	399	NAG' HAMMÂDI	270	1	7	00	0	0	—	11.2	35	23	11
	402	QENA	90	1	15	00	0	0	—	10.0	37	11	2
	405	LUXOR											
	414	ASWÂN	70	4	50	01	1	3	As	7.4	35	15	5
Oases	417	SÎWA	20	10	14	00	0	0	—	16.7	37	5	-10
	420	BAHARÎYA	40	3	35	02	0	0	—	13.9	34	11	-1
	423	FARAFRA	40	6	35	02	0	0	—	15.2	35	8	1
	432	DAKHLA	360	11	50	00	0	0	—	12.2	34	10	2
	435	KHARGA	20	3	15	00	0	0	—	11.2	35	12	1
Red Sea	450	SUEZ	360	2	35	02	0	0	—	12.6	31	15	1
	459	TÔR											
	462	HURGHÂDA	360	2	30	02	0	0	—	11.8	26	62	18
	465	QUSEIR	360	9	15	02	0	0	—	12.4	28	52	17
	641	PORT SÛDÂN	30	18	10	07	2	6		6.4	29	62	21
Northern Sudan	[illegible]	WÂDI HALFA	30	16	30	03	1	2	Cb	6.8	34	25	11
	[illegible]	ABU HAMAD											
	[illegible]	KAREIMA											
	[illegible]	ATBARA	340	6	30	01	0	1	Cu	3.0	35	15	5
	[illegible]	KHARTUM	320	7	15	05	0	0	—	3.4	36	15	6
	[illegible]	KASSALA	340	1	30	03	1	3	Ci	1.1	38	10	1
Central Sudan	[illegible]	WÂD MEDANI	360	3	35	02	1	3	Ci	2.1	38	4	-11
	801	RENK	310	5	35	02	1	6	Ci		38	9	-1
	802	ROSEIRES	130	2	35	02	1	3	Ci	0.8	39	23	14
	771	EL OBEID	290	12	30	02	1	2	Ci	3.1	35	4	-14
	760	EL FASHER	360	5	30	01	1	2	Ci		33	23	9
	770	GENEINA	50	7	30	02	2	8	Cs		34	5	-10
S. Sûdân	840	MALAKÂL											
	880	WÂU	70	3	30	02	2	8	Ac,Cs	3.2	39	8	-2
	941	JUBA											

At 1800 on Monday 31st Mar.

Station	Wind Direction	Wind Velocity in knots	Visibility 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	00	0	0	—	15.4	25	26	4	0
SÎDI BARÂNI	150	3	18	00	0	0	—	15.9	23	29	4	0
MATRÛH	00	0	10	00	0	0	—	17.2	19	64	12	0
EL DAB'A	320	3	7	00	0	0	—		19	73	14	0
ALEXANDRIA												
FOUAD (Airport)												
DAMIETTA	340	2		02	0	0	—	14.6	18	97	18	0
PORT SA'ÎD												
EL 'ARISH												
DAMANHUR	40	9	7	02	0	0	—	16.3	19	73	14	0
MANSURA	360	5		00	0	0	—	15.1	19	83	16	0
TANTA	00	0	15	02	0	0	—	15.6	20	64	13	0
ZAGAZIG	00	0	35	02	0	0	—	15.6	21	83	18	0
ISMAÎLÎA												
FAROUK (Airport)	70	10	14	02	1	0	—	14.8	24	67	18	0
ALMÂZA												
EZBEKÎYA	360	3	12	00	0	0	—	14.4	24	54	14	0
GÎZA	360	3	12	00	0	0	—	14.7	24	61	16	0
HELWÂN	360	13	7	01	1	2	Ci	14.4	25	54	15	0
FAIYÛM												
MINYA	360	9	8	00	0	0	—	13.9	22	47	10?	0
ASYÛT	310	4	10	00	0	0	—	11.7	26	28	6	0
NAG' HAMMÂDI	320	2		00	0	0	—	11.1	30	25	8	0
QENA	00	0	7	00	0	0	—	10.8	30	21	5	0
LUXOR	00	0	12	00	0	0	—	10.3	27	20	2	0
ASWÂN	360	4	15	00	0	0	—	8.7	29	23	6	0
SÎWA	60	4	8	00	0	0	—	16.3	30	16	1	0
BAHARÎYA	40	4	15	02	0	0	—	14.2	29			0
FARAFRA	360	3	7	02	0	0	—	13.4	26	25	4	0
DAKHLA	320	11	35	00	0	0	—	11.8	29	5	-16	0
KHARGA	00	0	15	00	0	0	—	11.8	28	12	-4	0
SUEZ	330	3	15	02	0	0	—	13.0	24	41	10	0
TÔR												
HURGHÂDA	320	11	30	02	0	0	—	11.1	[illegible]	55	[illegible]	0
QUSEIR	360	2	15	02	0	0	—	11.8	26	30	7	0

At 0600 on Tuesday 1st April, 1952

Station	Wind 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	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs. mms.	Total from Oct. 1st	Normal from Oct. 1st	Station
SALUM	200	1	15	00	0	0	—	16.4	+1.1	27	33?	+10	22	+10	20	2	0	Rain		SALUM
SÎDI BARÂNI	230	4	18	00	0	0	—	16.5		24	33?		18		18	-2	0	115		SÎDI BARÂNI
MATRÛH	220	6	18	00	0	0	—	17.1	+1.5	25	26		14		22	2	0	132		MATRÛH
EL DAB'A	00	0	15	00	0	0	—			21	25		12		50	10	0	214		EL DAB'A
ALEXANDRIA	220	5	50	03	1	3	Ci	17.5	+2.4	21	22	0	16	+2	65	14	0	166	181	ALEXANDRIA
FOUAD (Airport)	220	5	18	02	0	0	—	17.0	+0.8	20			11	-1	73	15	0	Rain	137	FOUAD (Airport)
DAMIETTA	200	2	0.8	49	4	0	—	16.7	+1.8	16	23	+2	14	+2	97	16	0	171	101	DAMIETTA
PORT SA'ÎD	210	8	5	05	1	6	St, Ci	16.9	+0.8	20			16	+2	88	18	0	92		PORT SA'ÎD
EL 'ARISH	170	4	18	00	0	0	—	16.9	+1.9	18			11				0	101		EL 'ARISH
DAMANHÛR	310	5	7	02	1	1	Cu	16.6	+1.4	17	29	+4	14	+3	77	13	0	87	94	DAMANHÛR
MANSÛRA	220	3		47	4	9		18.0	+2.6	15	30	+5	13	+2	97	15	0	62	48	MANSÛRA
TANTA	00	0	35	02	0	0	—	17.2	+1.8	15	32	+6	13	+3	97	15	0	64	35	TANTA
ZAGAZIG	00	0	35	02	0	0	—	17.1	+1.8	16	31	+5	13	+3	88	14	0	30	25	ZAGAZIG
ISMAÎLÎA																				ISMAÎLÎA
FAROUK (Airport)	00	0	8	05	2	2	St, Ci	17.8		17	30		12		88	15	0	83		FAROUK (Airport)
ALMÂZA	00	0	8	03	4	1	Ci	17.2	+1.1	16			13	+1	94	15	0	71		ALMÂZA
EZBEKÎYA	00	0	12	00	0	0	—	17.1	+1.7	18	31	+4	14	+2	78	14	0	61	23	EZBEKÎYA
GÎZA	00	0	12	02	0	0	—	16.6	+0.9	16	30	+4	14	+5	88	14	0	58	22	GÎZA
HELWÂN	00	0	3	05	1	2	Ci	17.6	+2.4	17	31	+5	14	+1	77	13	0	59	25	HELWÂN
FAIYÛM	360	4	35	02	0	0	—	16.6	+1.0	20			16	+5	64	13	0	23	7	FAIYÛM
MINYA	350	8	10	00	0	0	—	15.6	-1.1	20	34	+7	15	+6	64	13	0	5		MINYA
ASYÛT MANQABÂD											37	+9								ASYÛT MANQABÂD
NAG' HAMMÂDI	00	0	7	00	0	0	—	15.5	+1.3	21	36	+7	15	+4	65	14	0	0.1		NAG' HAMMÂDI
QENA	00	0	15	00	0	0	—	14.3	+0.4	23	37	+4	18	+4	38	8	0	2		QENA
LUXOR	60	2	30	00	0	0	—	14.0	0.0	24	36		14		28	4	0	dr.		LUXOR
ASWÂN	00	0	50	00	0	0	—	13.6	+0.2	26	36	+3	20	+3	28	6	0	dr.		ASWÂN
SÎWA	00	0	14	00	0	0	—	18.0	+2.4	23	38	+11	15	+5	34	6	0	26	7	SÎWA
BAHARÎYA	00	0	35	02	0	0	—	17.2	+1.2	21	35	+7	15	+4	50	10	0	1	7	BAHARÎYA
FARAFRA	360	2	15	02	0	0	—	16.6		22	35		16		44	9	0	Rain		FARAFRA
DAKHLA	160	8	50	00	0	0	—	15.0	0.0	24	35	+4	18	+6	32	6	0	dr.		DAKHLA
KHARGA	00	0	15	00	0	0	—	14.3	-0.2	21	35	+4	18	+5	33	4	0	dr.		KHARGA
SUEZ	360	7	35	00	0	0	—	16.0	+0.7	20	33	+7	15	+1	73	15	0	44	15	SUEZ
TÔR																			13	TÔR
HURGHADA	340	13	30	02	0	0	—	14.5	-0.1	23	28	+5	21	+7	50	12	0	0		HURGHADA
QUSEIR	360	2	15	02	0	0	—	14.4	+1.3	27	28	+2	21	+3	42	13	0	dr.	4	QUSEIR
PORT SÛDÂN																			95	PORT SÛDÂN
WÂDI HALFA	360	4	10	05	0	0	—	12.4		24	36		19		38	9	0	dr.		WÂDI HALFA
ABU HAMAD	360	7	30	02	0	0	—			25	35		19		42	11	0			ABU HAMAD
KAREIMA	20	7	30	02	0	0	—	11.0		26	35		21		42	12	0	dr.	1	KAREIMA
ATBARA	360	12	10	0[illegible]	0	0	—	9.9		25	36		22		47	13	0	0	2	ATBARA
KHARTÛM	350	4	65	05	0	1	Ci	9.9		27	36		23		37	11	0	0.6	4	KHARTÛM
KASSALA	230	3	30	02	1	3	Ci	8.5		26	39		17		30	7	0	49	9	KASSALA
WÂD MEDANI																			12	WÂD MEDANI
RENK	30	0	35	02	2	7	Ac			24	39		19		34	7	0		49	RENK
ROSEIRES	130	2	35	02	1	3	Ci	10.2		27	40		19		40	12	0	92	39	ROSEIRES
EL OBEID	350	12	30	02	1	5	Cs	9.6		25	36		20		21	1	0	15	17	EL OBEID
EL FÂSHER																			6	EL FÂSHER
GENEINA																			4	GENEINA
MALAKÂL	00	0	30	03	2	8	Cs	10.5		28	39		22		40	13	0	94	94	MALAKÂL
WÂU																			175	WÂU
JUBA																			193	JUBA

HUMIDITY % Mean of day

Station	on 31st	Diff. from normal
[illegible]	79	+13
[illegible]	47	-10
Giza	48	-12
Helwan	34	-10

GÎZA GRASS MINIMUM TEMP. ON 1st April, 13.4

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 .... At ....; .... AIRPORT — On .... At ....; .... AIRPORT — On .... At ....

Pressure 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	Siwa		Dakhla		Kharga		Matruh		S. Barani	
Time	14		14		14		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	16	360	14	50	16	10	6	350	14
600	50	10	10	18	50	16	350	5	330	14
1000	10	10	10	19	50	16	360	16	340	16
1500	20	11			50	13	350	15	340	10
2000	30	17					350	14	320	14
3000	30	26					360	15	310	17
4000	40	22					330	7	310	15
5000	40	27								
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 1st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time	8		4		8				7				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	290	9	50	3	340	7			160	4			20	20	320	5								
600	270	12	330	14	340	20			250	7			80	22	70	16			110	3				
1000	300	17	320	15	340	18			350	10			40	23	60	11			80	8				
1500	320	19	330	17	340	22			360	15					60	15			40	29				
2000	330	9	310	17					360	11					60	11								
3000			20	14					340	27					50	24								
4000									350	16														
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8		4		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			70	22	20		10	13	50	5														
600	110	23	60	24	70	23	40	11	50	19			350	13	10	12							210	13
1000	80	23	60	38	70	17	60	15	80	13	30	12	60	10	30	19			360	25			230	9
1500	50	19	50	27	60	17	50	16	40	21	40	11	30	19	10	9			350	15			90	2
2000	20	22	60	27			50	23	20	21			20	18	320	9			250	10				
3000	30	16									340	12			260	22			250	11			230	4
4000	360	18													240	10								
5000	20	[illegible]																					200	10
6000	30	14													270	19								
7000	20	13																						
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.

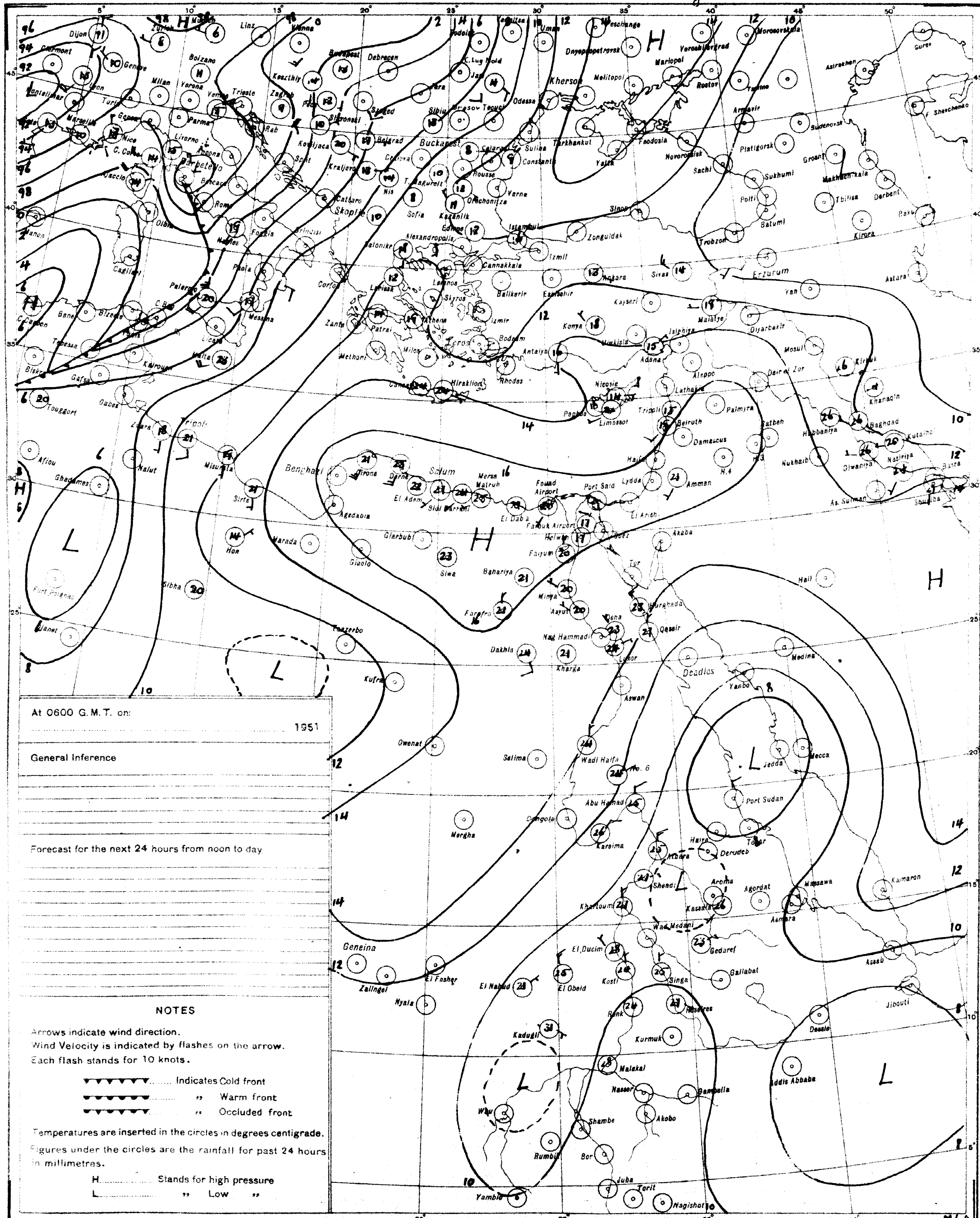
Note: All times are G.M.T.

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 1/4/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 44 G.M.T.
" " Sunset 16 14 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Wednesday 2nd April, 1951

At 1200 on Tuesday 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	270	5	35	01	1	2	Ci	13.8	38	6	-5
	303	SÎDI BARÂNI											
	306	MATRÛH	320	6	30	03	1	3	Ci	16.9	30	16	1
	309	EL DAB'A	320	5	35	00	0	0	—		30	16	1
		ALEXANDRIA	270	17	50	00	0	0	—	16.6	25	34	8
	318	FOUAD (Airport)	300	13	18	02	0	0	—	16.2	28	19	2
	330	DAMIETTA	320	5	35	00	0	0	—	15.5	29	19	3
	333	PORT SA'ÎD	340	4	30	02	0	0	—	14.5	26		
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	0	0	—	15.8	32	20	6
	342	MANSURA	340	3	35	00	0	0	—	16.2	33	30	13
	348	TANTA	00	0	35	02	0	0	—	15.8	33	30	13
	354	ZAGAZIG	00	0	50	02	0	0	—	16.8	33	30	13
	441	ISMA'ÎLIA											
Cairo Area	366	FAROUK (Airport)	340	11	12	00	0	0	—	14.9	33	12	0
	372	ALMAZA	340	11	15	00	0	0	—	15.2	32	20	6
		EZBEKIYA	360	3	18	00	0	0	—	15.2	34	20	8
		GÎZA	360	3	18	00	0	0	—	14.8	33	21	8
	378	HELWÂN	340	12	15	02	0	0	—	14.8	34	10	-2
Upper Egypt	381	FAIYÛM	330	6	35	02	0	0	—	14.1	36	10	-1
	387	MINYA	360	10	10	00	0	0	—	13.5	35	19	8
	393	ASYÛT MANQABÂD	220	3	30	00	0	0	—	12.3	37	14	8
	399	NAG' HAMMADI	00	0		00	0	0	—	12.4	34	27	12
	402	QENA	340	1	50	00	0	0	—	11.1	37	8	-3
	405	LUXOR	50	2	30	00	0	0	—	11.5	36	12	2
	414	ASWÂN	360	5	50	00	0	0	—	11.9	34	18	6
Oases	417	SÎWA	00	0	14	00	0	0	—	17.5	36	13	3
	420	BAHARÎYA	40	2	35	02	0	0	—	14.4	37	9	-1
	423	FARAFRA	40	4	15	02	0	0	—	15.6	38	7	-4
	432	DAKHLA	320	11	50	00	0	0	—	13.1	35	8	-4
	435	KHARGA											
Red Sea	450	SUEZ	360	6	50	02	0	0	—	13.4	33	16	4
	459	TÛR											
	462	HURGHADA											
	465	QUSEIR	20	9	15	02	0	0	—	12.7	26	74	21
	641	PORT SÛDÂN	40	15	30	02	1	1	Cu	8.9	28	66	21
North Sudan	600	WÂDI HALFA	50	10	30	03	0	2	SC	10.0	34	20	8
	640	ABU HAMAD	360	2	30	03	0	1	Cu		34	20	8
	660	KAREIMA	20	2	30	02	0	0	—	8.5	34	20	8
	680	'ATBARA	10	5	30	03	0	1	Cu	5.8	35	20	9
	721	KHARTUM	340	9	15	05	0	0	—	6.0	35	18	7
	730	KASSALA	250	5	30	02	1	5	CS	5.2	39	12	5
Central Sudan	761	WÂD MEDANI	50	5	35	02	1	3	Ci	9.9	37	10	0
	801	RENK	310	5	35	02	2	7	AS		38	15	7
	802	ROSEIRES	50	2	35	02	2	7	Ci	6.5	37	27	15
	771	EL OBEID	320	11	30	01	1	3	Ci	5.7	36	9	-2
	750	EL FASHER	360	5	30	01	0	1	Ci		34	14	3
	770	GENEINA	00	0	30	02	0	0	—		35	12	1
S. Sudan	840	MALAKÂL	320	7	30	03	2	8	Cu, CS	6.0	37	17	8
	880	WÂU											
	941	JUBA	200	8	50	02	2	8	Ci, Ac	8.2	31	47	19

At 1800 on Tuesday 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	Rain Past 12 hrs mms
Mediterranean	62300	SALÛM	00	0	15	00	0	0	—	16.0	27	27	7	0
	303	SÎDI BARÂNI	140	6	18	00	1	0	—	15.9	25	18	-1	0
	306	MATRÛH												
	309	EL DAB'A	00	0	7	00	0	0	—		21	41	7	0
		ALEXANDRIA												
	318	FOUAD (Airport)	320	11	12	01	1	3	Ci	16.4	20	69	14	0
	330	DAMIETTA												
	333	PORT SA'ÎD	330	15	15	02	0	0	—	14.8	20	78	16	0
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR												
	342	MANSURA	320	5		00	0	0	—	16.4	22	53	12	0
	348	TANTA	00	0	35	02	0	0	—	16.7	21	57	12	0
	354	ZAGAZIG												
	441	ISMA'ÎLIA												
Cairo Area	366	FAROUK (Airport)	20	10	12	00	0	0	—	16.8	25	54	15	0
	372	ALMAZA												
		EZBEKIYA	00	0	12	00	0	0	—	16.2	26	40	11	0
		GÎZA	00	0	12	00	0	0	—	15.9	25	34	8	0
	378	HELWÂN	340	6	7	02	0	0	—	15.8	28	27	7	0
Upper Egypt	381	FAIYÛM												
	387	MINYA	360	8	8	00	0	0	—	14.2	25	30	6	0
	393	ASYÛT MANQABÂD	310	4	10	00	0	0	—	13.4	28	25	6	0
	399	NAG' HAMMADI	00	0	7	00	0	0	—		31	26	9	0
	402	QENA												
	405	LUXOR	30	10	12	00	0	0	—	12.2	30	11	-4	0
	414	ASWÂN												
Oases	417	SÎWA	00	0	10	00	0	0	—	16.7	26	27	5	0
	420	BAHARÎYA	40	3	15	02	0	0	—	15.8	31	43	17	0
	423	FARAFRA	90	1	15	02	0	0	—	15.1	28	40	13	0
	432	DAKHLA	320	11	35	00	0	0	—	12.7	29	19	3	0
	435	KHARGA	00	0	15	00	0	0	—	13.5	29	9	-7	0
Red Sea	450	SUEZ												
	459	TÛR												
	462	HURGHADA												
	465	QUSEIR	350	5	12	02	0	0	—	11.7	22	69	16	0
	641	PORT SÛDÂN												
North Sudan	600	WÂDI HALFA												
	640	ABU HAMAD												
	660	KAREIMA												
	680	'ATBARA												
	721	KHARTUM												
	730	KASSALA												
Central Sudan	761	WÂD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID												
	750	EL FASHER												
	770	GENEINA												
S. Sudan	840	MALAKÂL												
	880	WÂU												
	941	JUBA												

At 0600 on Wednesday 2nd April, 1952

Station	Wind 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	5	15	00	0	0	—	16.3	+1.1	29	38	+15	23	+11	14	-1	0	Rain	
SÎDI BARÂNI											35								
MATRÛH	180	9	30	00	0	0	—	17.3	+1.7	25			14		17	-2	0	132	
EL DAB'A			15	00	0	0	—			21	31		13		41	7	0	214	
ALEXANDRIA	00	0	35	00	0	0	—	17.9	+2.9	22			17	+3	57	13	0	166	181
FOUAD (Airport)	00	0	18	02	0	0	—	17.7	+1.5	21	30	+9	14	+2	74	16	0	Rain	137
DAMIETTA	250	2	15	00	0	0	—	17.0	+2.1	19			13	+1	83	16	0	171	101
PORT SA'ÎD	320	4	10	01	0	1	Ci	16.9	+0.9	21	28	+8	16	+1	74	16	0	92	
EL 'ARISH	360	7	30	02	0	1	Ci	16.8	+2.1	20			13		56	11	0	101	
DAMANHUR	310	5		02	0	0	—	17.4	+2.3	19			14	+3	78	15	0	87	94
MANSURA	220	5	35	00	0	0	—	17.9	+2.6	20	35	+10	13	+2	73	15	0	62	48
TANTA	00	0	35	01	0	0	—	17.2	+1.8	17	33	+7	12	+2	88	15	0	64	35
ZAGAZIG	00	0	35	02	0	0	—	17.6	+2.3	20			13	+3	78	16	0	30	25
ISMA'ÎLIA																			
FAROUK (Airport)	00	0	12	00	0	0	—	18.4		20	35		15		69	14	0	83	
ALMAZA	00	0	12	00	0	0	—	17.8	+1.5	21			16	+4	65	14	0	71	
EZBEKIYA	00	0	12	00	0	0	—	17.6	+2.3	21	35	+8	16	+4	57	12	0	61	23
GÎZA	00	0	12	00	0	0	—	17.1	+1.4	20	34	+8	13	+3	64	13	0	58	22
HELWÂN	00	0	3	05	0	0	—	18.0	+2.9	19	35	+9	16	+3	52	9	0	59	25
FAIYÛM	00	0	35	02	0	0	—	17.8	+2.8	20			15	+4	26	11	0	23	8
MINYA	350	7	8	00	0	0	—	17.0	+0.4	20	36	+8	14	+5	49	9	0	5	
ASYÛT MANQABÂD	280	7	12	00	0	0	—	17.2	+2.4	22	38	+10	17	+6	47	10	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	15.9	+1.8	22	37	+8	15	+4	50	11	0	0.1	
QENA	00	0	15	00	0	0	—	15.5	+1.7	22			15	+1	44	9	0	2	
LUXOR	340	3	30	00	0	0	—	15.5	+1.6	23	37		18		27	3	0	dr.	
ASWÂN	20	6	50	00	0	0	—	14.8	+1.5	25			20	+3	34	8	0	dr.	
SÎWA	00	0	14	00	0	0	—	18.2	+1.7	23	39	+12	15	+5	27	3	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	17.6	+1.6	25	37	+9	16	+5	34	8	0	1	7
FARAFRA	00	0	15	10	4	0	—	18.2		24	38		18		47	12	0	Rain	
DAKHLA	180	8	50	00	0	0	—	16.2	+1.3	27	36	+5	22	+10	33	9	0	dr.	
KHARGA	00	0	15	00	0	0	—	15.2	+0.7	22	36	+5	20	+7	36	6	0	dr.	
SUEZ	360	6	50	00	0	0	—	16.6	+1.4	20			15	+1	64	13	0	44	15
TÛR	310	2	35	02	0	0	—	15.4	+2.1	24			19	+4	69	18	0	1	13
HURGHADA	340	3	30	02	0	0	—	15.5	+0.9	24	27	+4	19	+5	57	15	0	0	
QUSEIR	360	2	15	02	0	0	—	14.8	+1.8	26			21	+3	42	12	0	dr.	4
PORT SÛDÂN	340	10	30	02	0	1	SC Cu	13.7		27	29		21		52	16	0	211	95
WÂDI HALFA	20	1	30	02	0	0	—	13.1		25					28	5	0	dr.	
ABU HAMAD	20	3	30	02	0	0	—			27	35		21		37	11	0		
KAREIMA	70	4	30	02	0	0	—	10.6		27	35		25		40	12	0	dr.	1
'ATBARA	20	10	30	02	0	1	Ci	10.5		27	35		22		42	13	0	0	2
KHARTUM	340	7	30	03	1	6	Ci	10.6		29	37		23		19	3	0	0.6	4
KASSALA																			9
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			39
EL OBEID																			17
EL FASHER																			6
GENEINA	50	2	30	02	0	0	—			22	37		16		17	-4	0		4
MALAKÂL	360	3	30	03	2	8	AC CS	10.9		29	39		25		46	16	0	94	94
WÂU																		176	
JUBA	180	7	50	02	2	7	AC CS	11.5		26	33		24		66	19	0	247	195

HUMIDITY %

Mean of day

Station	On 1st	Diff. from normal
Alexandria	67	+1
Ezbekiya	54	-3
Giza	61	+2
Helwân	54	+11

GIZA GRASS MINIMUM TEMP. ON 2nd 10.6 °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						..... 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 1st

Station	Fouad Air.		Kharga		Siwa		Dakhla		Minya		Asyut		Almaza												Port Said		Minya	
Time	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.	Dir.	Vel.
300	320	17	50	14	100	2	30	10	350	18	300	20	340	15											330	12	10	35
600	340	17	50	17	80	2	30	12	350	14	350	11	350	16											330	14	10	36
1000	340	27	50	16	60	6	40	16	360	17	50	11	350	17											340	18	60	22
1500	340	22	40	13	80	11			360	24	50	9	20	18											340	30		
2000					60	18							20	17														
3000					50	10																						
4000					30	9																						
5000					30	10																						
6000					350	5																						
7000																												
8000																												

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		Almaza	
Time	8				2		2		8				2		8		8		8				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	5					280	6	200	8			30	24	350	7	80	6	360	4			10	10
600	210	9			360	14	280	7	200	4			50	20	30	17	40	4	50	10			10	14
1000	210	9			20	16	290	6					40	20	30	23	40	17	50	23			10	20
1500	250	5			350	15	360	3	280	21			30	20	30	21	30	17	40	29			60	7
2000	240	6							270	28					360	23	70	10	50	34				
3000	270	4															70	12						
4000	180	2																						
5000	250	7																						
6000	290	10																						
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		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			90	19	30	5	30	19	40	12														
600			90	22	60	14	50	25	50	16	60	11											190	19
1000			90	10	60	27	60	25	40	22	50	13							10	23	20	12	190	25
1500			60	3	60	33	70	21	40	20	20	15							360	17	250	26	220	5
2000			90	21			60	17											310	6	360	4		
3000											330	7							260	12	350	5	340	9
4000																								
5000																			260	10				
6000																			230	12				
7000																								
8000																			210	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.

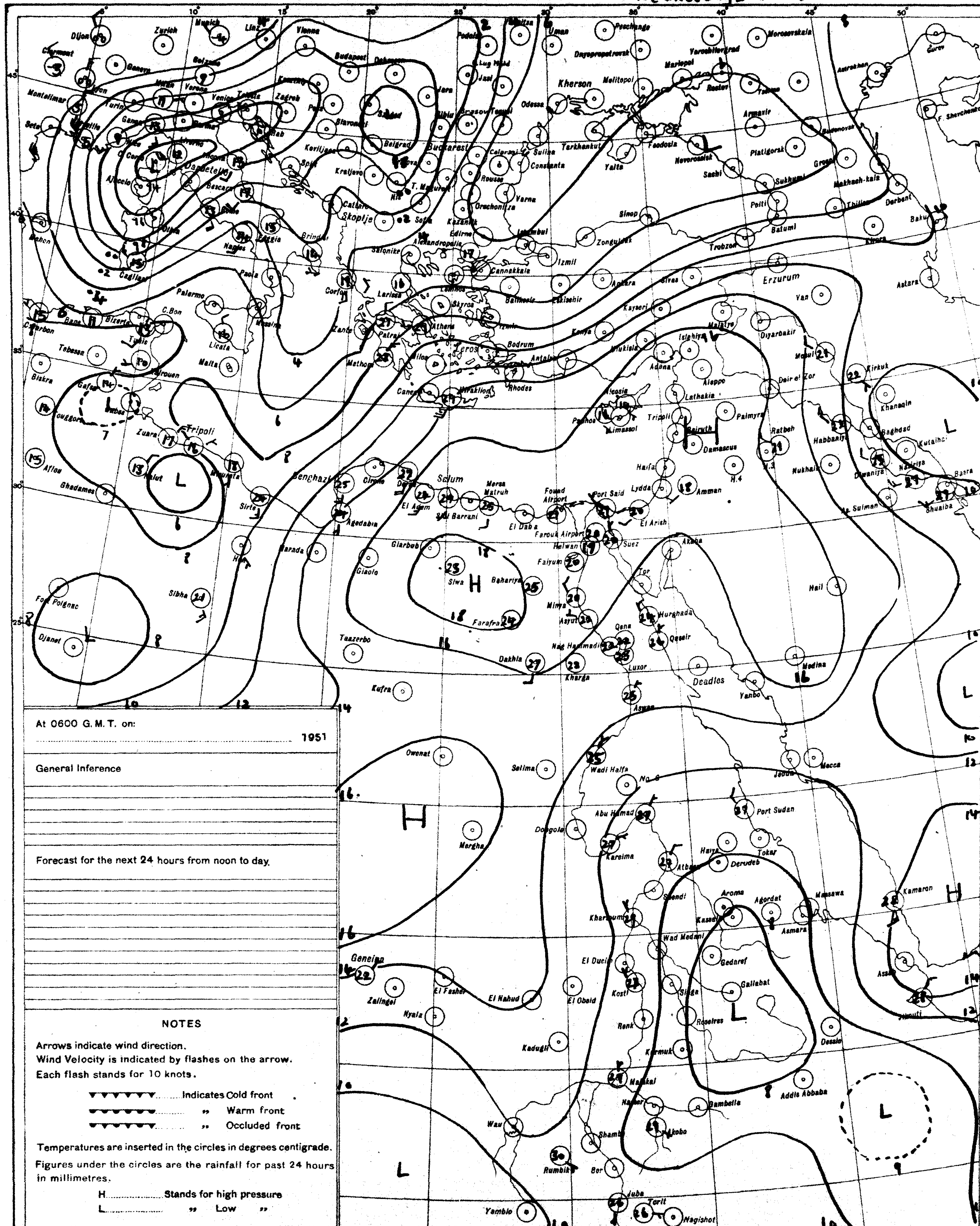
Printed by the Survey of Egypt 1949 (48/557).(50/531)

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 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
	,, 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 42 G. M. T.
" " Sunset 16 15 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 3rd April, 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	180	5	35	00	0	0	—	14.6	37	14	6
	303	SÎDI BARÂNI	30	3	30	00	0	0	—	15.1	37	14	6
	306	MATRÛH	70	6	30	00	0	0	—	16.1	36	13	4
	309	EL DABʻA	20	2	35	00	0	0	—		30	25	8
		ALEXANDRIA	40	10	50	00	0	0	—	16.8	28	45	15
	318	FOUAD (Airport)	310	5	12	04	0	0	—	16.5	27	52	16
	330	DAMIETTA	360	2	35	02	0	0	—	15.6	25	54	15
	333	PORT SAʻÎD	10	5	14	02	0	0	—	15.6	22	78	18
	336	EL ʻARISH	320	6	30	02	1	2	Ci	16.8	22	74	17
LOWER EGYPT	339	DAMANHUR	40	5	15	02	0	0	—	16.8	28	33	10
	342	MANSURA	40	5	35	00	0	0	—	16.3	33	24	10
	348	TANTA	90	2	35	02	0	0	—	16.3	33	21	8
	354	ZAGAZIG	40	1	50	02	0	0	—	16.6	32	38	16
	441	ISMAʻILÎA											
CAIRO AREA	366	FAROUK (Airport)	50	11	14	00	0	0	—	16.3	33	21	8
	372	ALMÂZA	20	16	15	00	0	0	—	15.3	33	16	4
		EZBEKÎYA	360	2	18	00	0	0	—	15.2	34	23	10
		GÎZA	360	2	18	00	0	0	—	14.8	32	24	9
	378	HELWÂN	360	12	15	02	0	0	—	14.8	35	12	1
UPPER EGYPT	381	FAIYÛM	360	6	35	02	0	0	—	15.4	36	13	4
	387	MINYA	360	10	12	00	0	0	—	14.1	35	19	8
	393	ASYÛT MANQABÂD	360	6	30	00	0	0	—	12.5	37	12	3
	399	NAGʻ HAMMÂDI	00	0	15	00	0	0	—	12.4	37		
	402	QENA	00	0	50	00	0	0	—	11.1	39	11	3
	405	LUXOR											
	414	ASWÂN	70	7	50	00	0	0	—	9.9	38	9	0
OASES	417	SÎWA	110	6	14	00	0	0	—	16.7	37	11	1
	420	BAHARÎYA	40	2	35	02	0	0	—	15.1	36		
	423	FARAFRA	70	3	15	02	0	0	—	15.2	37	22	12
	432	DAKHLA	20	11	50	00	0	0	—	12.8	37	8	-3
	435	KHARGA	360	1	15	00	0	0	—	13.1	36	13	4
RED SEA	450	SUEZ	360	7	50	02	0	0		14.2	32	38	16
	459	TÔR	310	12	35	02	0	0	—	12.7	28	52	17
	462	HURGHÂDA	60	16	30	02	0	0	—	12.7	26	62	18
	465	QUSEIR	20	13	15	02	0	0	—	11.2	27	62	19
	641	PORT SÛDÂN	50	10	30	02	0	3	Cu	10.2	29	62	21
NORTH SÛDAN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʻATBARA											
	721	KHARTÛM											
	730	KASSALA	310	5	30	03	2	6	Cs	3.9	39	12	5
CENTRAL SÛDAN	751	WÂD MEDANI	270	5	35	01	1	3	Ci	4.7	39	7	-3
	801	RENK	310	9	35	02	0	5	Ci		38	18	10
	802	ROSEIRES	230	2	35	02	0	0	—	4.7	38	29	17
	771	EL OBEID	310	9	30	03	2	7	Cs	5.9	36	13	3
	760	EL FÂSHER	40	4	30	02	0	1	Ci		35	9	-2
	770	GENEINA	340	1	30	02	0	0	—		35	10	-1
S. SÛDAN	840	MALAKÂL	270	2	30	03	1	6	Cu,Ci	5.3	38	25	15
	880	WÂU											
	941	JUBA	230	3	50	15	2	5	Cb,AC	5.1	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.
SALÛM	320	2	15	00	0	0	—	14.3	29?	19	3	0
SÎDI BARÂNI	120	5	18	01	0	0	—	14.3	32?	22	8	0
MATRÛH	90	8	18	00	0	0	—	16.3	23	38	8	0
ALEXANDRIA	40	8	35	00	0	0	—	17.5	22	44	9	0
PORT SAʻÎD	40	8	10	02	0	0	—	16.6	20	88	18	0
DAMANHUR	40	9	7	02	0	0	—	17.4	20	73	15	0
MANSURA	40	5		00	0	0	—	17.8	22	65	15	0
FAROUK (Airport)	70	9	12	00	0	0	—	17.2	27	42	13	0
EZBEKÎYA	20	3	12	00	0	0	—	17.4	26	40	11	0
GÎZA	20	3	12	00	0	0	—	16.2	27	33	9	0
HELWÂN	20	18	7	02	0	0	—	15.6	28	15	-1	0
MINYA	360	8	8	00	0	0	—	13.7	24	38	9	0
ASYÛT MANQABÂD	00	0	12	00	0	0	—	12.8	28	19	2	0
LUXOR	90	10	12	00	0	0	—	10.6	32	10	-3	0
FARAFRA	70	2	15	02	0	0	—	14.4	28	27	7	0
DAKHLA	340	11	35	00	0	0	—	12.6	30	16	1	0
KHARGA	360	3	15	00	0	0	—	13.4	29	9	-7	0
TÔR	00	0		02	0	0	—	14.0	24	69	18	0

At 0600 on Thursday 3rd April, 1952

Station	Wind 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	180	13	15	00	0	0	—	14.0	-1.1	29	38	+14	23	+11	19	3	0	Rain	
SÎDI BARÂNI	160	13	30	00	0	0	—	14.8		27	38		19		16	-1	0	115	
MATRÛH	170	9	30	00	0	0	—	16.5	+1.0	26	37		16		18	0	0	132	
EL DABʻA	00	0	15	00	0	0	—			19			12		52	9	0	214	
ALEXANDRIA	130	11	35	00	0	0	—	17.9	+3.0	20	28	+5	17	+3	73	15	0	166	181
FOUAD (Airport)	100	5	12	02	0	0	—	17.8	+1.6	19			15	+3	83	16	0	Rain	137
DAMIETTA	40	5	7	03	1	7	AS	17.9	+3.1	17			11	-1	97	17	0	171	101
PORT SAʻÎD	80	11	10	01	2	6	SC	17.6	+1.6	18	24	+3	16	+1	88	16	0	92	
EL ʻARISH																			
DAMANHÛR	130	5	3	28	4	0	—	18.2	+3.1	17	29	+4	13	+2	88	15	0	87	94
MANSÛRA	40	5	15	03	2	8	AS	18.4	+3.2	17	34	+9	14	+3	88	15	0	62	48
TANTA																			35
ZAGAZIG	40	1	35	02	0	0	—	18.0	+2.8	18			11	+1	88	16	0	30	25
ISMAʻILÎA																			
FAROUK (Airport)	60	12	12	00	0	0	—	17.7		25	34		16		54	15	0	83	
ALMÂZA	60	8	12	00	0	0	—	16.9	+0.6	22			16	+4	57	13	0	71	
EZBEKÎYA	350	2	12	00	0	0	—	17.0	+1.7	21	34	+7	16	+4	50	10	0	61	23
GÎZA	350	2	12	00	0	0	—	16.7	+1.1	19	33	+6	11	+1	64	12	0	58	22
HELWÂN	00	0	7	05	0	0	—	17.0	+2.0	21	35	+8	18	+5	50	10	0	59	25
FAIYÛM	00	0	35	02	0	0	—	17.2	+1.8	23			15	+3	38	8	0	23	8
MINYA	360	1	8	00	0	0	—	15.1	-1.5	20	35	+7	13?	+3	56	11	0	5	
ASYÛT MANQABÂD	280	5	12	00	0	0	—	14.4	-0.3	22	38	+10	18	+7	36	6	0	3	
NAGʻ HAMMÂDI																			
QENA																			
LUXOR	360	2	30	00	0	0	—	13.6	-0.2	26	38		18		23	3	0	dr.	
ASWÂN																			
SÎWA	00	0	14	00	0	0	—	16.8	+0.4	25			15	+5	26	4	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	16.2	+0.3	27			16	+5	30	6	0	1	7
FARAFRA	270	1	15	02	0	0	—	15.6		21	37		16		41	7	0	Rain	
DAKHLA	00	0	50	00	0	0	—	14.3	-0.6	25	38	+7	17?	+4	28	5	0	dr.	
KHARGA	00	0	15	00	0	0	—	13.8	-0.6	26	37	+6	21?	+7	30	7	0	dr.	
SUEZ	360	6	35	00	0	0	—	17.1	+2.0	21			17	+3	57	12	0	44	15
TÔR	00	0	50	02	0	0	—	14.8	+1.6	23					38	8	0	1	13
HURGHADA	340	1	30	02	0	0	—	14.5	0.0	24			16	+2	41	10	0	0	
QUSEIR	360	2	15	02	0	0	—	133	+0.3	28			22	+4			0	dr.	4
PORT SÛDÂN																			95
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
ʻATBARA																			2
KHARTÛM																			4
KASSALA																			9
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			39
EL OBEID																			17
EL FÂSHER																			6
GENEINA																			4
MALAKÂL																			95
WÂU																			178
JUBA																			198

HUMIDITY % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	50	-16
Ezbekiya	44	-13
Giza	44	-15
Helwân	32	-11

GÎZA
GRASS MINIMUM TEMP. ON 3rd 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 ... At ...

Pressure 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 2nd

Station	Fouad A.P.		Minya		Kharga		Port Said		Asyut		Dakhla		Almaza		Matruh		S.Barani						Minya		Port Said	
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	40	2	10	11	50	17	360	10	30	8	60	20	20	11	80	7	30	7					10	35	330	12
600	50	4	20	11	60	22	20	13	30	10	60	18	40	16	70	4	130	3					10	36	330	14
1000	50	13	20	16	50	25	10	19	30	10	50	10	40	29			170	6					60	22	340	18
1500	20	13	30	17	20	19	10	24	40	12			40	25			210	10							340	30
2000	30	14					360	16	40	16			40	22			210	13								
3000							350	15									240	7								
4000							360	9									220	5								
5000																	260	17								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time			4		9		8						2										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			130	23	90	13	40	11					40	16									30	6
600			140	18	90	23	90	18					40	25									60	20
1000			130	11	90	19	100	23					60	29									60	23
1500			160	2	80	13	120	20					60	23									60	23
2000			60	7			140	24															70	33
3000			30	3																				
4000																								
5000																								
6000																								
7000																								
8000																								

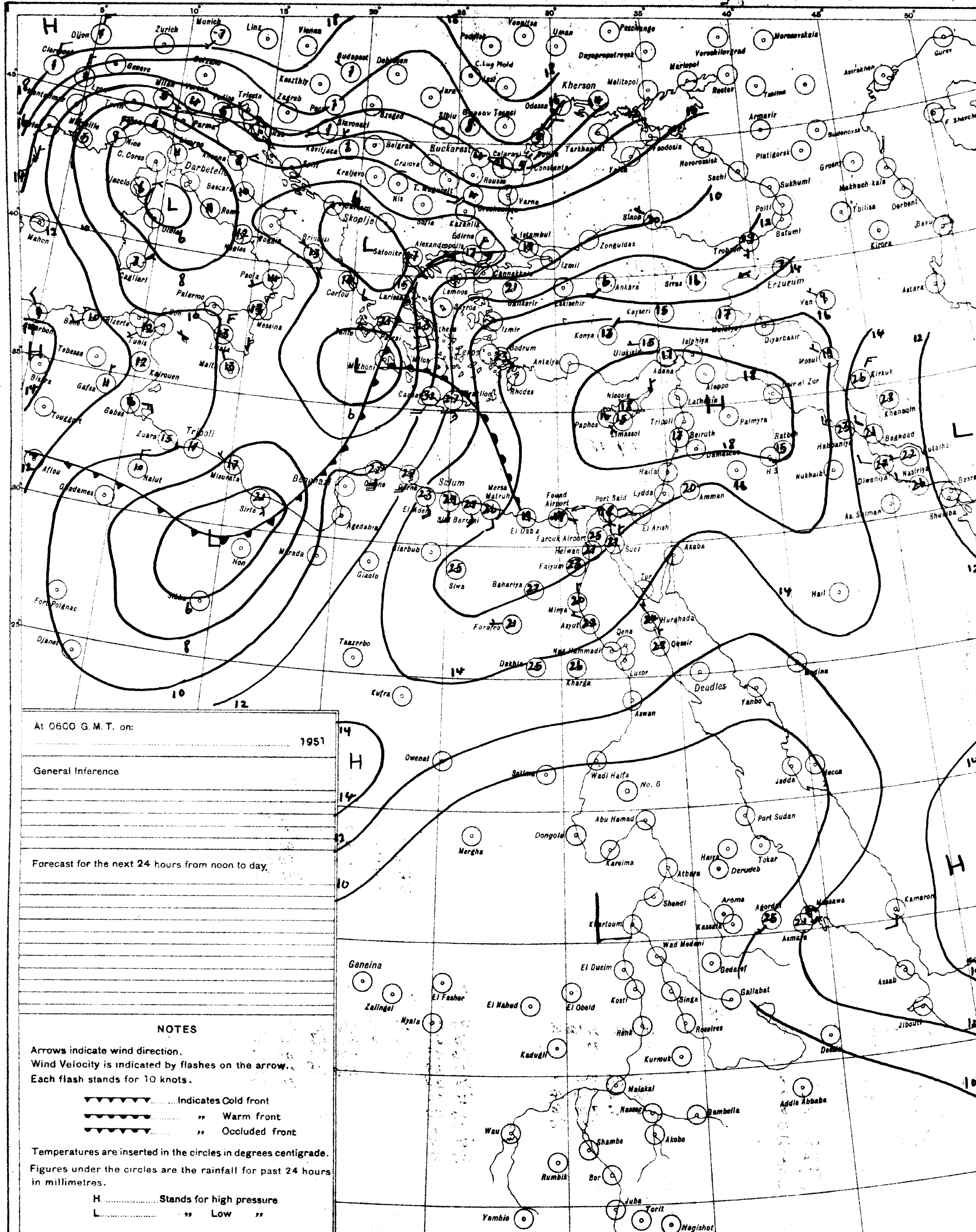
Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeʻid		El Fâsher		Malakâl	
Time	8		8		8		8				4				4				4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	27	110	27	130	8	70	4											210	11				
600	110	31	110	22	140	13	70	4			70	4			360	13			190	13				
1000	130	25	100		140	23	100	17			80	22			350	11								
1500	120	29			130	28	110	30			80	11			320	5								
2000	120	28					70	17			50	10			270	4								
3000	120	24									60	9												
4000	130	20									360	11												
5000	120	8																						
6000	120	11																						
7000	150	10																						
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 Thursday 3-4-1952



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 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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 41 G.M.T.

" " Sunset 16 15 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date : Friday 4th April, 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.
Mediterranean	62300	SALŪM	50	14	35	00	0	0	—	11.8	34	17	7
	303	SĪDI BARĀNI			30	00	0	0	—	13.0	34	18	6
	306	MATRŪH	70	11	30	00	0	0	—	15.1	32	13	0
	309	EL DAB'A											
		ALEXANDRIA	40	17	50	00	0	0	—	15.5	27	62	19
	318	FOUAD (Airport)											
	330	DAMIETTA	40	5	35	00	0	0	—	16.7	21	83	18
	333	PORT SA'ĪD	40	13	30	02	0	0	—	15.2	22	77	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	9	15	02	0	0	—	15.1	33	30	13
	342	MANṢURA	40	5	35	00	1	0	—	15.5	32	38	16
	348	TANTA	90	2	35	02	0	0	—	15.0	33	34	15
	354	ZAGAZIG	40	1	50	02	0	0	—	14.7	32	43	18
	441	ISMAĪLIA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMĀZA											
		EZBEKĪYA	350	2	18	00	0	0	—	13.8	34	18	6
		GĪZA	350	2	18	00	0	0	—	13.8	34	22	9
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	360	2	15	02	0	0	—	13.4	37	14	6
	387	MINYA	170	3	10	00	0	0	—	12.6	37	17	8
	393	ASYŪT MANQABĀD	20	2	30	00	0	0	—	11.6	37	14	6
	399	NAG' HAMMĀDI											
	402	QENA	00	0	50	00	0	0	—	10.2	41	14	8
	405	LUXOR											
	414	ASWĀN											
Oases	417	SĪWA	110	11	14	00	0	0	—	14.5	38	3	-14
	420	BAHARĪYA	90	5	35	02	0	0	—	13.0	38		
	423	FARAFRA	90	2	15	02	0	0	—	12.6	38	24	14
	432	DAKHLA	00	0	50	00	0	0	—	10.3	39	11	3
	435	KHARGA											
Red Sea	450	SUEZ	360	5	50	02	0	0	—	12.0	36	10	-1
	459	TŌR											
	462	HURGHADA											
	465	QUSEIR	360	9	15	02	0	0	—	13.6	28	52	17
	641	PORT SŪDĀN	50	16	30	00	0	0	—	9.0	29	62	21
North Sudan	600	WĀDI HALFA	50	5	50	02	0	0	—	7.6	37	17	8
	640	ABU HAMAD	130	2	30	03	0	1	Cu		37	16	7
	660	KAREIMA	310	4	30	02	0	0	—	5.4	38	18	10
	680	'ATBARA	70	4	30	02	0	0	—	4.4	38	15	7
	721	KHARTUM	280	5	30	01	0	0	—	4.9	38	11	3
	730	KASSALA	110	3	30	01	2	4	Cu	2.4	41	14	8
Central Sudan	751	WĀD MEDANI	310	9	35	02	0	2	Ci	2.0	40	8	0
	801	RENK	260	3	35	02	1	8	Cu	5.6	39	20	12
	802	ROSEIRES											
	771	EL OBEID	270	4	50	02	0	2		4.2	37	13	4
	760	EL FĀSHER	340	7	30	02	0	0	—		36	12	2
	770	GENEINA	230	2	30	02	0	0	—		38	8	-2
S. Sudan	840	MALAKĀL	90	2	30	17	8	8	Cb CS	5.2	35	30	15
	880	WĀU	230	10	30	03	2	8	Cb, CS	5.6	36	33	17
	941	JUBA	360	2	30	03	1	5	Cb, Ac	4.1	37	37	20

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
SALŪM	50	12	15	00	0	0	—	11.1	22	65	15	0
SĪDI BARĀNI	100	10	18	00	0	0	—	12.3	22	31	4	0
MATRŪH	100	9	15	00	0	0	—	14.1	20	64	13	0
EL DAB'A	00	0	7	00	0	0	—		19	83	16	0
ALEXANDRIA	40	20	35	01	1	3	Cu	15.2	18	97	18	0
FOUAD (Airport)	40	11	12	02	0	0	—	15.0	19	88	17	0
DAMIETTA	40	5		00	0	0	—	15.9	19	88	17	0
PORT SA'ĪD	70	13	14	02	0	0	—	14.7	19	88	17	0
EL 'ARISH												
DAMANHUR	130	13	7	02	0	0	—	15.4	20	73	15	0
MANṢURA	20	5		00	0	0	—	15.1	20	83	17	0
TANTA	00	0	35	02	0	0	—	15.4	23	61	15	0
ZAGAZIG	00	0	35	02	0	0	—	14.7	20	88	18	0
ISMAĪLIA												
FAROUK (Airport)	70	10	13	00	0	0	—	13.9	25	61	17	0
ALMĀZA	40	19	15	00	0	0	—	13.3	26	42	12	0
EZBEKĪYA	40	3	12	00	0	0	—	13.9	25	48	13	0
GĪZA	40	3	12	00	0	0	—	14.0	26	42	12	0
HELWĀN												
FAIYŪM	360	2	35	02	0	0	—	12.6	26	45	13	0
MINYA	00	0	8	00	0	0	—	11.2	26	20	1	0
ASYŪT MANQABĀD	240	3	10	00	0	0	—	11.1	31	18	4	0
NAG' HAMMĀDI	00	0	7	00	0	0	—	11.1	31	22	7	0
QENA	00	0	7	00	0	0	—	10.6	32	15	2	0
LUXOR												
ASWĀN	360	4	15	00	0	0	—	8.8	31	22	7	0
SĪWA	60	4	10	00	0	0	—	12.7	27	20	2	0
BAHARĪYA	00	0	15	02	0	0	—	13.0	30	40	15	0
FARAFRA	00	0	15	02	0	0	—	12.2	30	31	11	0
DAKHLA	360	8	35	00	0	0	—	10.6	33	12	0	0
KHARGA	00	0	15	00	0	0	—	10.3	31	9	6	0
SUEZ	330	8	15	02	0	0	—	13.3	27	37	11	0
TŌR												
HURGHADA	00	0	14	02	0	0	—	11.2	24	50	13	0
QUSEIR	360	2	15	02	0	0	—	11.8	26	37	10	0

At 0600 on Friday 4th April, 1952

Station	Wind 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	40	27	15	00	0	0	—	13.6	-1.4	24	37	+13	20	+8	36	8	0	Rain	
SĪDI BARĀNI	160	13	18	00	0	0	—	12.2		20	38		14		26	0	0	115	
MATRŪH	00	0	30	00	0	0	—	14.2	-1.2	20?	35		12		43	7	0	132	
EL DAB'A	110	3	15	00	0	0	—			17	31		13		97	17	0	214	
ALEXANDRIA	40	10	50	00	0	0	—			20	29	+6	16	+2	83	17	0	166	181
FOUAD (Airport)	40	8	18	02	0	0	—	14.5	-1.7	21	32	+10	14	+2	83	18	0	Rain	137
DAMIETTA	20	5	15	00	0	0	—	15.6	+0.8	20	22	+1	17	+4	88	18	0	171	101
PORT SA'ĪD	50	12	10	02	0	0	—	15.2	-0.8	20	22	+1	18	+3	88	18	0	92	
EL 'ARISH																			
DAMANHŪR	40	9	7	02	0	0	—			21	33	+8	13	+2	78	17	0	87	94
MANṢŪRA	40	5	35	00	0	0	—	14.7	-0.5	21	33	+7	15	+4	83	18	0	62	48
TANTA	220	2	35	02	0	0	—	14.2	-1.0	18	34	+7	13	+3	88	16	0	64	35
ZAGAZIG	00	0	35	02	0	0	—	13.6	-1.6	18	33	+6	11	+1			0	30	25
ISMAĪLIA																			
FAROUK (Airport)	00	0	8	05	0	0	—	15.0		19	36		14		77	15	0	83	
ALMĀZA											36	+11							
EZBEKĪYA	360	2	12	00	0	0	—	13.8	-1.4	19	35	+8	15	+3	78	15	0	61	23
GĪZA	360	2	12	00	0	0	—	14.0	-1.5	18	34	+7	15	+5	83	15	0	58	22
HELWĀN																			25
FAIYŪM	00	0	35	02	0	0	—	13.8	-1.6	22	37	+9	15	+3	65	15	0	23	8
MINYA	00	0	10	00	0	0	—	13.7	-2.8	21	38	+10	13	+3	65	14	0	5	
ASYŪT MANQABĀD	00	0	8	10	0	0	—	13.9	-0.7	24	38	+10	20	+8	50	13	0	3	
NAG' HAMMĀDI	00	0	7	01	0	2	Ac	14.3	+0.4	24	39	+9	16	+5	47	12	0	0.1	
QENA	360	1	35	00	0	0	—	14.0	+0.3	25	42	+8	16	+2	28	5	0	2	
LUXOR	00	0	30	00	0	0	—	12.7	-1.0	24			18		32	6	0	dr.	
ASWĀN	360	4	50	00	0	0	—	12.6	-0.6	27	39	+5	19	+2	20	2	0	dr.	
SĪWA	100	5	14	00	0	0	—	14.2	-2.1	21	38	+10	15	+5	41	7	0	26	8
BAHARĪYA	00	0	15	02	0	0	—	13.6	-2.3	28	39	+10	16	+5	52	17	0	1	7
FARAFRA	70	1	15	02	0	0	—	13.8		23	39		15		44	10	0	Rain	
DAKHLA	00	0	50	00	0	0	—	14.8	0.0	23	40	+8	16	+3	24	1	0	dr.	
KHARGA	00	0	15	00	0	0	—	12.6	-1.7	26	39	+7	20	+6	25	4	0	dr.	
SUEZ	360	4	35	00	0	0	—	14.8	-0.3	21	38	+11	15	+1	65	14	0	44	15
TŌR																			13
HURGHADA	340	4		02	0	0	—	13.5	-0.9	27	28	+5	18	+4	33	9	0	0	
QUSEIR	360	2	15	02	0	0	—	13.3	+0.3	29	29	+2	21	+3	43	15	0	dr.	4
PORT SŪDĀN	340	7	30	02	0	0	—	12.6		29	31				55	19	0	211	95
WĀDI HALFA	00	0	30	02	0	0	—	10.3		30	38		23		27	9	0	dr.	
ABU HAMAD	90	4	30	02	0	0	—			30	39		24		25	8	0		
KAREIMA																			1
'ATBARA	110	3	30	02	0	0	—	9.0		29	40				35	12	0	0	2
KHARTŪM	320	3	30	02	0	0	—	8.7		30	40				21	5	0	0.6	4
KASSALA	20	3	30	02	0	0	—	8.2		27	42				66	20	0	49	9
WĀD MEDANI																			12
RENK																			49
ROSEIRES																			40
EL OBEID	00	0	50	02	0	0	—	9.0		28	39				25	6	0	15	17
EL FĀSHER	30	3	30	02	0	0	—			23	38				18	-3	0	13	6
GENEINA																			4
MALAKĀL																			96
WĀU	180	3	30	03	2	8	Ac, CS	10.1		26	37				66	19	0	166	180
JUBA																			201

HUMIDITY % Mean of day

Station	on 3rd	Diff. from normal
Alexandria	82	+16
Ezbekiya	44	-13
Giza	50	-9
Helwan		

GIZA GRASS MINIMUM TEMP. ON 4th 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

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 3rd

Station	Port Said		Asyut		Almaza		Siwa		Minya		Dakhla		Kharga		S.Barani		Port Said	
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.
300	50	13	340	5	30	11	110	20	150	7	50	6	100	3	120	10	60	14
600	70	9	350	4	40	9	110	16	170	5	50	5	100	3	140	12	60	26
1000	60	16	300	4	30	7	110	16	150	4	70	6	90	9	150	13	70	22
1500	70	23	220	4	50	5	130	16	120	8	80	4	90	5	140	12	70	25
2000	80	16	160	3			140	17	120	3					170	10		
3000			210	3			140	27							170	16		
4000																		
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 4th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saīd		El Arīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada	
Time			4				2						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.
300			120	23			70	13					20	10	110	9						
600			110	15			90	23					360	10	120	10						
1000			70	11			90	23					330	10	170	6						
1500							100	21					330	9	150	15						
2000															180	21						
3000															120	14						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obe'id		El Fāsher		Malakāl	
Time			8				8		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			180	5			60	6	90	9														
600			150	5			100	12	110	17					350	11								
1000			130	7			100	14	90	16					330	9			10	20	30	7		
1500			140	5			50	11	80	23					350	5			350	6	40	14		
2000							70	15							260	11			230	4	300	3		
3000							90	13							250	15			250	11	240	8		
4000															230	19					250	11		
5000															260	27			250	12	130	4		
6000																			250	11				
7000																								
8000																								

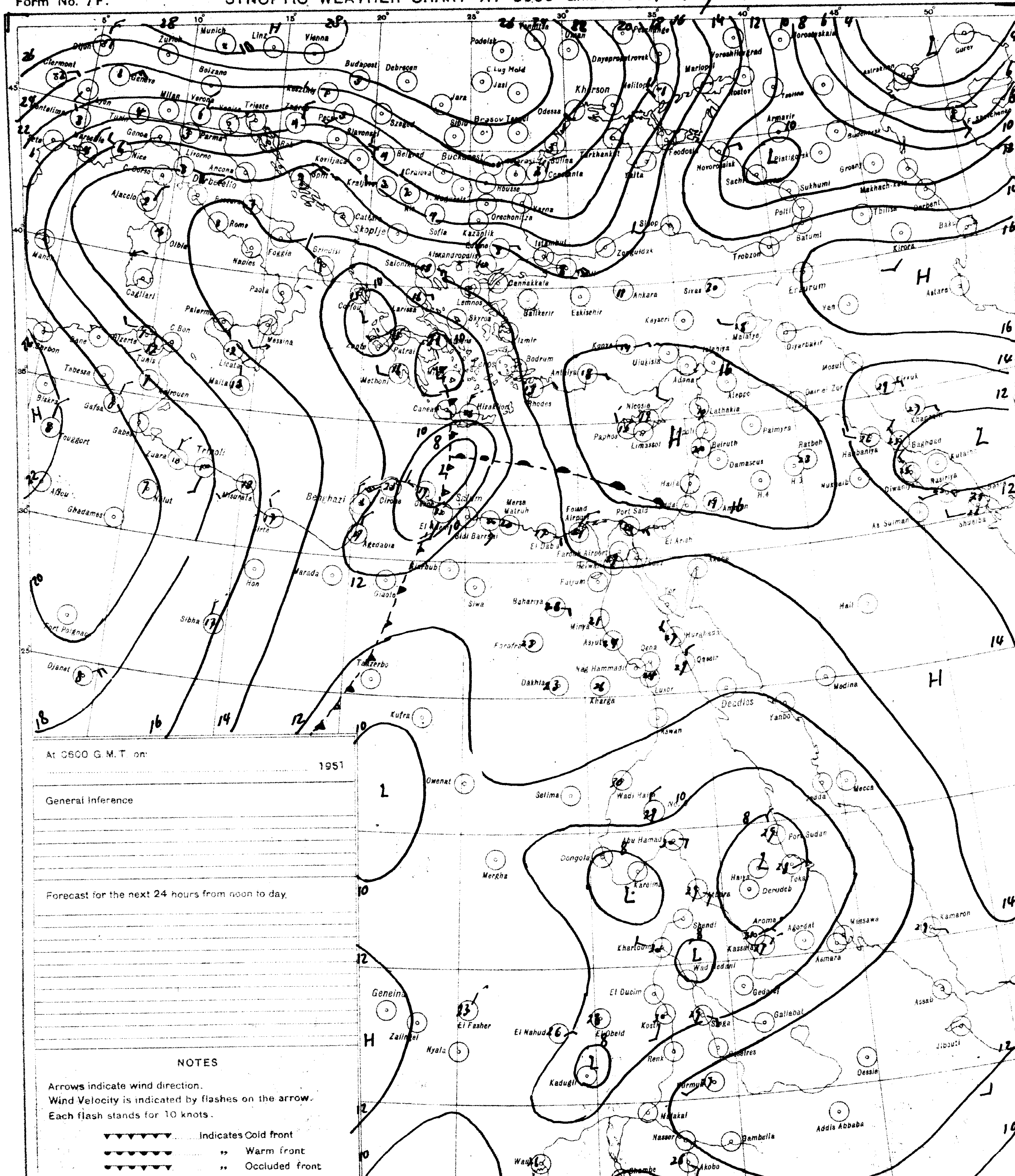
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 4.4. 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 40 G.M.T.
" " Sunset 16 16 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Saturday 5th April, 1951

At 1200 on Friday 4th / At 1800 on Friday 4th

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	SALŪM	90	5	35	00	0	0	—		32	15	2			15	00	0	5	C6	10.7	26	37	10	0
	303	SĪDI BARĀNI	80	12	30	00	0	0	—	11.1	27	37	11	100	10	18	00	0	0	—	11.0	20	60	12	0
	306	MATRŪH	60	9	30	00	0	0	—	12.9	30	35	13	100	8	14	00	0	0	—	13.1	19	83	16	0
	309	EL DABʿA	20	4	35	00	0	0	—		24	61	16	00	0	7	00	0	0	—		19	88	17	0
		ALEXANDRIA	40	14	50	00	0	0	—	12.6	23	65	16	40	7	35	00	0	0	—	12.7	19	88	17	0
	318	FOUAD (Airport)	60	11	18	02	0	0	—	12.2			16												
	330	DAMIETTA	40	2	35	00	0	0	—	12.4	23	74	18	20	5		00	0	0	—	11.3	21	88	19	0
	333	PORT SAʿĪD	40	12	30	02	0	0	—	11.6	22	83	19	60	13	15	02	0	0	—	10.9	21	83	18	0
	336	EL ʿARISH																							
LOWER EGYPT	339	DAMANHŪR	80	13	15	02	0	0	—	12.4	28	33	10	40	9	15	02	0	0	—	12.3	21	65	14	0
	342	MANṢŪRA	90	3	35	00	0	0	—	11.8	31	52	20	360	5		00	0	0	—	12.4	22	89	20	0
	348	ṬANTA	00	0	35	02	0	0	—	11.5	34	34	16	00	0	35	02	0	0	—	11.9	25	65	18	0
	354	ZAGAZIG	00	0	50	02	0	0	—	11.8	33	50	21	00	0	35	02	0	0	—	10.7	24	79	20	0
	441	ISMAʿĪLIA																							
CAIRO AREA	366	FAROUK (Airport)	320	7	30	00	0	0	—	11.6	36	20	10	70	5	12	00	0	0	—	12.2	29	66	22	0
	372	ALMĀZA	360	6	18	00	0	0	—	11.8	35	23	11												
		EZBEKIYA	00	0	18	00	0	0	—	10.7	37	24	13	00	0	12	00	0	0	—	11.5	29	62	21	0
		GĪZA	00	0	18	00	0	0	—	11.4	37	22	12	00	0	12	00	0	0	—	11.9	29	59	20	0
	378	HELWĀN	00	0	7	05	0	0	—	10.8	36	17	7	360	7	7	05	0	0	—	11.5	31	38	15	0
UPPER EGYPT	381	FAIYŪM	00	0	35	02	0	0	—	10.7	37	22	12	00	0	35	02	0	0	—	10.6	28	52	17	0
	387	MINYA	00	0	10	00	0	0	—	10.4	39	15	8	00	0	8	00	0	0	—	9.6	30	33	12	0
	393	ASYŪT MANQABAD	120	6	30	00	0	0	—	10.3	39	14	7	00	0	12	00	0	0	—	10.5	32	22	8	0
	399	NAGʿ HAMMĀDI	00	0	15	00	0	0	—	10.6	39	17	10	00	0	7	00	0	0	—	9.9	29	46	16	0
	402	QENA	320	1	50	00	0	0	—	9.4	41	14	8	00	0	7	00	0	0	—	9.6	31	31	12	0
	405	LUXOR												40	8	12	00	0	0	—	9.3	35	9	-2	0
	414	ASWĀN	00	0	50	00	0	0	—	6.8	39	11	3	00	0	15	00	0	0	—	8.4	36	6	-7	0
OASES	417	SĪWA	180	7	14	00	0	0	—		38	8	-2	00	0	10	00	0	0	—	11.9	27	30	8	0
	420	BAHARĪYA	00	0	35	02	0	0	—	12.0	38			00	0	15	02	0	0	—	11.9	30	40	15	0
	423	FARAFRA	220	1	35	02	0	0	—	11.8	40	12	6	90	9	15	02	0	0	—	11.2	31	12	-1	0
	432	DAKHLA	20	5	50	00	0	0	—	9.6	40	12	6	340	11	35	00	0	0	—	9.6	32	10	-3	0
	435	KHARGA	00	0	15	00	0	0	—	8.0	40	23	15	00	0	15	00	0	0	—	10.3	33	16	4	0
RED SEA	450	SUEZ	180	5	50	02	0	0	—	11.8	33	41	18	00	0	15	02	0	0	—	11.3	27	40	12	0
	459	TŌR																							
	462	HURGHADA	70	2	30	02	0	0	—		30	59	21	00	0	30	00	0	0	—		28	42	14	0
	465	QUSEIR	20	9	15	02	0	0	—		28	62	20	330	2	15	02	0	0	—		27	42	13	0
	641	PORT SŪDĀN	50	13	30	03	0	1	Cu	9.5	32	43	18												
NORTH SŪDĀN	600	WĀDI HALFA	120	5	50	03	0	1	Cu	5.7	40	14	8												
	640	ABU HAMAD	00	0	30	03	0	1	Cu		39	14	7												
	660	KAREIMA	320	4	30	02	0	8		4.2	40	14	8												
	680	ʿATBARA	200	7	30	02	0	1	Cu	3.5	40	11	4												
	721	KHARTŪM	330	7	30	02	0	0	—	996.8	39	11	3												
	730	KASSALA	340	3	30	03	2	7	Cu	2.6	41	15	9												
CENTRAL SŪDĀN	751	WĀD MEDANI	310	5	35	02	0	2	Cu	1.6	41	7	-2												
	801	RENK																							
	802	ROSEIRES																							
	771	EL OBEID	220	10	50	03	0	1	Ci	3.7	39	13	6												
	760	EL FĀSHER	130	6	30	02	0	0	—		37	10	0												
	770	GENEINA	00	0	30	03	0	1	Cu		36	12	2												
S. SŪDĀN	840	MALAKĀL	140	7	30	02	2	7		7.4	31	46	18												
	880	WAU																							
	941	JUBA	180	2		15	2	7	Cb, Ac	6.0	33	47	20												

At 0600 on Saturday 5th April, 1952

Station	Wind 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
SALŪM	290	9	15	00	0	0	—	14.0	-1.0	18	33	+9	10	-2	60	10	0	Rain	
SĪDI BARĀNI	280	12	15	02	2	8		14.1		16	30		10		77	12	0	115	
MATRŪH	270	3	3	03	4	0	—	14.1	-1.3	14	31		12		77	14	0	132	
EL DABʿA	00	0	7	00	0	0	—			17	25		13		97	17	0	214	
ALEXANDRIA	40	6	1.5	43	4	8	Sc	12.7	-2.1	18	25	+2	16	+2	88	16	0	166	181
FOUAD (Airport)	30	2	0.3	43	4	7	Sc	12.8	-3.4	18			16	+4	97	18	0	Rain	137
DAMIETTA	20	5	15	00	0	0	—	11.8	-2.9	22	24	+3	18	+5	74	17	0	171	101
PORT SAʿĪD	40	10	14	02	0	0	—	11.7	-4.3	22	24	+3	19	+4	83	19	0	92	
EL ʿARISH	240	2	18	00	0	0	—	11.8	-2.7	24			14		79	20	0	101	
DAMANHŪR	270	5		02	1	1	Ci	12.6	-2.3	19	31	+6	14	+3	88	17	0	87	94
MANṢŪRA	90	3	35	00	0	0	—	12.6	-2.5	22	34	+8	16	+5	77	18	0	62	48
ṬANTA	90	2	35	02	0	0	—	12.0	-3.2	20	36	+9	14	+4	83	17	0	64	35
ZAGAZIG	00	0	35	01	0	0	—	11.6	-3.5	21	36	+9	16	+6	83	18	0	30	25
ISMAʿĪLIA																			
FAROUK (Airport)	00	0	2	05	4	0	—	13.2		18	37		15		88	16	0	83	
ALMĀZA	330	2	6	05	0	0	—	12.5	-3.7	20			16	+4	88	18	0	71	
EZBEKIYA	00	0	12	00	0	0	—	12.3	-2.8	21	38	+11	16	+4	74	16	0	61	23
GĪZA	00	0	12	00	0	0	—	12.4	-3.0	20	37	+10	16	+6	83	17	0	58	22
HELWĀN	00	0	3	05	0	0	—	12.7	-2.2	21	39	+12	16	+3	74	16	0	59	25
FAIYŪM	00	0	35	02	0	0	—	12.3	-3.1	22	39	+11	16	+4	65	15	0	23	8
MINYA	00	0	10	00	0	0	—	12.0	-4.5	22	40	+12	15	+5	47	10	0	5	
ASYŪT MANQABAD	00	0	8	10	0	0	—	12.0	-2.6	27	40	+12	20	+8	25	5	0	3	
NAGʿ HAMMĀDI	00	0	7	00	0	0	—	12.7	-1.1	25	4?	+10	18	+7	54	15	0	0.1	
QENA	40	1	35	00	0	0	—	12.7	-0.9	29	43	+9	18	+4	23	6	0	2	
LUXOR	00	0	30	00	0	0	—	11.4	-2.2	27	41		20		37	11	0	dr.	
ASWĀN	00	0	50	00	0	0	—	11.1	-2.0	30	40	+6	24	+6	31	11	0	dr.	
SĪWA	130	2	14	00	0	0	—	13.1	-3.1	21	39	+11	15	+4	33	4	0	26	8
BAHARĪYA	00	0	35	02	0	0	—	12.7	-3.1	25	40	+11	16	+5	54	15	0	1	7
FARAFRA	270	1	35	02	0	0	—	12.7		20	41		14		41	6	0	Rain	
DAKHLA	270	8	50	00	0	0	—	11.4	-3.3	27	41	+9	19	+6	20	2	0	dr.	
KHARGA	00	0	15	00	0	0	—	10.8	-3.4	28	40	+8	23	+9	33	10	0	dr.	
SUEZ	40	4	35	00	0	0	—	11.6	-3.4	25	35	+8	18	+4	28	5	0	44	15
TŌR																			13
HURGHADA	330	2	30	02	0	0	—	11.3	-3.1	27	32	+8	18	+4	37	11	0	0	
QUSEIR	200	2	15	02	0	0	—	11.6	-1.3	26	31	+4	22	+3	48	14	0	dr.	4
PORT SŪDĀN	240	1	30	02	0	0	—	11.0		31	32		21		36	14	0	211	95
WĀDI HALFA	00	0	30	02	0	0	—	9.2		29	42		23		25	7	0	dr.	
ABU HAMAD	90	6	30	03	0	1	AC	8.6		30	41		25		35	13	0		
KAREIMA	130	7	30	02	0	0	—	7.3		30	41		23		35	13	0	dr.	1
ʿATBARA																			2
KHARTŪM	40	2	30	02	0	0	—	7.2		30	40		21		18	3	0	0.6	4
KASSALA	320	1	30	03	0	2	AC	7.0		31	42		25		36	14	0	49	9
WĀD MEDANI	360	2	35	02	0	0	—	3.8		28	42		18		25	6	0		12
RENK																			49
ROSEIRES	130	2	35	02	0	2	Ci	7.2		33	39		26		32	14	0	92	40
EL OBEID	260	2	50	03	0	1	Ci	7.2		30	40		23		35	13	0	15	17
EL FĀSHER																			6
GENEINA	50	1	30	02	2	8	AcCs			22	37		17		23	0	0		4
MALAKĀL	230	4	30	03	1	5	AC	8.1		28	34		22		58	19	0	94	97
WAU	200	3	30	21	5	8	AcCs	8.8		25			24		84	22	2	168	182
JUBA	180	13	30	02	2	7	Sc, AC	8.8		26	34		23		74	21	0	247	204

HUMIDITY % Mean of day

Station	On 4th	Diff. from normal
Alexandria	86	+20
Ezbekiya	67	+10
Giza	68	+9
Helwan	58	+15

GIZA 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 ... / AIRPORT On ... At ... / AIRPORT On ... At ...

Pressure 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	Port Said		Minya		Asyut		Siwa		Kharga		S. Barani		Port Said		Minya	
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.
300	350	8	180	4	100	4			70	4	80	16	70	2	340	10
600	360	9	150	3	120	6			60	11	90	7			330	11
1000	350	7	150	7	140	6	200	3	40	16	110	6			330	14
1500	360	3	170	5	150	7	180	6	50	11	190	6	350	36	310	3
2000			230	9	130	8	170	9			210	7				
3000							150	6			220	11				
4000							200	13			240	25				
5000							210	17								
6000							230	12								
7000																
8000																

UPPER WIND OBSERVATIONS on 5th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʿīd		El ʿArīsh		Helwān		Minya		Asyūt Manqabad		Luxor		Aswān		Hurghada	
Time			8				2						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.
300			290	1			100	8					310	5	320	2	360	2	40	5		
600			140	1			90	28					310	9	240	6	60	4	60	12		
1000							60	12					300	11	200	5	90	5	100	11		
1500							140	6					300	13	240	7	110	15	100	12		
2000															140	2	140	16				
3000															100	4						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time							8		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	8	100	5														
600							110	8	120	16					310	11							220	15
1000							130	9	130	23					310	11			230	8			200	15
1500									120	23					300	9			120	5			140	5
2000																								
3000									80	27					310	5			60	6			60	13
4000									320	3														
5000																							340	7
6000															110	6								
7000															100	6								
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.

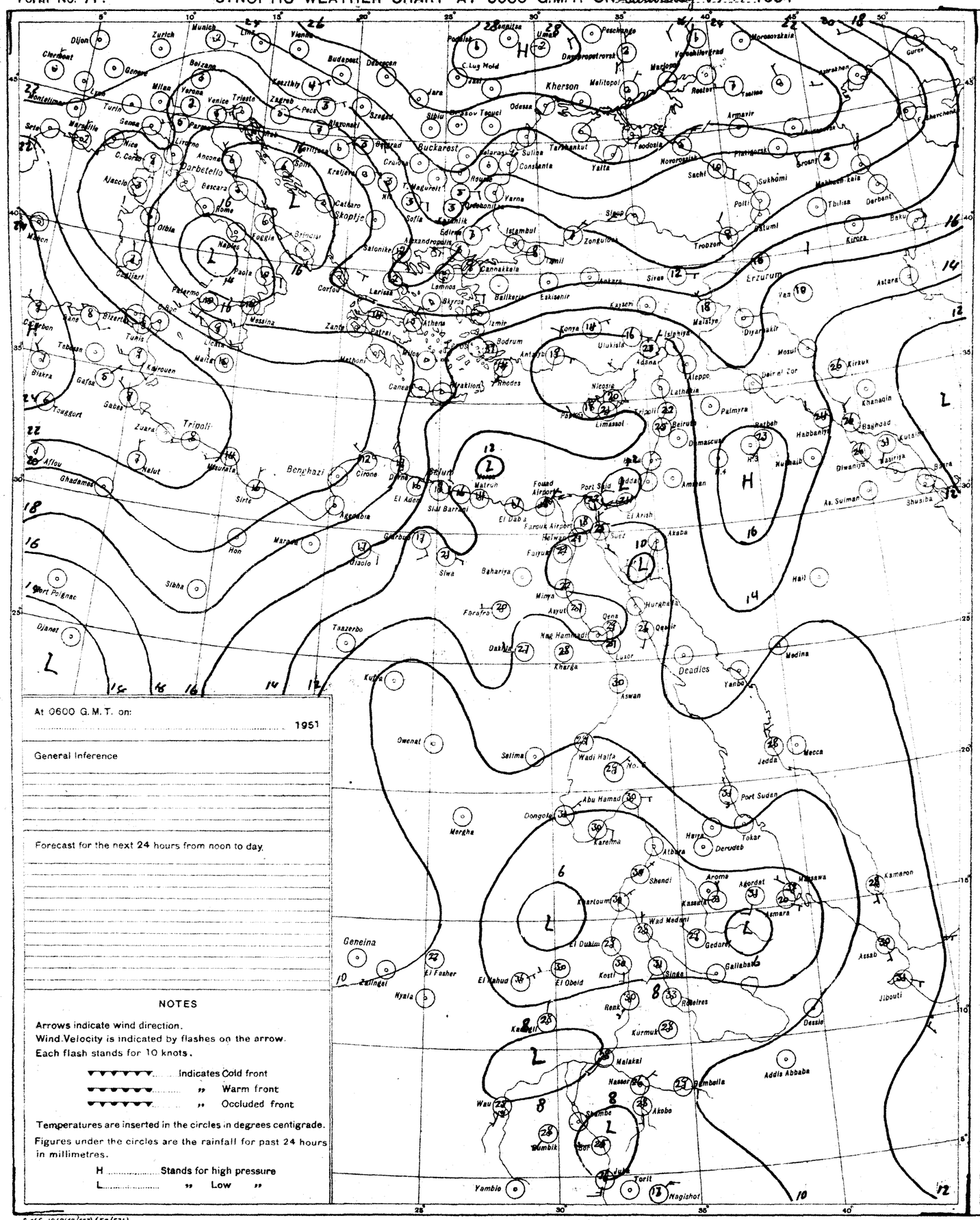
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

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 5/4/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 6th April, 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	SALÛM	340	13	35	00	0	0	—	15.4	24	26	3
	303	SÎDI BARÂNI	310	17	18	01	1	0	—	15.4	20	64	13
	306	MATRÛH											
	309	EL DAB'A	320	8	35	00	0	0	—		20	73	15
		ALEXANDRIA	310	16	7	43	4	8	Sc	12.0	20	83	17
	318	FOUAD (Airport)	320	15	10	02	4	2	Sc	12.4	20	88	18
	330	DAMIETTA	40	5	35	02	0	0	—	12.2	26	62	18
	333	PORT SA'ÎD	50	10	30	02	0	0	—	10.4	23	78	19
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	40	5	15	02	0	0	—	11.6	32	41	17
	342	MANSURA	90	3	35	00	0	0	—	11.6	35	35	17
	348	TANTA	00	0	35	02	0	0	—	11.4	35	29	14
	354	ZAGAZIG	00	0	50	02	0	0	—	11.0	35	42	20
	441	ISMA'ILÎA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMÂZA											
		EZBEKÎYA	00	0	18	00	0	0	—	10.6	35	32	16
		GÎZA	00	0	18	00	0	0	—	10.8	34	36	17
	378	HELWÂN	290	4	7	02	0	0	—	11.0	36	20	10
UPPER EGYPT	381	FAIYÛM	00	0	35	02	0	0	—	11.4	37	27	15
	387	MINYA	270	2	12	00	0	0	—	10.0	39	17	10
	393	ASYÛT MANQABÂD	40	3	30	00	0	0	—	9.4	39	14	7
	399	NAG' HAMMÂDI											
	402	QENA	00	0	50	00	0	0	—	9.1	41	12	6
	405	LUXOR											
	414	ASWÂN	140	5	50	00	0	0	—	7.0	40	10	2
OASES	417	SÎWA	290	3	14	00	0	0	—	12.3	36	10	-1
	420	BAHARÎYA	320	2	35	02	0	0	—	10.8	38		
	423	FARAFRA	90	1	35	02	0	0	—	11.6	40	12	6
	432	DAKHLA	160	5	50	00	0	0	—	7.8	41	17	11
	435	KHARGA	00	0	15	00	0	0	—	8.6	41	17	11
RED SEA	450	SUEZ	180	3	50	02	0	0	—		37	18	9
	459	TÔR	270	2	35	02	0	0		10.0	35	39	19
	462	HURGHÂDA											
	465	QUSEIR	20	9	15	02	0	0	—	11.0	28	79	24
	641	PORT SÛDÂN	70	9	30	02	0	0	—	8.4	31	55	21
NORTH SÛDÂN	600	WÂDI HALFA	70	1	30	02	0	1	Cu	4.9	40	14	8
	640	ABU HAMAD	90	2	30	03	1	4	Cu		41	13	7
	660	KAREIMA	180	4	30	03	0	2	Cu	2.2	41	16	10
	680	'ATBARA	70	4	30	03	1	3	Cu	2.2	41	10	3
	721	KHARTÛM	240	5	30	02	0	0	—	2.1	41	8	0
	730	KASSALA	330	3	30	03	1	4	Cu	0.9	41	13	7
CENTRAL SÛDÂN	751	WÂD MEDANI	310	2	35	02	0	0	—	2.1	41	7	-2
	801	RENK	230	9	35	00	1	6	Cu		41	22	15
	802	ROSEIRES	50	2	35	02	0	5	Cu	0.2	39	4	-9
	771	EL OBEID	250	2	50	02	0	1	Cu	2.2	39	11	3
	760	EL FÂSHER	170	1	30	02	1	4	Cu		37	13	4
	770	GENEINA	300	2	30	03	2	8	Cu, Cs		37	17	8
S. SÛDÂN	840	MALAKÂL	350	5	30	03	1	6	Cu, Ci	2.9	38	22	13
	880	WÂU											
	941	JUBA											

At 1800 on Saturday 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.
SALÛM	290	9	15	00	0	0	—	15.8	18	46	6	0
SÎDI BARÂNI	340	17	15	00	0	0	—	17.6	17	72	12	0
MATRÛH	310	11	12	01	2	5	Sc	17.3	18	83	15	0
EL DAB'A	340	9	7	00	0	0	—		17	82	15	0
ALEXANDRIA	360	15	35	01	2	1	Cu	14.8	18	97	18	0
FOUAD (Airport)	340	9	10	01	1	6	St	14.5	18	97	18	0
DAMIETTA	340	5		02	0	0	—	13.0	21	88	19	0
PORT SA'ÎD	20	9	12	02	0	0	—	11.5	21	88	19	0
EL 'ARISH												
DAMANHUR	310	9	15	02	0	0	—	13.5	20	83	17	0
MANSURA	360	5		00	0	0	—	14.0	23	84	20?	0
TANTA	00	0	35	02	0	0	—	14.6	22	74	17	0
ZAGAZIG												
ISMA'ILÎA												
FAROUK (Airport)	320	13	15	00	0	0	—	12.9	28	58	19	0
ALMÂZA	290	10	14	00	0	0	—	12.4	28	58	19	0
EZBEKÎYA	360	3	12	00	0	0	—	12.8	25	70	19	0
GÎZA	360	3	12	00	0	0	—	12.4	25	74	20	0
HELWÂN	320	15	7	02	0	0	—	12.4	26	70	20	0
FAIYÛM	360	8	35	02	0	0	—	11.5	29	46	16	0
MINYA	330	2	8	00	0	0	—	9.0	26	37	10	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	10.3	32	18	5	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	10.4	27	42	13	0
QENA	00	0	7	00	0	0	—	9.3	31	31	12	0
LUXOR	60	10	12	00	0	0	—	9.4	34	18	6	0
ASWÂN												
SÎWA	10	14	10	00	0	0	—	15.1	23	29	4	0
BAHARÎYA	360	3	15	02	0	0	—	12.8	29			0
FARAFRA	360	2	15	02	0	0	—	11.2	30	16	1	0
DAKHLA	340	11	35	00	0	0	—	10.3	35	15	5	0
KHARGA	00	0	15	00	0	0	—	10.0	33	8	-5	0
SUEZ	310	5	15	02	0	0	—	11.1	31	22	7	0
TÔR	360	2	50	02	0	0	—	11.0	26	42	12	0
HURGHÂDA	330	5	12	02	0	0	—	11.1	24	47	12	0
QUSEIR	20	2	15	02	0	0	—	11.4	27	70	21	0
PORT SÛDÂN	00	0	30	02	0	0	—	9.6	28	66	21	0
WÂDI HALFA												
ABU HAMAD												
KAREIMA	70	1	30	01	0	3	Ac	3.9	35	23	11	0
'ATBARA	10	6	30	01	1	3	Ac	3.6	36	14	5	0
KHARTÛM	310	3	50	02	0	0	—	3.7	33	19	6	0
KASSALA	20	2	30	02	0	0	—	4.0	31	26	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	3	30	01	1	1	Ac	3.3	33	8	-5	0
EL FÂSHER	70	3	30	01	1	0	—		31	26	9	0
GENEINA	00	0	30	03	2	8	Ac, Cs		34	20	8	0
MALAKÂL												
WÂU	200	3	30	13	2	2	Cb	4.7	30	55	20	0
JUBA	00	0	50	13	2	7	Cb, Ac	5.3	29	62	21	0

At 0600 on Sunday 6th April, 1952

Station	Wind 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.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	360	9	15	01	0	3	Sc	21.0	+6.1	16	30?	+6	10	-2	77	12	0	Rain	
SÎDI BARÂNI	350	16	30	12	1	2	Sc	21.1		17	21		15		64	10	0	115	
MATRÛH	330	14	10	02	2	7	St	20.2	+4.9	18	20		16		73	13	0	132	
EL DAB'A	320	5	15	00	0	0	—			19	20		16		78	15	0	214	
ALEXANDRIA	360	22	50	00	0	0	—	18.2	+3.4	20	21	-2	17	+3	78	16	0	166	181
FOUAD (Airport)	360	16	18	01	1	0	—	17.8	+1.7	19	22	0	17	+5	83	16	0	Rain	137
DAMIETTA	320	9	15	00	0	0	—	17.5	+2.8	20	26	+5	18	+5	83	17	0	171	101
PORT SA'ÎD	10	15	12	02	0	0	—	16.1	+0.1	20	25	+4	19	+4	88	18	0	92	
EL 'ARISH																			
DAMANHÛR	130	9	7	02	0	0	—	17.4	+2.5	19	33	+8	15	+4	83	16	0	87	94
MANSÛRA	40	5	35	00	0	0	—	17.5	+2.4	20	38	+10	15	+4	83	17	0	62	48
TANTA	360	5	35	02	0	0	—	16.6	+1.5	19	36	+9	14	+4	83	16	0	64	35
ZAGAZIG	00	0	35	02	0	0	—	16.7	+1.6	19			16	+5	83	16	0	30	25
ISMAÎLÎA																			
FAROUK (Airport)	20	3	10	01	1	1	Sc	16.6		18	36		16		78	14	0	83	
ALMÂZA	20	10	10	01	2	3	Sc	16.7	+0.5	18	36	+10	16	+4	88	16	0	71	
EZBEKÎYA	360	3	12	02	1	3	Cu	16.6	+1.5	19	37	+10	16	+3	73	14	0	61	23
GÎZA	360	3	12	02	1	3	Cu	16.4	+1.0	19	35	+8	16	+6	73	14	0	58	22
HELWÂN	320	5	7	02	0	0	—	16.3	+1.4	21	38	+11	17	+4	57	12	0	59	25
FAIYÛM	360	12	15	02	0	0	—	15.8	+0.6	20	39	+11	16	+4	97	20?	0	23	8
MINYA	350	6	8	00	0	0	—	14.8	-1.6	21	40	+12	18	+8	65	14	0	5	
ASYÛT MANQABÂD	290	6	8	10	0	0	—	14.1	-0.4	22	40	+11	19	+7	69	16	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	13.1	-0.7	26	41	+11	18	+6	48	14	0	0.1	
QENA	340	1	35	00	0	0	—	12.8	-0.7	31	42	+8	21	+6	17	3	0	2	
LUXOR	50	1	30	00	0	0	—	11.8	-1.8	29	42		19		23	6	0	dr.	
ASWÂN	360	3	50	00	0	0	—	11.4	-1.7	29			21	+3	14	-1	0	dr.	
SÎWA	30	14	14	00	0	0	—	19.2	+3.1	17	38	+10	15	+4	64	10	0	26	8
BAHARÎYA	360	3	35	02	0	0	—	16.0	+0.3	19	39	+10	15	+4	64	12	0	1	7
FARAFRA	360	3	15	02	0	0	—	16.2		21	41		16		57	12	0	Rain	
DAKHLA	180	8	50	00	0	0	—	13.1	-1.5	29	42	+10	23	+10	29	9	0	dr.	
KHARGA	00	0	15	00	0	0	—	12.7	-1.4	27	41	+9	24	+10	37	11	0	dr.	
SUEZ	360	7	35	00	0	0	—	14.4	-0.6	23	38	+11	18	+4	65	16	0	44	15
TÔR	310	9	35	02	0	0	—	12.8	-0.2	24			18	+3	69	18	0	1	13
HURGHADA	340	10	30	02	0	0	—	12.9	-1.4	26	30	+6	20	+6	55	16	0	0	
QUSEIR	330	5	15	02	0	0	—	12.6	-0.2	30	31	+4	23	+4	49	18	0	dr.	4
PORT SÛDÂN	360	3	30	02	0	0	—	10.9		30	33		23		38	14	0	211	95
WÂDI HALFA	00	0	50	02	0	0	—	8.5		31	43		25		22	7	0	dr.	
ABU HAMAD																			
KAREIMA	50	8	30	03	1	3	AC	7.4		31	42		29		29	11	0	dr.	1
'ATBARA	70	8	30	01	0	1	AC	7.9		31	42		26		24	8	0	0	2
KHARTÛM	00	0	15	05	0	0	—	7.0		30	42		23		24	7	0	0.6	4
KASSALA	100	9	30	02	0	0	—	5.2		34	42		29		25	11	0	49	9
WÂD MEDANI																			12
RENK																			50
ROSEIRES																			41
EL OBEID	40	3	50	01	1	2	AC	6.5		30	40		22		8	-8	0	15	17
EL FÂSHER											38								6
GENEINA											37								4
MALAKÂL	230	4	30	01	1	2	Ac, Cs	7.5		29	39		25		49	17	0	94	98
WÂU	180	5	30	03	2	7	AC	8.4		27	35		26		66	20	7	175	184
JUBA	180	7	30	01	1	6	Sc, AC	7.9		27	35		24		70	21	0	247	207

HUMIDITY % Mean of day

Station	on 5th	Diff. from normal
Alexandria	91	+25
Ezbekiya	68	+12
Giza	76	+18
Helwan	64	+21

GIZA
GRASS MINIMUM TEMP
ON 6th 16.2 °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 ... ; ... 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 5th

Station	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Kharga Dir.	Kharga Vel.	Almaza Dir.	Almaza Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	14		14		14		14		14		14		14									
300	330	31	30	12	280	4	20	3	300	5	90	3	340	12								
600	340	24	60	14	340	3	340	3	290	7	90	7	340	11								
1000	330	31	70	14	300	3	320	5	320	8	90	9	280	8								
1500			100	9	290	10	340	5	330	6			240	21								
2000			150	8	280	10	350	7	350	5												
3000							10	7	270	4			190	20								
4000									280	5			220	17								
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Saîd Dir.	Port Saîd 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.	Almaza Dir.	Almaza Vel.
Time					2		2				7		2						8				9	
300					350	16	10	18			20	15	20	22					10	6			40	11
600					350	16	40	12			40	19	30	21					60	11			50	24
1000					360	17	40	9			70	13	20	17					110	16			70	23
1500							60	11			70	10	360	10					90	13			70	15
2000							70	7			90	3							90	15			60	12
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	8		8				8		4		4		4		4				4		5			
300	50	28	40	9			10	28	90	6														
600	40	30	50	11			20	26	120	19			90	17	60	15								
1000	50	29	50	23			20	23	100	23			110	19	70	12			360	19	30	11		
1500	70	24	50	35			20	26	80	19	80	29	90	27	40	8			350	9	60	21		
2000	100	22									50	15			350	10								
3000	140	14									40	8	50	8	350	8			130	5	130	6		
4000	180	6													190	8			180	5	330	6		
5000	270	17									120	7							260	5	290	15		
6000	280	10									130	5			300	6			170	3	150	7		
7000																			300	16				
8000																					230	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.

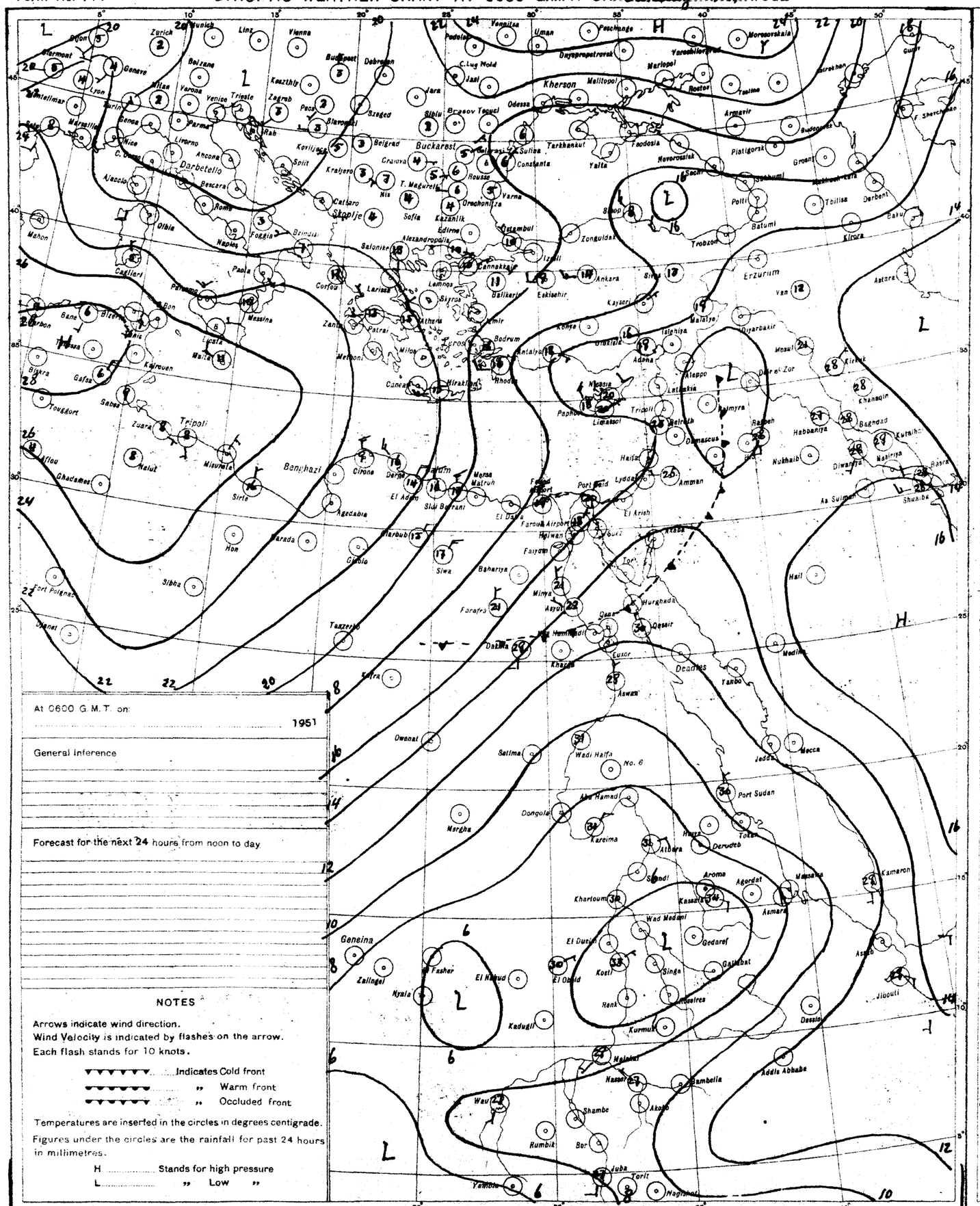
Note: All times are G.M.T.

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 6/4/1952



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	23
	" " 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 03 38 G.M.T.
" " Sunset 16 17 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 7th April, 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	SALUM	340	13	35	02	1	2	SC	21.8	18	73	13
	303	SÎDI BARÂNI	350	16	18	02	1	5	SC	21.6	19	60	11
	306	MATRÛH	350	13	12	03	1	4	SC	20.9	20	64	13
	309	EL DAB'A											
		ALEXANDRIA	20	20	50	00	0	0	—	18.6	20	73	15
	318	FOUAD (Airport)											
	330	DAMIETTA	360	9	18	02	0	0	—	17.6	21	83	18
	333	PORT SA'ID											
	336	EL 'ARISH	350	6	30	00	0	0	—	16.3	22	74	17
Lower Egypt	339	DAMANHUR	40	13	15	02	0	0	—	17.1	26	42	12
	342	MANSURA	360	5	35	00	0	0	—	16.8	28	40	13
	348	TANTA	360	5	35	02	0	0	—	16.2	29	40	14
	354	ZAGAZIG	40	2	50	02	0	0	—	16.3	31	43	17
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMAZA											
		EZBEKIYA	360		18	00	0	0	—	14.4	32	29	12
		GIZA	360		18	00	0	0	—	14.4	32	24	9
	378	HELWAN	20	22	15	02	0	0	—	13.2	34	18	6
Upper Egypt	381	FAIYUM	20	10	35	02	0	0	—	13.4	33	30	13
	387	MINYA	350	13	10	00	0	0	—	11.4	34	32	15
	393	ASYUT MANGABAO	360	3	30	00	0	0	—	10.7	38	16	8
	399	NAG' HAMMADI	00	0	35	00	0	0	—	10.4	41	14	8
	402	QENA	220	1	50	00	0	0	—	9.6	42	18	13
	405	LUXOR											
	414	ASWAN	90	4	50	00	0	0	—	7.5	42	9	2
Oases	417	SIWA	60	11	14	00	0	0	—	18.3	33	28	12
	420	BAHARIYA	360	1	35	02	0	0	—	12.8	34		
	423	FARAFRA	40	2	35	02	0	0	—	14.4	34	32	15
	432	DAKHLA	360	14	35	03	0	0	—	10.2	39	21	13
	435	KHARGA	20	2	15	00	0	0	—	9.3	30	35	13
Red Sea	450	SUEZ	360	8	50	02	0	0	—		33	41	18
	459	TOR	270	9	50	02	0	0	—	12.4	29	70	23
	462	HURGHADA	30	4	30	02	0	0	—		26	74	21
	465	QUSEIR	20	5	15	02	0	0	—	12.2	29	70	23
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM											
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL	180	22	30	03	8	6	Ch, Ci	2.3	37	27	15
	880	WAU											
	941	JUBA											

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.
SALUM	340	9	15	03	1	5	Ch	22.7	16	77	12	0
SÎDI BARÂNI	360	12	18	03	1	7	SC	21.5	17	88	15	0
MATRÛH	350	13	10	01	0	0	—	21.5	17	72	12	0
EL DAB'A	340	4	7	00	0	0	—		17	77	13	0
ALEXANDRIA	40	22	35	00	0	0	—	19.6	18	83	15	0
FOUAD (Airport)												
DAMIETTA	360	9	7	02	0	0	—	18.4	18	88	16	0
PORT SA'ID	10	19	15	02	0	0	—	17.1	20	83	17	0
EL 'ARISH												
DAMANHUR	40	13	15	02	0	0	—	18.4	17	77	13	0
MANSURA	360	9		00	0	0	—	18.3	18	83	15	0
TANTA	00	0	35	02	0	0	—	18.2	19	83	16	0
ZAGAZIG	320	1	35	02	0	0	—	17.4	19	83	16	0
ISMA'ILIA												
FAROUK (Airport)	20	17	14	00	0	0	—	16.9	21	74	16	0
ALMAZA												
EZBEKIYA	360	8	12	00	0	0	—	16.6	22	61	14	0
GIZA	360	8	12	00	0	0	—	16.6	21	65	14	0
HELWAN	340	18	3	05	0	0	—	16.2	23	50	12	0
FAIYUM	20	10	35	02	0	0	—	16.3	25	47	13	0
MINYA	360	15	8	00	0	0	—	12.9	26	58	17	0
ASYUT MANGABAO	260	5	10	00	0	0	—	11.5	29	37	13	0
NAG' HAMMADI	00	0	15	00	0	0	—	10.3	29	40	14	0
QENA	00	0	7	00	0	0	—	9.8	32	34	14	0
LUXOR	00	0	12	00	0	0	—	9.1	32	26	10	0
ASWAN	360	4	15	00	0	0	—	7.9	38	6	-5	0
SIWA	10	10	10	00	0	0	—	19.1	23	50	12	0
BAHARIYA												
FARAFRA												
DAKHLA	340	14	35	00	0	0	—	10.7	33	21	8	0
KHARGA												
SUEZ	310	10	35	02	0	0	—	15.6	22	57	13	0
TOR	270	2		02	0	0	—	11.0	26	74	21	0
HURGHADA	00	0	14	02	0	0	—	11.1	24	61	16	0
QUSEIR	360	2	15	02	0	0	—	10.6	28	40	13	0
PORT SUDAN	330	3	30	02	0	0	—	9.4	25	84	22	0
WADI HALFA	350	7	30	01	0	0	—	5.9	36	13	3	0
ABU HAMAD	50	5	30	02	0	1	AC		35	12	1	0
KAREIMA	360	7	30	02	0	0	—	2.9	37	8	-2	0
'ATBARA	00	0	30	03	0	2	AC	3.1	35	22	10	0
KHARTUM	360	6	30	02	0	1	AC	2.5	36	12	2	0
KASSALA	20	7	30	02	0	0	—	2.6	32	22	8	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER	00	0	30	02	1	3	Ci		33	20	7	0
GENEINA	250	2	30	01	2	5	Ci		31	21	6	0
MALAKAL	180	9	30	01	8	4	AC	5.7	30	59	21	0.5
WAU	20	3	30	25	3	8	NS	3.8	30	49	18	dr.
JUBA	180	12	30	13	2	8	Ch AC	0.8	27	66	20	0

At 0600 on Monday 7th April, 1952

Station	Wind 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	30	9	15	03	1	6	SC	20.7	+5.9	17	20?	-3	15	+3	68	11	0	Rain	
SÎDI BARÂNI	10	11	18	03	1	6	SC, Cu	21.2		17	20		16		72	12	0	115	
MATRÛH	360	13	18	01	1	2	AC	20.7	+5.5	16	20		15		60	10	0	132	
EL DAB'A	360	5	15	00	0	0	—			18	22		14		73	13	0	214	
ALEXANDRIA	40	23	50	00	0	0	—	18.3	+3.6	18	20	-3	16	+2	73	13	0	166	181
FOUAD (Airport)	10	14	18	02	0	0	—	18.3	+2.2	19			16	+4	73	14	0	Rain	137
DAMIETTA	40	5	15	00	0	0	—	17.4	+2.8	19	23	+1	16	+3	83	16	0	171	101
PORT SA'ID	40	10	12	01	0	0	—	17.3	+1.4	20	24	+3	18	+3	83	17	0	92	
EL 'ARISH	280	2	12	48	4	6	SC	16.8	+2.5	20			13		83	17	0	101	
DAMANHUR	40	9	7	02	0	0	—	18.4	+3.6	18	27	+1	13	+1	83	15	0	87	94
MANSURA	40	5	35	00	0	0	—	18.7	+3.7	18	28	+2	12	+1	83	15	0	62	48
TANTA	90	2	35	02	0	0	—	17.6	+2.6	17	30	+3	11	+1	77	13	0	64	36
ZAGAZIG	00	0	35	02	0	0	—	17.5	+2.5	19	32	+5	13	+2	83	16	0	30	25
ISMA'ILIA																			
FAROUK (Airport)	70	13	12	00	0	0	—	17.5		18	32		14		88	16	0	83	
ALMAZA	40	17	12	03	0	1	Ca	17.3	+1.2	17			15	+2	88	15	0	71	
EZBEKIYA	40		12	02	1	6	Cu, Ci	17.1	+2.1	18	33	+6	14	+1	78	14	0	61	23
GIZA	40		12	02	1	6	Cu, Ci	16.7	+1.4	18	32	+5	14	+4	83	15	0	58	22
HELWAN	360	11	7	02	0	0	—	16.6	+1.8	20	35	+8	17	+4	64	13	0	59	25
FAIYUM	360	12	35	02	0	0	—	16.0	+0.9	20	34	+6	15	+3	64	13	0	23	8
MINYA	340	11	10	00	0	0	—	15.6	-0.8	19	35	+7	16	+6	68	13	0	5	
ASYUT MANGABAO	290	6	12	00	0	0	—	14.2	-0.2	20	39	+10	17	+5	60	12	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	12.7	-1.0	25	42	+12	18	+6	47	13	0	0.1	
QENA	200	1	35	00	0	0	—	12.2	-1.2	30	43	+9	22	+7	29	10	0	2	
LUXOR											42								
ASWAN	00	0	50	00	0	0	—	11.1	-1.9	29	43	+9	24	+6	19	3	0	dr.	
SIWA	30	10	18	03	0	3	Cu, AC	19.5	+3.5	16	35	+7	14	+3	72	11	0	26	8
BAHARIYA	360	4	35	02	0	0	—	17.0	+1.3	18			14	+3	73	13	0	1	7
FARAFRA	20	2	15	02	0	0	—	17.0		19			13		68	13	0	Rain	
DAKHLA	340	8	35	02	0	0	—	13.6	-0.9	24	39	+7	20	+7	47	12	0	dr.	
KHARGA	360	8	15	00	0	0	—	12.2	-1.9	26			22	+8	42	12	0	dr.	
SUEZ											35	+8							15
TOR	310	9	35	02	0	0	—	11.0	-1.9	23			21	+6	74	18	0	1	13
HURGHADA	340	16	15	02	0	0	—	12.1	-2.1	25	27	+3	24	+10	58	18	0	0	
QUSEIR	360	9	15	02	0	0	—	12.8	0.0	27	31	+4	23	+4	52	16	0	dr.	4
PORT SUDAN											34								95
WADI HALFA	00	0	30	02	0	0	—	8.5		29	44		24		20	4	0	dr.	
ABU HAMAD	90	12	15	07	0	0	—			34	43		27		16	5	0		
KAREIMA											42								1
'ATBARA											42								2
KHARTUM											43								4
KASSALA											43								9
WAD MEDANI	130	13	35	01	2	3	Cs	4.4		34	42		27		25	11	0	20	12
RENK																			50
ROSEIRES																			41
EL OBEID	230	12	30	03	0	2	Ac, Ci	5.7		29	41		22		29	9	0	15	17
EL FASHER											40								6
GENEINA	00	0	30	01	1	1	Ac, Cs			25	37		21		42	11	0		4
MALAKAL											39								99
WAU											38								186
JUBA	180	2	50	01	2	7	Ac, Cs	9.6		27	35		23		66	20	0	247	210

HUMIDITY

Mean of day

Station	on 6th	Diff. from normal
Alexandria	73	+7
Ezbekiya	66	+10
Giza	67	+9
Helwan	54	+11

GIZA GRASS MINIMUM TEMP. ON 7th 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 6th

Height m.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		20	
300	50	2	360	17	300	13	40	22	20	4	360	21	340	16
600	310	3	350	13	300	3	70	17	20	19	10	19	320	24
1000			320	5	210	3	40	21	20	21	360	21	320	32
1500			240	10	220	3	40	23			360	12	300	16
2000			280	10	40	2	60	20						
3000					80	8								
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 7th

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 Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time			4		2		2						2		8				8				3 30	
300			20	17	20	17	50	13					30	24	310	15			50	6			40	21
600			40	23	20	15	20	9					50	20	120	11			60	20			40	25
1000			60	18	10	15	40	16					40	20	230	6			70	10			50	27
1500			70	10			40	16							110	11			80	11			60	16
2000			170	10											100	7			110	17				
3000			190	9											170	4			60	10				
4000			240	10											220	7			70	8				
5000															230	15								
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		8				8		4		4		4											
300	40	30					360	15	90	9														
600	50	25	60	15			30	13	120	19	110	17	90	22										
1000	60	24	60	15			80	7	130	22	110	23	90	32										
1500	80	34	70	27			120	10	120	21	100	15	70	26										
2000	80	23					150	8					50	20										
3000	100	9					200	7	40	11	100	33												
4000							200	10																
5000							180	12			80	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.

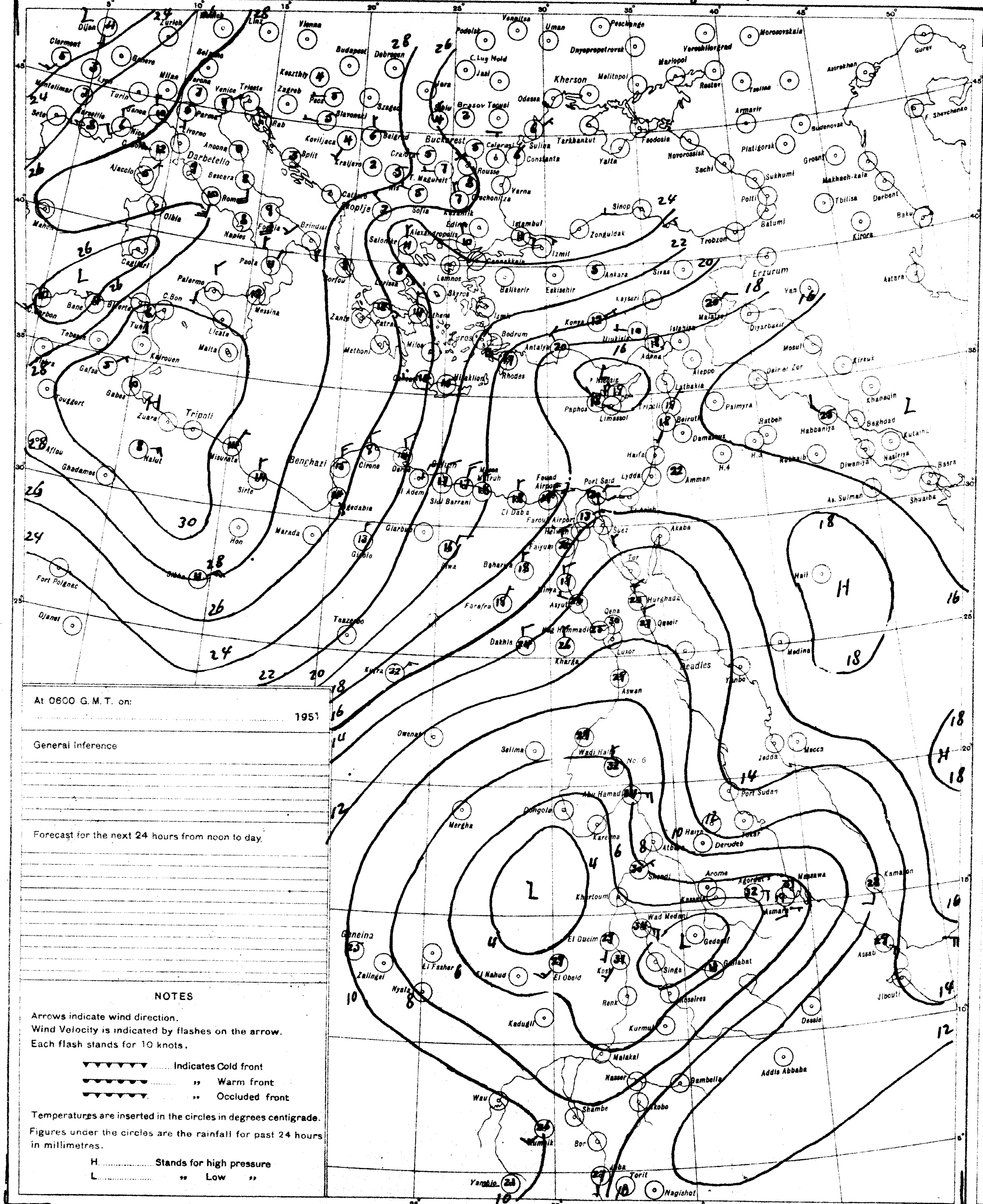
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 7/4/ 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
	,, 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 37 G.M.T.
" " Sunset 16 18 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 8th April, 1951

At 1200 on Monday 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											
	303	SIDI BARANI											
	306	MATRUH											
	309	EL DABA	360	9	35	00	0	0	—		20	56	11
		ALEXANDRIA											
	318	FOUAD (Airport)	20	12	18	02	0	0	—	17.0	21	61	13
	330	DAMIETTA	360	9	35	02	0	0	—	16.7	21	74	16
	333	PORT SA'ID	10	17	12	02	0	0	—	14.6	21	74	16
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	13	15	02	0	0	—	16.4	21	38	9
	342	MANSURA	20	5	35	00	0	0	—	16.2	26	42	12
	348	TANTA	360	13	35	02	0	0	—	15.1	25	47	13
	354	ZAGAZIG	40	2	50	02	0	0	—	14.3	29	35	12
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMAZA											
		EZBEKIYA	40		18	00	0	0	—	13.2	30	24	7
		GIZA	40		18	00	0	0	—	13.5	30	25	8
	378	HELWAN	360	15	35	02	0	0	—	12.4	31	22	7
Upper Egypt	381	FAIYUM	360	12	35	01	0	0	—	12.8	32	20	6
	387	MINYA	340	10	12	00	0	0	—	10.3	34	23	10
	393	ASYUT MANQABAD	350	7	30	00	0	0	—	10.4	35	19	8
	399	NAG' HAMMADI	290	1	35	00	0	0	—	9.6	40	19	12
	402	QENA	40	1	50	00	0	0	—	9.0	43	16	12
	405	LUXOR											
	414	ASWAN	270	4	50	00	0	0	—	7.8	41	8	0
Oases	417	SIWA	40	22	14	01	0	0	—	19.2	27	25	5
	420	BAHARIYA	90	2	35	02	0	0	—	12.4	36		
	423	FARAFRA	00	0	35	02	0	0	—	13.0	32	38	16
	432	DAKHLA	340	11	50	00	0	0	—	9.8	38	18	10
	435	KHARGA	360	1	7	00	0	0	—	10.0	37	22	12
Red Sea	450	SUEZ	360	8	50	02	0	0	—	12.8	31	22	7
	459	TOR	310	13	50	02	0	0	—	9.8	28	62	20
	462	HURGHADA	20	8	30	02	0	0	—	9.8	26	70	20
	465	QUSEIR	20	9	15	02	0	0	—	9.9	28	62	20
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	90	9	10	06	0	1	Cu		41	10	4
	660	KAREIMA	70	13	30	02	0	1	Cu	2.6	40	11	4
	680	'ATBARA		3	30	03	0	1	Cu	1.7	40	15	9
	721	KHARTUM	290	4	30	03	0	3	Cu	1.0	42	9	3
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	270	5	50	03	0	4	Cu, Ci	3.2	39	11	3
	760	EL FASHER	300	4	30	03	0	2	Cu, Ci		39	10	2
	770	GENEINA	10	1	30	03	1	5	Cu		38	7	-3
S. Sudan	840	MALAKAL											
	880	WAU											
	941	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	340	9	15	00	0	0	—	19.6	16	77	12	0
SIDI BARANI	10	14	18	01	2	4	Sc	20.1	17	56	8	0
MATRUH	360	12	10	02	2	6	AC	19.9	17	60	9	0
EL DABA	340	1	7	03	2	7	St		17	60	9	0
ALEXANDRIA	360	22	35	00	0	0	—	17.5	18	60	10	0
FOUAD (Airport)	350	15	12	02	0	0	—	17.4	18	60	10	0
DAMIETTA	340	9	7	02	0	0	—	16.0	18	83	15	0
PORT SA'ID	10	19	14	02	0	0	—	15.3	19	78	15	0
EL 'ARISH												
DAMANHUR	40	9	15	02	0	0	—	17.2	17	68	11	0
MANSURA	360	5		00	0	0	—	16.6	18	73	13	0
TANTA	360	2	35	02	0	0					13	0
ZAGAZIG	220	6	35	02	0	0	—	16.8	17	77	13	0
ISMAILIA												
FAROUK (Airport)	20	18	12	00	0	0	—	17.1	19	83	16	0
ALMAZA	20	19	12	00	0	0	—	16.4	19	64	12	0
EZBEKIYA	360		12	00	0	0	—	16.2	19	60	11	0
GIZA	360		12	00	0	0	—	15.5	20	46	8	0
HELWAN	340	13	7	02	0	0	—	15.1	20	56	11	0
FAIYUM	360	12	15	00	0	0	—	15.0	22	36	6	0
MINYA	350	19	8	00	0	0	—	10.7	25	42	11	0
ASYUT MANQABAD	320	10	10	00	0	0	—	10.6	27	37	11	0
NAG' HAMMADI	00	0	15	00	0	0	—	8.7	29	40	14	0
QENA	00	0	7	00	0	0	—	9.3	31	16	2	0
LUXOR	00	0	12	00	0	0	—	7.6	32	36	15	0
ASWAN	00	0	15	00	0	0	—	7.1	39	8	-1	0
SIWA	20	10	10	03	1	5	AC	19.6	21	57	12	0
BAHARIYA	360	7	15	02	0	0	—	15.5	20	73	15	0
FARAFRA	360	20		34	3	0	—	13.9	26	48	14	0
DAKHLA	340	11	35	00	0	0	—	10.4	33	21	8	0
KHARGA	00	0	15	00	0	0	—	9.3	37	19	10	0
SUEZ												
TOR	310	13		02	0	0	—	10.3	28	62	20	0
HURGHADA												
QUSEIR	90	2	15	02	0	0	—	9.9	26	66	19	0
PORT SUDAN	00	0	30	02	0	0	—	9.4	28	74	23	0
WADI HALFA	20	11	50	02	0	0	—	8.5	36	8	-3	0
ABU HAMAD	50	3	30	01	1	3	AC		35	12	1	0
KAREIMA	50	1	30	01	0	0	—	3.4	34	25	11	0
'ATBARA	340	1	30	03	0	1	AC	2.0	35	23	11	0
KHARTUM	10	4	30	01	1	2	AC	1.8	34	14	3	0
KASSALA	40	3	30	03	2	7	AC	1.9	35	15	5	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	1	AC	1.5	34	25	11	0
EL FASHER												
GENEINA	00	0	30	01	2	3	AC		32	16	3	0
MALAKAL												
WAU												
JUBA												

At 0600 on Tuesday 8th April, 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.	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	320	5	15	03	1	3	Sc	21.5	+6.8	15	21	-3	12	0	77	11	0	Rain	
SIDI BARANI	330	12	18	02	1	2	Cu	20.7		17	20		14		56	8	0	115	
MATRUH	320	13	12	01	1	2	Cu, Cs	20.2	+5.1	17	20		15		60	9	0	132	
EL DABA	320	16	7	02	1	4	Cu			17	21		16		68	11	0	214	
ALEXANDRIA	360	27	50	01	1	6	AC, Ci	17.8	+3.1	18	21	-2	16	+2	60	10	0	166	181
FOUAD (Airport)	330	19	18	03	1	6	AC	17.4	+1.3	18	21	-1	15	+3	60	10	0	Rain	137
DAMIETTA	360	5	7	03	1	6	Cu	17.0	+2.4	18	21	-1	13	0	83	15	0	171	101
PORT SA'ID	340	16	12	01	0	1	Sc	14.7	-1.2	18	22	+1	17	+2	78	14	0	92	
EL 'ARISH																			
DAMANHUR	40	9	7	02	1	1	Ci	17.4	+2.7	18	25	-1	12	0	60	10	0	87	95
MANSURA	360	5	35	00	0	0	—	16.2	+1.2	18	27	+1	13	+1	83	15	0	62	49
TANTA	270	2	35	03	2	5	As	16.3	+1.3	17	28	+1	10	-1	77	13	0	64	36
ZAGAZIG	00	0	35	02	0	0	—	17.1	+2.1	18	30	+3	11	0	83	15	0	30	25
ISMAILIA																			
FAROUK (Airport)	330	8	11	01	1	2	Cu	17.1		16	31		12		82	13	0	83	
ALMAZA	340	12	12	03	0	3	Sc	16.5	+0.4	15	30	+4	12	-1	88	13	0	71	
EZBEKIYA	360	6	12	02	1	5	Cu	16.8	+1.8	18	31	+4	13	0	73	13	0	61	23
GIZA	360	6	12	02	1	5	Cu	16.3	+1.1	18	30	+3	12	+2	73	13	0	58	22
HELWAN	340	16	7	03	1	4	St	16.6	+1.9	16	32	+5	14	+1	77	12	0	59	25
FAIYUM	360	12	15	07	0	0	—	16.7	+1.6	18	32	+3	14	+2	73	13	0	23	8
MINYA	350	25?	8	00	0	0	—	14.8	-1.5	18	34	+5	14	+4	73	13	0	5	
ASYUT MANQABAD	340	12	6	10	0	0	—	14.9	+0.5	17	36	+7	15	+3	56	8	0	3	
NAG' HAMMADI	340	1	7	01	1	4	As	12.4	-1.2	22	42	+12	18	+6	57	13	0	0.1	
QENA	270	1	15	03	1	4	Ci	11.4	-1.9	24	43	+9	21	+6	47	12	0	2	
LUXOR	240	2	4	05	2	6	Sc	10.2	-3.2	28	42		22		49	16?	0	dr.	
ASWAN	360	5	50	00	0	0	—	10.0	-2.9	29	43	+9	24	+6	19	3	0	dr.	
SIWA	350	8	14	03	0	1	AC	21.8	+5.8	14	28	0	13	+2	67	8	0	26	8
BAHARIYA	360	4	35	02	2	7	AC	17.8	+2.2	17	36	+7	13	+2	77	13	0	1	7
FARAFRA	20	4	7	05	2	3	AC	17.0		18	36		14		46	6	0	Rain	
DAKHLA	340	23	3	00	0	0	—	16.3	+1.9	19	40	+8	15	+2	46	7	0	dr.	
KHARGA	360	6	7	00	0	0	—	13.7	-0.3	21	37	+5	18	+4	50	10	0	dr.	
SUEZ	310	9	35	00	0	1	Cu			19			15	+1	73	14	0	44	15
TOR	310	9	35	02	0	0	—	11.1	-1.7	22			19	+3	74	17	0	1	13
HURGHADA	340	17	30	03	0	3	AC	11.2	-2.9	23			22	+7	44	10	0	0	
QUSEIR	360	9	15	02	0	0	—	11.2	-1.5	25	29	+2	21	+2	42	11	0	dr.	4
PORT SUDAN	20	2	30	01	1	1	Cu	12.0		29	34		24		74	24	0	211	95
WADI HALFA	00	0	30	01	0	1	AC	8.1		28	43		23		19	2	0	dr.	
ABU HAMAD	90	7	30	01	1	4	AC			34	42		28		14	3	0		
KAREIMA											41								1
'ATBARA	160	5	10	05	0	4	AC	5.7		31	41		25		28	10	0	0	2
KHARTUM	90	5	15	05	1	1	AC	4.9		31	43		26		24	8	0	0.6	4
KASSALA	180	5	30	01	1	1	AC	6.0		33	43		27		26	11	0	49	9
WAD MEDANI	180	5	35	02	1	0	—	5.8		32	41		27		29	12	0	20	12
RENK																			50
ROSEIRES																			42
EL OBEID	220	5	30	02	0	1	AC	5.7		30	41		15		40	15	0	15	17
EL FASHER	40	2	30	03	0	2	Ci			25	40		19		24	3	0	13	6
GENEINA											39								4
MALAKAL	200	8	30	03	1	7							25			19	0	94	100
WAU																			188
JUBA																			213

HUMIDITY %

Mean of day

Station	on 7th	Diff. from normal
Alexandria	68	+2
Ezbakiya	64	+8
Giza	63	+5
Helwan	50	+8

G I Z A

GRASS MINIMUM TEMP.

ON 8th 11.2 °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					

Airport On ..... At ..... Pressure 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 14 Dir.	Siwa 14 Vel.	Kharga 14 Dir.	Kharga 14 Vel.	Port Said 14 Dir.	Port Said 14 Vel.	Almaza 14 Dir.	Almaza 14 Vel.	S. Barani 14 Dir.	S. Barani 14 Vel.	Minya 20 Dir.	Minya 20 Vel.	Port Said 20 Dir.	Port Said 20 Vel.
300	20	36	360	11	360	16	20	16	350	18	350	21		
600	20	39	350	10	10	18	30	22	360	20	350	22	360	21
1000	20	33	330	7	20	16	30	20	10	20	340	24	360	20
1500	20	25	180	6	40	14	90	17			340	24	20	14
2000	360	16	160	11									360	2
3000	290	7												
4000	210	25												
5000	180	32												
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 8th

Height m.	Sidi Barani 8 Dir.	Sidi Barani 8 Vel.	Matruh 4 Dir.	Matruh 4 Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said 2 Dir.	Port Said 2 Vel.	El 'Arish 8 Dir.	El 'Arish 8 Vel.	Helwan 6 15 Dir.	Helwan 6 15 Vel.	Minya 2 Dir.	Minya 2 Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan 8 Dir.	Aswan 8 Vel.	Hurghada Dir.	Hurghada Vel.	Almaza 8 15 Dir.	Almaza 8 15 Vel.
300	320	23	320	10			320	14	20	8	340	16	350	12					20	8			10	14
600	320	19	330	15			320	13	360	9	350	31	340	15					30	9			360	19
1000	330	19	330	14			360	10	50	15			360	15					70	9			10	20
1500	330	17							60	23			360	13					360	10			10	6
2000	300	16							80	15			40	2					120	6				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa 8 Dir.	Siwa 8 Vel.	Bahariya 8 Dir.	Bahariya 8 Vel.	Dakhla Dir.	Dakhla Vel.	Kharga 8 Dir.	Kharga 8 Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum 4 Dir.	Khartum 4 Vel.	Kassala Dir.	Kassala Vel.	El Obeid 4 Dir.	El Obeid 4 Vel.	El Fasher Dir.	El Fasher Vel.	Malakal 4 Dir.	Malakal 4 Vel.
300	360	17	30	36			360	19																
600	360	23	20	36			360	27							120	17			220	22			190	12
1000	360	20	10	30			20	23							120	19			320	22			190	29
1500	330	23	20	30											80	23			230	10			190	19
2000	340	17																	10	5				
3000	290	16													30	11			20	6			40	6
4000	270	30																					60	16
5000	250	40																						
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.

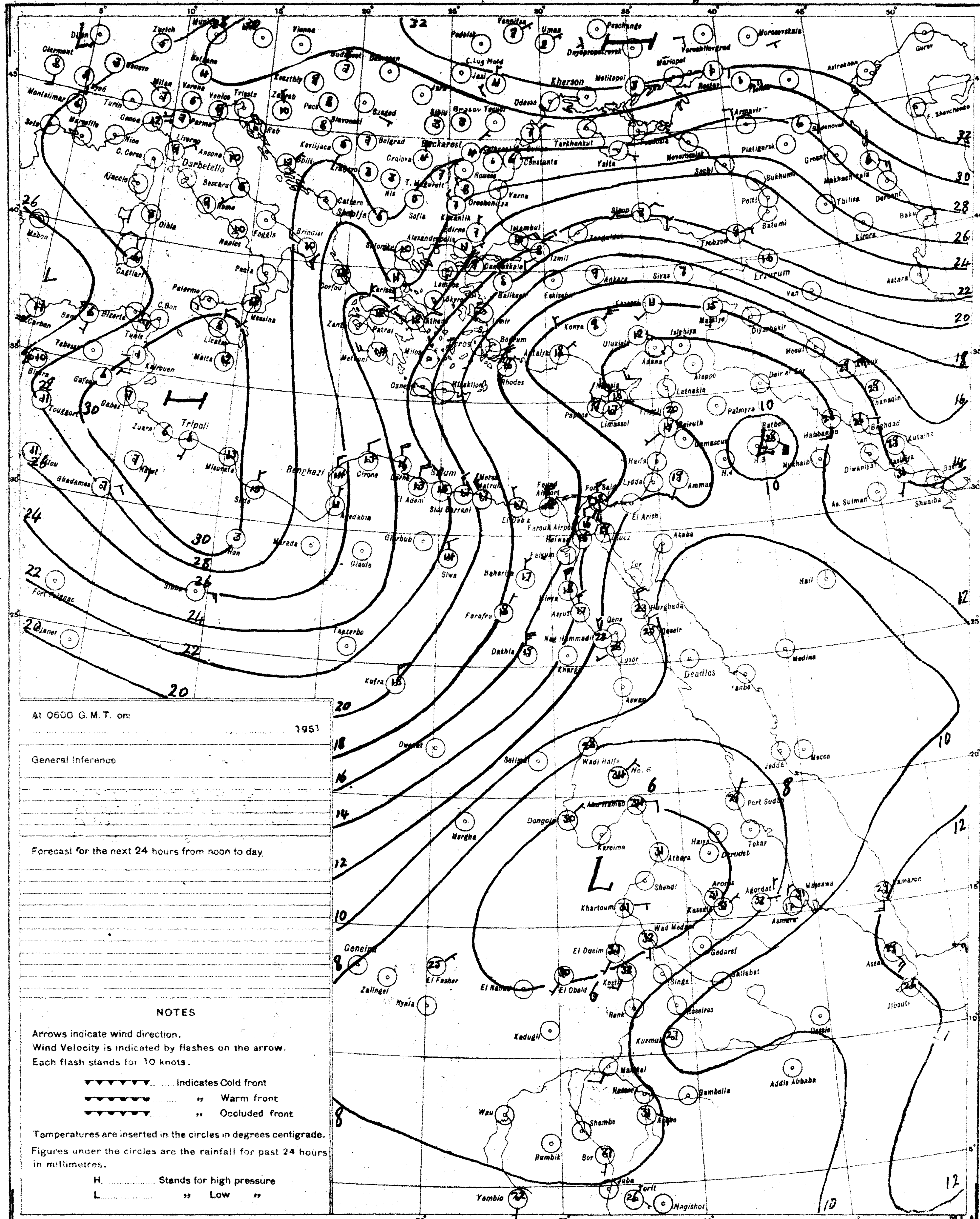
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 8/4/ 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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.L.A

CAIRO

Time of Sunrise 03 35 G. M. T.

" " Sunset 16 18 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Wednesday 9th April, 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	SALŪM	340	9	35	02	0	2	SC	21.1	20	41	6
	303	SÎDI BARĀNI	340	18	18	02	1	2	Cu	21.3	17	43	6
	306	MATRŪH	320	18	18	02	1	3	SC	20.3	19	52	9
	309	EL DABA	320	7	35	01	1	3	Cu		19	52	9
		ALEXANDRIA	360	27	50	00	0	0	—	18.2	20	46	8
	318	FOUAD (Airport)	320	20	18	02	0	1	Ci	18.0	20	53	10
	330	DAMIETTA	290	29	35	01	1	2	Cu	17.1	19	73	14
	333	PORT SA'ID	340	19	14	01	2	4	SC, Cu	15.7	19	73	14
	336	EL 'ARISH	320	10	30	05	2	7	Cu	14.4	20	78	16
Lower Egypt	339	DAMANHUR	40	13	15	02	1	1	Ci	17.6	21	50	10
	342	MANSURA	320	19	35	00	0	0	—	17.6	23	44	10
	348	TANTA	310	18	35	01	1	3	Cu	16.7	23	38	8
	354	ZAGAZIG	40	2	50	02	1	0	—	17.8	25	42	11
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	20	13	30	01	2	2	AC	13.0	24	47	12
	372	ALMAZA	340	16	15	01	1	4	Cs	13.4	24	47	12
		EZBEKIYA	40	5	18	02	1	3	Ci	15.6	25	36	9
		GIZA	40	5	18	02	1	3	Ci	15.4	24	38	9
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	12	15	07	0	0	—	16.2	26	30	7
	387	MINYA	360	17	10	00	1	0	—	13.5	26	32	8
	393	ASYUT MANQABAD	320	12	8	05	0	0	—	11.8	31	22	7
	399	NAG' HAMMADI	290	1	15	00	0	0	—	11.0	32	29	12
	402	QENA	270	2	35	00	0	0	—	8.3	36	25	13
	405	LUXOR											
	414	ASWAN	250	3	50	00	0	0	—	6.3	41	8	0
Oases	417	SIWA	290	10	14	00	0	0	—	20.7	24	24	2
	420	BAHARIYA	360	5	35	02	2	8	As	17.0	25	54	15
	423	FARAFRA	360	11	0.4	31	3	5	AC	17.5	26	25	4
	432	DAKHLA	320	14	35	00	0	0	—	13.8	30	37	11
	435	KHARGA	360	9	15	00	0	0	—	10.8	28	40	13
Red Sea	450	SUEZ	360	12	35	03	1	7	As	13.8	24	38	9
	459	TOR											
	462	HURGHADA	350	22	30	02	1	0	—	8.7	25	58	16
	465	QUSEIR	360	9	15	02	0	2	Ci		26	70	20
	641	PORT SUDAN	50	9	30	03	0	2	Cu	8.7	30	79	26
Non-Sudan	620	WADI HALFA	40	6	30	02	0	1	Cu	4.0	43	7	0
	640	ABU HAMAD	90	7	30	02	0	2	Cu, AC		41	11	5
	660	KAREIMA	70	6	30	03	0	2	Cu, As	4.2	41	11	5
	680	'ATBARA	90	8	30	02	1	4	Cu	0.7	44	13	10
	721	KHARTUM	50	5	30	03	1	3	Cu	999.2	42	11	5
	750	KASSALA	90	11	10	06	1	5	Cu	999.7	40	17	11
Central Sudan	751	WAD MEDANI											
	801	RENK	180	9	35	02	2	7	Cu		39	30	18
	802	ROSEIRES	230	5	15	02	1	8	SC	5.4	32	43	18
	771	EL OBEID	310	5	50	03	1	6	Cu	999.7	40	15	9
	760	EL FASHER	30	9	30	03	1	3	Cu, Ci		30	17	2
	770	GENEINA	70	7	30	03	2	6	Cu, AC		38	6	-1
S. Sudan	840	MALAKAL	200	12	30	08	1	6	Cu, Ci	2.0	38	29	17
	880	WAU	200	8	30	03	2	7	Cb	1.2	38	29	17
	941	JUBA	270	2	50	25	8	6	Cu	2.9	36	35	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.
SALŪM	340	5	15	00	0	0	—	20.4	16	59	8	0
SÎDI BARĀNI	320	17	18	01	1	1	SC	20.9	16	49	5	0
MATRŪH	310	13	12	01	0	1	SC, Cu	20.9	16	49	5	0
EL DABA	320	5	7	02	1	4	Cu		16	59	8	0
ALEXANDRIA	360	24	35	01	1	3	AC	20.0	15	63	8	0
FOUAD (Airport)	340	15	12	01	1	1	SC	19.2	16	52	6	0
DAMIETTA	320	5	7	01	1	1	Cu	17.0	17	68	11	0
PORT SA'ID	140	16	12	01	1	3	SC, Ci	17.1	17	72	12	0
EL 'ARISH												
DAMANHUR	360	9	7	02	0	0	—	18.4	17	68	11	0
MANSURA	360	5		00	0	0	—	19.1	16	66	10	0
TANTA	310	2	35	02	1	0	—	19.4	16	77	12	0
ZAGAZIG	00	0	35	02	1	0	—	18.2	16	68	10	0
ISMAILIA												
FAROUK (Airport)	360	9	12	01	1	2	AC	18.3	18	60	10	0
ALMAZA	360	19	12	01	2	3	AC, Ci	18.7	18	60	10	0
EZBEKIYA	350	5	12	02	1	6	Ci	18.4	18	52	8	0
GIZA	350	5	12	02	1	6	Ci	18.2	17	52	7	0
HELWAN												
FAIYUM	360	8	35	03	2	6	St		14	46	7	0
MINYA	340	15	8	03	2	6	AC	16.3	21	33	4	0
ASYUT MANQABAD	340	14	6	07	1	2	AC	15.6	23	32	5	0
NAG' HAMMADI	290	2	7	00	0	0	—	12.3	25	42	11	0
QENA	290	1	7	00	0	0	—	9.6	29	19	3	0
LUXOR	280	3	12	00	0	0	—	9.2	23	41	9	0
ASWAN	360	6	15	00	0	0	—	7.0			-5	0
SIWA	360	8	10	00	0	0	—	21.4	20	46	8	0
BAHARIYA	360	5	15	02	2	0	—	18.6	19	73	14	0
FARAFRA	360	5	7	02	3	2	AC	17.9	22	65	15	0
DAKHLA	340	14	15	00	0	0	—	14.8	23	44	10	0
KHARGA	360	24	7	03	3	0	—	13.6	26	25	4	
SUEZ	360	9	15	01	0	4	Cu	17.6	19	64	12	0
TOR												
HURGHADA	330	18	14	02	0	0	—		25	45	12	0
QUSEIR	360	5	15	02	1	0	—	10.6	25	61	17	0
PORT SUDAN												
WADI HALFA	30	25	1	30	3	8		5.9	34	22	9	0
ABU HAMAD												
KAREIMA												
'ATBARA	50	12	10	07	1	4	Cu, AC	1.7	38	19	11	0
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Wednesday 9th April, 1952

Station	Wind 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	01	0	3	Sc	21.4	+6.7	15	20	-4	11	-1	68	9	0	Rain	
SIDI BARANI	330	11	18	02	1	2	Cb	21.5		16	20		14		45	4	0	115	
MATRUH	330	13	18	03	1	5	Cu	20.9	+5.8	17	21		11		49	6	0	132	
EL DABA	320	8	15	03	2	6	Sc, Cu			17	20		14		52	7	0	244	
ALEXANDRIA	360	23	50	01	2	3	Cu	19.6	+5.0	16	20	-3	15	0	59	8	0	166	181
FOUAD (Airport)	320	15	18	02	1	3	SC	19.8	+3.7	17	20	-2	15	+3	52	7	0	Rain	137
DAMIETTA	290	5	7	02	1	1	Cu	19.2	+4.6	17	20	-2	15	+2	60	9	0	171	101
PORT SA'ID	270	10	12	02	1	3	SC	18.3	+2.4	16	20	-1	15	0	68	10	0	92	
EL 'ARISH	330	6	18	03	1	4	Cu, Sc	18.2	+4.0	18			15		46	6	0	101	
DAMANHUR	40	9	7	02	1	1	Cu	19.5	+4.8	16	22	-4	10	-2	59	8	0	87	95
MANSURA	320	5	35	00	0	0	—	19.4	+4.5	16	24	-2	9	-3	68	10	0	62	49
TANTA	310	2	35	02	0	0	—	19.0	+4.1	15	23	-4	7	-4	68	9	0	64	36
ZAGAZIG	00	0	35	02	0	0	—	19.6	+4.7	16	26	-1	10	-1	68	10	0	30	25
ISMAILIA																			
FAROUK (Airport)	40	3	10	05	0	0	—	19.3		16	25		10		68	10	0	83	
ALMAZA	30	8	12	00	0	0	—	17.8	+3.7	16	24	-2	11	-2	52	6	0	71	
EZBEKIYA	360	2	12	00	0	0	—	17.4	+4.5	17	26	-2	12	-1	56	8	0	61	23
GIZA	360	2	12	00	0	0	—	19.0	+3.9	16	25	-2	9	-1	59	8	0	58	22
HELWAN																			25
FAIYUM	360	6	35	02	0	0	—	19.9	+4.8	17	26	-3	10	-2	60	9	0	23	8
MINYA	360	17	8	00	1	0	—	18.7	+2.4	15	27	-2	11	+1	59	7	0	5	
ASYUT MANQABAD	360	13	12	00	0	0	—	18.4	+4.1	17	31	+2	15	+3	56	8	0	3	
NAG' HAMMADI	290	2	7	01	1	3	Ac	15.4	+1.9	19	34	+3	15	+3	64	12	0	0.1	
QENA	220	1	35	00	0	0	—	14.2	+0.9	23	39	+5	17	+2	44	10	0	2	
LUXOR	00	0	30	00	0	0	—	14.0	+0.7	22	38		19		47	10	0	dr.	
ASWAN	360	9	15	07	3	0	—	12.6	-0.3	23	42	+8	21	+3	38	8	0	dr.	
SIWA	340	6	14	00	0	0	—	23.1	+7.2	14	25	-3	11	0	77	10	0	26	8
BAHARIYA	340	4	35	02	0	0	—	21.0	+5.4	14	26	-3	9	-3	67	8	0	1	7
FARAFRA	360	5	15	02	0	0	—	20.8		13	26		9		77	9	0	Rain	
DAKHLA	340	14	35	02	0	0	—	17.6	+3.2	18	31	-1	15	+2	46	6	0	dr.	
KHARGA	360	13	35	03	3	4	Ac	17.0	+3.1	17	28	-4	16	+1	52	7	0	dr	
SUEZ					1	Cu		18.3	+3.5	17	26	-1	12	-2	60	9	0	44	15
TOR																			13
HURGHADA	330	26	30	03	0	2	SC	13.2	-0.3	20	28	+4	18	+3	53	10	0	0	
QUSEIR	360	19	15	02	0	0	—	13.0	+0.4	23	27	0	21	+2	61	15	0	dr.	4
PORT SUDAN	360	5	30	01	2	7	SC	10.0		29	31		26		70	23	0	211	95
WADI HALFA	60	22	4	07	1	5	AC, Ci	10.8		25	43		21		24	3	0	dr.	
ABU HAMAD	90	5	30	01	2	2	AC			33	42		27		16	4	0		
KAREIMA	20	15	4	07	1	0	—	6.1		30	42		28		18	3	0	dr.	1
'ATBARA	160	4	30	02	0	1	AC	4.7		33	43		27		30	13	0	0	2
KHARTUM	210	7	30	02	0	0	—			31	43		26		41	16	0	0.6	4
KASSALA	270	1	30	01	1	2	AC	4.9		32	42		28		34	14	dr.	49	9
WAD MEDANI	130	2	35	02	0	2	Cc	5.1		31	43		24		33	13	0	20	12
RENK																			50
ROSEIRES	130	2	35	02	1	3	Ci	6.0		30	38		24		49	15	0	92	42
EL OBEID	310	8	50	03	0	4	Ac, Cs	4.7		31	41		25		40	15	0	15	17
EL FASHER	70	14	4	05	2	8	Ac, Cs			29	40		23		19	3	0	13	6
GENEINA	40	15	1	06	4	9				26	39		23		16	-2	0		4
MALAKAL	160	4	30	02	2	7	AC	5.9		27	34		24		62	19	1	95	101
WAU	200	8	10	03	9	8	As, As			21	39		20		94	20	53	228	190
JUBA	180	4	30	02	2	5	AC	6.4		29	38		25		62	21	dr.	247	216

UPPER AIR OBSERVATIONS

Humidity % Mean of day

Station	on 8th	Diff. from normal
Alexandria	59	-7
Zagazig	58	+2
Giza	60	+2
Helwan		

Grass Minimum Temp. on 9th 7.1

Remarks

Aeroplane Ascent — RAWINSONDE

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

UPPER WIND OBSERVATIONS on 8th

Station	Matruh Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Siwa Dir.	Vel.	S. Barani Dir.	Vel.	Kharga Dir.	Vel.									P. Said Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		14		14		14		14										20		20	
300	320	25	330	11	20	19	340	23	340	9	330	15	360	24									320	18	350	19
600	330	27	330	12	360	25	340	33	340	4	330	18	360	27									320	17	360	23
1000	320	23	330	11	340	13	350	24	10	8	330	28	360	25									320	20	360	23
1500	320	21	310	13	320	16			330	16	310	19											320	21		
2000	300	20	310	19					310	15													330	16		
3000									290	26													10	5		
4000									280	30																
5000									280	35																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

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.	Khargha Dir.	Vel.
Time			4				8						2									
300			360	18			300	16					360	22								
600			330	16			300	10					330	20								
1000			340	14			300	9					340	16								
1500			330	21			300	12					350	17								
2000			40	16																		
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							8																	
300							360	29																
600							360	31																
1000							20	44																
1500							30	18																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

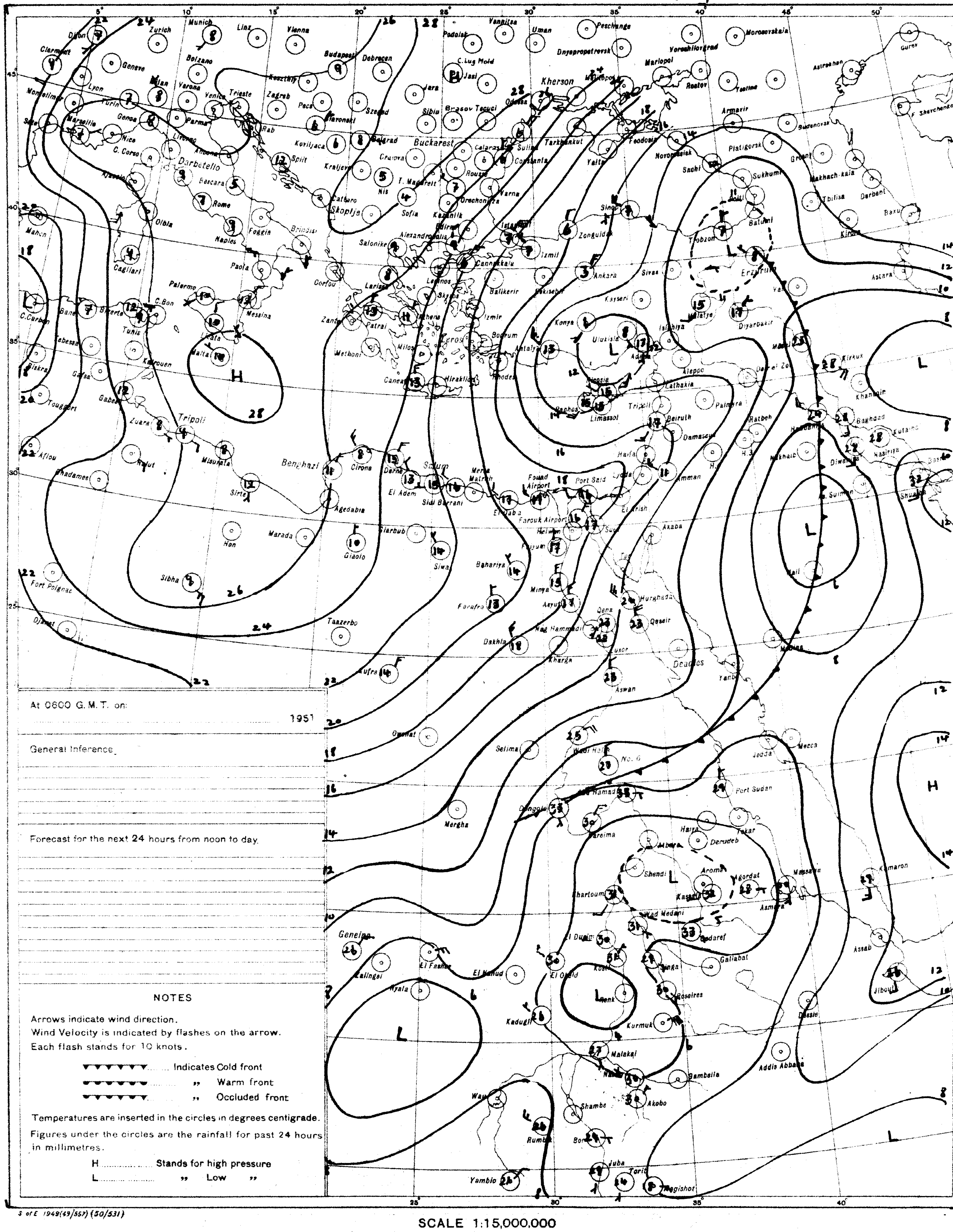
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 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 ,,

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 34 G.M.T.
" " Sunset 16 19 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 10th April, 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	30	9	15	02	1	4	Sc	22.4	17	60	9
	303	SÎDI BARÂNI	340	15	30	02	1	2	Cu	22.4	18	46	6
	306	MATRÛH	320	17	18	01	1	4	Cu	21.9	18	46	6
	309	EL DABʻA	360	10	35	02	1	4	Cu		18	46	6
		ALEXANDRIA	360	19	50	02	2	4	Cu	20.6	20	46	8
	318	FOUAD (Airport)	340	16	18	03	0	3	Sc	20.3	19	49	8
	330	DAMIETTA	290	9	35	03	1	2	Cu	19.8	18	52	8
	333	PORT SAʻÎD	340	19	30	01	1	3	Sc	18.6	18	52	8
	336	EL ʻARISH											
Lower Egypt	339	DAMANHUR	40	13	15	02	1	1	Cu	19.8	20	46	8
	342	MANSURA	360	13	35	00	0	0	—	19.4	20	41	6
	348	TANTA	310	13	35	03	2	5	Cu	18.4	23	38	8
	354	ZAGAZIG	320	2	50	03	1	1	Cu		22	44	9
	441	ISMAʻILIA											
Cairo Area	366	FAROUK (Airport)	340	10	30	02	0	4	Cu	19.3	22	31	4
	372	ALMÀZA	330	14	30	02	2	5	Sc	18.4	21	41	7
		EZBEKÎYA	360	4	18	02	1	4	Cu	18.4	23	34	6
		GÎZA	360	4	18	02	1	4	Cu	18.4	22	36	6
	378	HELWÂN	340	13	15	03	1	3	Cu	18.8	21	35	4
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	17.9	23	32	5
	387	MINYA	360	16	10	00	0	0	—	17.6	23	32	5
	393	ASYÛT MANQABÂD	350	14	30	00	0	0	—	16.6	26	20	1
	399	NAGʻ HAMMÀDI	340	2	15	03	2	6	AC	13.6	27	27	6
	402	QENA	290	1	50	00	0	0	—	11.4	33	12	0
	405	LUXOR	320	7	30	02	1	1	CS	11.3	31	41	16
	414	ASWÂN	360	10	15	07	3	0	—	9.9	33	21	8
Oases	417	SÎWA	20	9	14	00	0	0	—	21.9	22	25	1
	420	BAHARÎYA	320	4	35	02	0	0	—	19.1	23	50	12
	423	FARAFRA	360	4	35	02	0	0	—	19.6	23	24	1
	432	DAKHLA	340	8	50	00	0	0	—	16.7	25	34	8
	435	KHARGA	360	13	3	02	2	5	AC	14.8	26	18	0
Red Sea	450	SUEZ	310	9	50	01	0	0	—	17.1	22	57	13
	459	TÔR	310	19	7	07	3	0	—	12.3	23	50	12
	462	HURGHÀDA	360	29	30	03	1	2	SC	13.1	24	41	10
	465	QUSEIR	360	13	15	06	2	7	AC	13.0	25	54	15
	641	PORT SÛDÂN	30	14	30	03	2	5	Cu, AC	8.3	31	66	24
North Sûdân	600	WÂDI HALFA	30	25	10	07	1	2	AC	7.2	37	10	0
	640	ABU HAMAD	50	3	30	03	0	3	AC		40	15	9
	660	KAREIMA	50	5	30	03	1	7	Cu, Ac	1.6	41	17	11
	680	ʻATBARA	00	0	30	03	1	5	Cu	0.5	41	17	11
	721	KHARTÛM	260	8	30	03	0	3	Cu, AC	0.8	41	19	13
	730	KASSALA	340	1	30	03	2	6	Cu, AC	999.2	41	17	11
Central Sûdân	751	WÂD MEDANI	130	2	35	02	1	4	Cu	999.6	40	20	13
	801	RENK	230	5	35	02	2	7	Cu		38	28	21
	802	ROSEIRES	230	2	35	02	1	5	Cu	999.6	40	24	16
	771	EL OBEID	330	9	7	06	1	7	Ac, Cs	0.7	39	12	5
	760	EL FÂSHER	30	9	4	05	2	8	Cs		35	18	7
	770	GENEINA	90	9	7	06	0	9			37	8	-3
S. Sûdân	840	MALAKÂL	270	13	30	01	6	6	Cu, Ac	1.8	37	29	16
	880	WAU	250	6	30	01	6	8	Cb, Ac	4.7	32	43	18
	941	JUBA	310	15	30	16	2	8	Cb, Cs	2.4	34	36	17

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	40	9	15	03	2	7	Cb	22.0	15	59	7	0
SÎDI BARÂNI	360	13	18	02	1	2	Cu	23.0	15	39	1	0
MATRÛH	340	15	12	01	0	1	Cu	22.8	15	45	3	0
EL DABʻA	320	7	7	03	2	6	Sc, Cu		15	59	7	0
ALEXANDRIA	360	24		02	2	4	Cu	21.9	15	59	7	0
FOUAD (Airport)	320	15	12	02	1	5	Sc	21.3	15	59	7	0
DAMIETTA	290	5	7	02	1	2	Cu	20.7	16	59	8	0
PORT SAʻÎD	320	17	14	02	1	4	Sc	19.5	16	68	10	0
EL ʻARISH												
DAMANHUR	40	9	15	02	1	1	Cu	21.0	17	60	9	0
MANSURA	340	5		00	0	0	—	21.4	15	88	13?	0
TANTA	360	2	35	02	1	0	—	20.2	13	67	7	0
ZAGAZIG	320	1	35	02	1	0	—	21.1	14	67	8	0
ISMAʻILIA												
FAROUK (Airport)	20	13	12	01	1	3	Sc	21.4	16	64	9	0
ALMÀZA	360	15	12	01	2	2	Sc	20.8	16	64	9	0
EZBEKÎYA	360	2	12	00	0	0	—	20.8	16	59	8	0
GÎZA	360	2	12	00	0	0	—	21.0	15	59	7	0
HELWÂN	360	16	7	01	0	0	—	21.5	16	49	5	0
FAIYÛM	360	2	35	02	0	0	—	21.2	17	42	4	0
MINYA	360	9	8	00	0	0	—	17.6	17	42	4	0
ASYÛT MANQABÂD	330	10	12	00	0	0	—	17.7	19	46	7	0
NAGʻ HAMMÀDI	290	2	7	03	1	5	Ac, Cs	14.4	22	74	17?	0
QENA	270	1	7	03	1	6	AC	12.7	26	37	10	0
LUXOR	00	0	12	02	1	1	CC	12.5	24	32	6	0
ASWÂN	360	6	15	00	0	0	—	10.8	30	21	5	0
SÎWA	60	8	10	00	0	0	—	21.6	20	35	4	0
BAHARÎYA	360	4	15	02	0	0	—	20.8	17	68	11	0
FARAFRA	350	3	15	02	0	0	—	19.9	17	42	4	0
DAKHLA	340	14	35	00	0	0	—	14.4	23	32	5	0
KHARGA	360	13	7	03	1	3	AC	15.4	22	21	-1	0
SUEZ	360	12	35	02	0	0	—	19.4	17	60	9	0
TÔR	340	19	1.5	07	0	0	—	12.8	21	47	9	0
HURGHÀDA	340	27	10	02	0	0	—	13.0	20	46	8	0
QUSEIR	360	13	15	01	1	0	—	13.3	25	47	13	0

At 0600 on Thursday 10th April, 1952

Station	Wind 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	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	40	9	15	01	0	5	Sc	23.9	+9.3	15	19	-6	14	+2	48	4	0	Rain	
SÎDI BARÂNI	10	13	18	02	1	4	Cu, Sc	24.0		14	19		13		48	3	0	115	
MATRÛH	340	14	12	02	1	5	Sc	23.7	+8.7	15	20		13		48	4	dr.	132	
EL DABʻA	340	12	15	03	2	7	Sc			15	19		13		48	4	0	214	
ALEXANDRIA	330	20	50	03	2	5	Cu	22.0	+7.4	15	20	-3	14	-1	48	4	0	166	181
FOUAD (Airport)	340	11	18	02	1	4	Cu	21.9	+5.9	15	20	-2	14	+1	52	5	0	Rain	137
DAMIETTA	320	5	7	02	1	3	Cu	21.4	+6.9	16	18	-4	11	-2	59	8	0	171	101
PORT SAʻÎD	310	13	12	01	1	5	Sc	20.1	+4.3	15	20	-1	14	-1	68	9	0	92	
EL ʻARISH																			
DAMANHÛR	310	9	7	02	1	2	Cu	21.4	+6.8	16	21	-5	10	-2	59	9	0	87	95
MANSÛRA	270	5	35	00	0	0	—	21.8	+6.9	16	22	-5	8	-4	49	5	0	62	49
TANTA	00	0	35	01	1	4	Cu	2[illegible]	+7.1	12	23	-4	7	-4	77	8	0	64	36
ZAGAZIG	320	1	35	02	0	0	—	21.8	+6.9	15	25	-2	8	-3	59	7	0	30	25
ISMAʻILIA																			
FAROUK (Airport)	20	3	14	00	0	0	—	22.1		14	22		10		67	8	0	83	
ALMÀZA	360	9	12	01	2	0	—	21.6	+5.6	14	23	-3	10	-3	55	5	0	71	
EZBEKÎYA	360	2	12	00	0	0	—	21.4	+6.5	16	24	-4	11	-2	49	5	0	61	23
GÎZA	360	2	12	00	0	0	—	21.0	+6.0	15	22	-6	9	-1	59	7	0	58	23
HELWÂN	360	5	7	02	0	1	St	22.0	+7.4	14	22	-6	12	-2	55	5	0	59	26
FAIYÛM	360	8	35	02	0	0	—	22.2	+7.3	15	24	-5	10	-2	48	4	0	23	8
MINYA	360	16	8	00	0	0	—	21.5	+5.3	14	24	-5	9	-1	52	4	0	5	
ASYÛT MANQABÂD	350	11	12	00	0	0	—	20.6	+6.4	14	26	-3	11	-2	59	6	0	3	
NAGʻ HAMMÀDI	340	2	7	01	1	2	Ci	17.1	+3.7	14	29	-2	12	0	82	11	0	0.1	
QENA	320	1	15	00	0	0	—	16.4	+3.2	21	34	0	14	-1	41	7	0	2	
LUXOR	340	9	30	01	2	1	Ci	14.8	+1.6	20	31		16		60	12?	0	dr	
ASWÂN	360	8	50	00	0	0	—	14.3	+1.5	21	35	+1	18	0	26	1	0	dr	
SÎWA	70	9	14	00	0	0	—	23.8	+8.0	14	24	-5	10	-1	55	5	0	26	8
BAHARÎYA	320	5	35	02	0	0	—	22.7	+7.2	14	24	-6	9	-3	67	8	0	1	7
FARAFRA	20	9	15	02	0	0	—	22.7		15	24		8		52	5	0	Rain	
DAKHLA	340	11	50	01	0	2	Ci	19.9	+5.6	14	26	-7	14	0	52	4	0	dr.	
KHARGA	360	13		00	0	0	—	18.3	+4.5	16	26	-7	14	-1	49	5	0	dr.	
SUEZ	360	4	35	00	0	0	—	19.9	+5.2	14	22	-5	9	-5	55	5?	0	44	15
TÔR	310	13	50	02	0	0	—	16.8	+4.1	19			17	+1	43	6?	0	1	13
HURGHADA	330	30	18	02	1	2	Ac, Cs	15.2	+1.2	18	24	0	14	-1	49	7	0	0	
QUSEIR	360	19	15	06	2	6	AC	14.8	+2.2	20	26	-1	19	0	64	13	0	dr.	4
PORT SÛDÂN																			95
WÂDI HALFA	350	16	15	05	0	0	—	12.4		22	38		19		27	2	0	dr.	
ABU HAMAD	20	7	30	03	1	3	AC			29	41		26		17	1	dr.		
KAREIMA	50	10	30	02	0	0	—	7.3		30	41		26		18	3	dr.	dr.	1
ʻATBARA	50	10	30	02	1	0	—	6.0		31	43		22		26	9	dr.	dr.	2
KHARTUM	20	13	30	03	0	7	Ac, Ci	5.2		32	42		27		34	14	0	0.6	4
KASSALA																			9
WÂD MEDANI																			12
RENK	130	9	35	02	6	8	Cb			30	40		29		57	21	0		51
ROSEIRES																			43
EL OBEID																			17
EL FÂSHER																			6
GENEINA			8	06	2					26					17	-1	0		5
MALAKÂL	230	3	30	01	6	7	AC	6.7		26	39		24		79	22	35	130	102
WAU	130	6	50	03	2	8	Ac	7.9		25	33		24		84	22	0.3	228	192
JUBA	360	2	50	01	2	8	Ac, Cs	9.0		26	36		24		79	22	0	248	219

HUMIDITY — Mean of day

Station	on 9th	Diff. from normal
Alexandria	54	-12 ✓
Ezbakiya	52	-3 ✓
Giza	55	-2 ✓
Helwân	50	+8 ✓

GIZA
GRASS MINIMUM TEMP.
ON 10th 7.0 °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					

UPPER WIND OBSERVATIONS on 9th

Station	S. Barani		Matruh		Port Said		Almaza		Minya		Asyut		Luxor		Siwa		Kharga		El Arish				Minya			
Time	14		14		14		14		14		14	30	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	15	340	19	310	13	20	10	350	15	350	23	330	14	10	11	360	25	310	10			360	24		
600	290	8	330	22	310	19	10	8	350	10	360	28	320	17	350	11	360	27	310	10			10	31		
1000	290	10	330	20	320	9	10	17	350	15	360	31	340	10	350	16	360	27	310	14			10	27		
1500			320	13	300	12	70	10	360	14	350	29	340	11	10	18			300	14						
2000			300	18					10	18			270	17	10	19										
3000													260	15	320	21										
4000															290	23										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		8		8				8		8		8		9		8				8	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	20	19	350	16	340	21	310	17			10	24	10	16	350	19	350	6	360	17			20	18
600	10	20	350	16	350	33	320	10			360	28	360	21	360	19	330	11	360	17			10	5
1000	10	19	350	17	340	13	310	15			360	32	360	24	360	23	350	12	350	18			30	7
1500	10	14	350	18	350	21					20	4	20	19	360	30	330	10	350	2			360	14
2000	20	20			330	22					30	19			310	16	330	12					20	23
3000											330	15												
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				3						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	40	9	20	11			360	18																
600	50	7	20	11			360	25					40	16			50	13						
1000	60	8	30	28			360	30					70	21			60	12	10	23				
1500	10	16					30	17					80	24			100	10	20	19				
2000	360	12															100	10						
3000	120	15											70	23					140	7				
4000	330	21																						
5000	330	20											360	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.

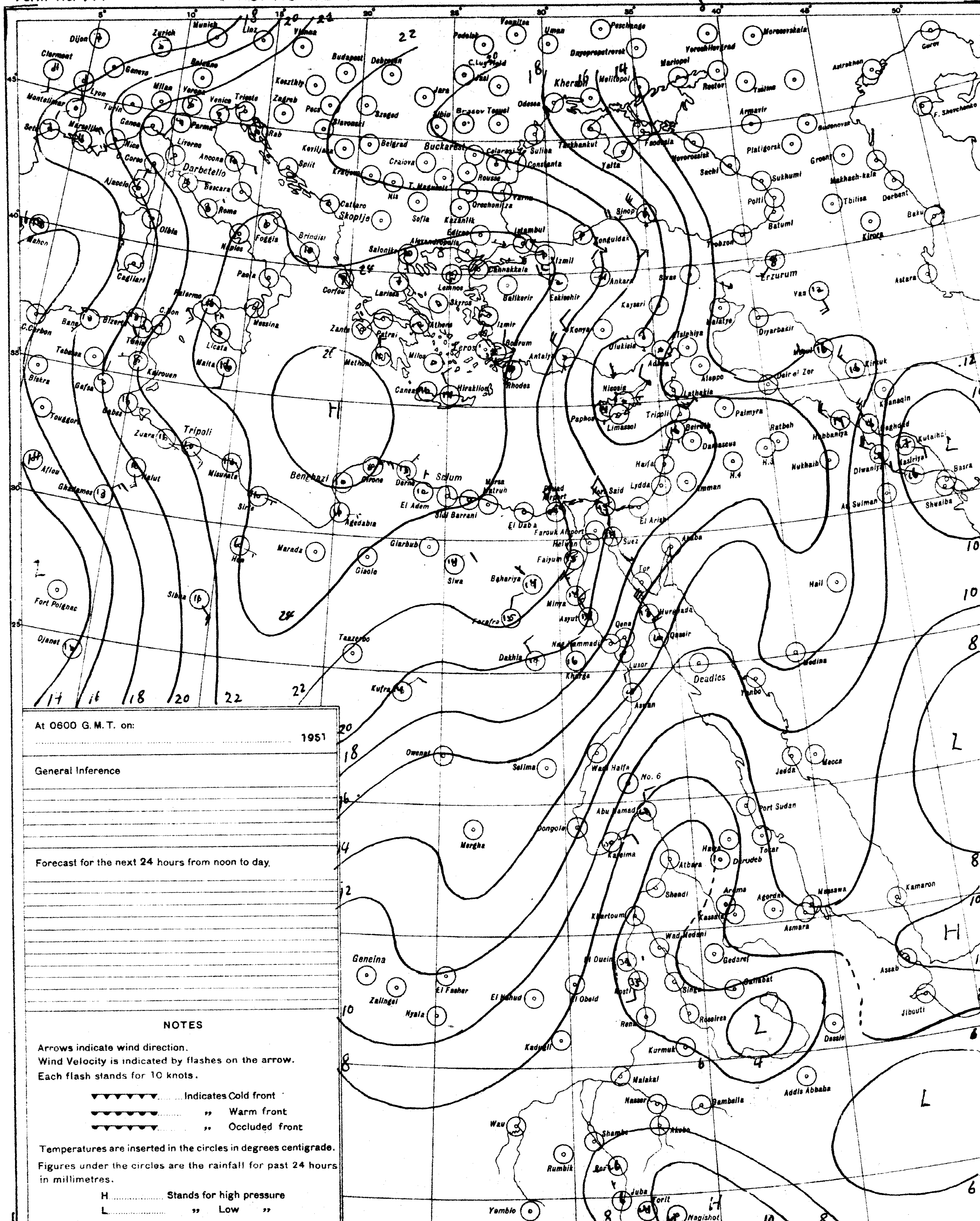
Note: All times are G.M.T.

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 1/4/1951



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 33 G.M.T.

" " Sunset 16 20 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 11th April, 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	50	5	35	02	0	3	Sc	23.3	17	42	4
	303	SÎDI BARÂNI	10	12	30	02	1	3	Cu,Sc	24.3	17	42	4
	306	MATRÛH											
	309	EL DABʿA	320	10	35	03	2	8	St		17	52	7
		ALEXANDRIA	330	19	50	02	2	5	Cu	21.8	16	49	5
	318	FOUAD (Airport)											
	330	DAMIETTA	320	5	35	03	1	4	Cu	21.2	17	60	9
	333	PORT SAʿÎD	340	11	18	02	0	3	Sc	20.2	17	56	8
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	80	13	15	02	1	1	Cu	21.4	18	52	8
	342	MANSURA	320	13	35	02	1	3	Cu	20.8	20	41	6
	348	TANTA	360	13	35	01	1	4	Cu	20.8	20	56	11
	354	ZAGAZIG	00	0	50	03	1	3	Cu	21.0	21	41	7
	441	ISMAÎLÎA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	360	13	18	01	2	2	Sc	19.5	20	41	6
		EZBEKÎYA			18	02	1	1	Cu	19.2	22	33	5
		GÎZA			18	02	1	1	Cu	19.8	21	33	4
	378	HELWÂN	320	9	15	02	0	0	—	19.9	20	33	3
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	20.4	22	21	-1
	387	MINYA	340	16	10	00	0	0	—	18.3	22	21	-1
	393	ASYÛT MANQABÂD	340	16	30	00	0	0	—	17.6	23	12	-8
	399	NAGʿ HAMMÂDÎ	290	2	15	01	0	2	Ac	13.9	28	27	7
	402	QENA	270	1	50	00	0	0	—	12.0	33	11	-1
	405	LUXOR											
	414	ASWÂN	360	4	50	00	0	0	—	12.2	29	19	3
Oases	417	SÎWA	20	10	14	00	0	0	—	23.0	21	20	-3
	420	BAHARÎYA	360	2	35	02	0	0	—	20.2	22	57	13
	423	FARAFRA	50	10	35	02	0	0	—	21.1	22	29	3
	432	DAKHLA	20	14	50	00	0	0	—	17.9	23	44	10
	435	KHARGA											
Red Sea	450	SUEZ	360	10	50	02	0	0	—	18.0	20	41	6
	459	TÛR	310	19	7	07	3	0	—		21	50	10
	462	HURGHADA	360	19	18	02	0	0	—	15.1	22	53	12
	465	QUSEIR	360	19	15	06	1	4		14.8	23	50	12
	641	PORT SUDÂN											
North Sudan	610	WÂDÎ HALFA											
	640	ABU HAMAD											
	660	KAREIMA	10	12	50	03	0	1	Cu	5.3	40	10	3
	680	ʿATBARA	340	9	30	03	1	5	Cu, Ac	1.9	40	12	6
	721	KHARTÛM	340	4	30	08	2	6	Cu, Ci	1.4	41	17	11
	730	KASSALA	20	6	30	03	2	6	Cu, Ac	999.7	41	16	11
Central Sudan	751	WÂD MEDANI											
	801	RENK	230	9	35	02	2	7	Cu		39	34	20
	802	ROSEIRES											
	771	EL OBEID	80	5	7	06	0	7	Cu, Cs	1.0	39	13	6
	760	EL FÂSHER											
	770	GENEINA	10	1	4	06	0	9			35	10	-1
S. Sudan	840	MALAKÂL	130	4	30	43	4	7	Cu, Ci	2.0	37	33	18
	880	WÂU	130	3	30	03	2	6	Cu, Ac	3.3	34	47	21
	941	JUBA	50	2	50	02	2	6	Cs	2.7	35	37	18

At 1800 on Thursday 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.
SALÛM	30	9	15	00	0	0	—	23.1	15	48	4	0
SÎDI BARÂNI	360	9	18	01	1	1	Sc	23.6	14	46	3	0
MATRÛH	360	16				6	Ac	23.1	14	52	4	0
EL DABʿA	360	9	7	02	1	4	Cu		14	55	5	0
ALEXANDRIA	330	22	35	02	2	5	Cu	21.9	14	55	5	0
FOUAD (Airport)	350	10	12	02	1	5	Sc	21.5	14	59	6	0
DAMIETTA	320	5		02	1	3	Cu	21.1	15	68	9	0
PORT SAʿÎD	340	14	14	02	1	3	Sc	20.1	16	56	7	0
EL ʿARISH												
DAMANHUR	80	13	15	02	0	0	—	21.4	13	67	7	0
MANSURA	340	9		00	1	0	—	20.7	16	59	8	0
TANTA	360	2	35	02	0	0	—	20.3	13	67	7	0
ZAGAZIG	320	1	35	02	1	0	—	21.0	18	52	8	0
FAROUK (Airport)	20	13	13	00	0	0	—	20.1	15	63	8	0
ALMÂZA	360	15	12	00	0	0	—	20.0	16	59	8	0
EZBEKÎYA	360		12	00	0	0	—	20.3	16	52	6	0
GÎZA	360		12	00	0	0	—	20.3	14	55	5	0
HELWÂN	340	13	15	02	0	0	—	20.7	15	59	7	0
FAIYÛM	360	2	35	02	0	0	—	20.7	17	42	4	0
MINYA	350	8	8	00	0	0	—	18.6	16	42	3	0
ASYÛT MANQABÂD	310	6	10	00	0	0	—	17.7	16	42	3	0
NAGʿ HAMMÂDÎ	290	2	7	01	0	2	Ac	15.1	20	41	6	0
QENA	320	1	7	03	1	4	Cu	12.4	25	17	-2	0
LUXOR	360	6	15	00	0	0	—	12.3	26	18	0	0
ASWÂN												
SÎWA	60	6	10	03	0	3	Ci	22.0	18	34	2	0
BAHARÎYA	40	4	15	02	0	0	—	21.6	15	68	9	0
FARAFRA	20	3	15	02	0	0	—	20.0	17	42	4	0
DAKHLA	340	14	35	00	0	0	—	17.5	21	57	12	0
KHARGA	360	13	7	00	0	0	—	17.1	21	20	-3	0
SUEZ	360	10	35	02	0	0	—	19.5	16	59	8	0
TÛR	310	19	3	07	1	0	—	14.4	20	46	8	
HURGHADA	340	30	12	02	0	0	—		20	41	6	0
QUSEIR	360	19	15	01	1	3	Ac	13.5	23	50	12	0
PORT SUDÂN												
WÂDÎ HALFA												
ABU HAMAD												
KAREIMA												
ʿATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Friday 11th April, 1952

Station	Wind 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	290	5	15	00	0	0	—	21.5	+7.0	15	21?	-4	9	-3	68	9	0	Rain	
SÎDI BARÂNI	10	4	18	02	1	2	Cb	22.4		16	18		12		56	7	0	115	
MATRÛH	360	11	30	01	1	4	Sc, Cu	22.5	+7.5	16	18		14		49	5	0	132	
EL DABʿA	360	4	15	02	1	4	Cu			17	18		13		52	7	0	214	
ALEXANDRIA	360	14	50	03	2	6	Ns	21.2	+6.6	15	19	-4	13	-2	48	4	0	166	182
FOUAD (Airport)	10	10	18	02	2	7	Sc	20.9	+4.9	16	19	-3	11	-2	52	6	0	Rain	137
DAMIETTA	320	2	7	02	1	3	Cu	20.7	+6.2	16	18	-4	13	0	68	10	0	171	102
PORT SAʿÎD	20	10	18	02	1	3	Sc	19.3	+3.5	18	18	-3	14	-1	52	8	0	92	
EL ʿARISH	20	4	30	03	2	6	Cu, Sc	19.0	+4.9	18			11			6	0	101	
DAMANHUR	40	9	7	02	0	0	—	21.0	+6.5	17	19	-7	10	-2	60	9	0	87	95
MANSURA	270	5	35	02	1	3	Cu	21.0	+6.1	15	21	-6	7?	-5	55	6	0	62	49
TANTA	360	2	35	02	0	0	—	19.8	+5.0	15	21	-7	7	-4	68	9	0	64	36
ZAGAZIG	00	0	35	02	0	0	—	19.9	+5.1	13	25	-3	7	-4	77	9	0	30	25
ISMAÎLÎA																			
FAROUK (Airport)	20	10	12	01	1	1	Ci	21.1?		13	22		9		77	9	0	83	
ALMÂZA	20	11	12	01	2	3	Sc, Ci	20.5	+4.5	14	21	-5	8	-5	59	6	0	71	
EZBEKÎYA			12	00	0	0	—	20.3	+5.5	13	23	-5	10	-3	63	6	0	61	23
GÎZA			12	00	0	0	—	20.8	+5.8	15	22	-6	8	-2	59	7	0	58	23
HELWÂN	360	11	7	02	0	1	Ci	20.8	+6.3	14	21	-7	11	-3	55	5	0	59	26
FAIYÛM	360	8	35	02	0	0	—	20.3	+5.5	15	23	-6	8	-4	59	7	0	23	8
MINYA	360	15	6	01	0	3	Ci	18.9	+2.7	13	23	-6	8	-3	63	6	0	5	
ASYÛT MANQABÂD	350	10	12	00	0	1	Cs	19.2	+5.1	13	24	-5	8	-5	63	6	0	3	
NAGʿ HAMMÂDÎ	340	2	15	01	1	4	As, Cs	16.3	+3.0	16	28	-3	11	-1	59	8	0	0.1	
QENA	320	1	15	03	1	5	Cc	15.8	+2.7	17	34	-1	11	-4	42	4	0	2	
LUXOR	00	0	30	02	1	3	Ac	15.0	+1.9	18			12		52	8	0	dr.	
ASWÂN	340	8	35	01	1	3	Ci	14.3	+1.6	19	31	-4	17	-2	37	4	0	dr.	
SÎWA	80	6	14	01	2	3	Ac, Ci	23.0	+7.2	12	22	-7	10	-1	59	4	0	26	8
BAHARÎYA	360	2	35	02	1	2	Cs	21.5	+6.1	15	22	-8	8	-4	68	9	0	1	7
FARAFRA	40	6	15	02	2	3	Ci	21.6		13	23		6		67	7	0	Rain	
DAKHLA	340	11	50	03	1	4	Ci	18.3	+4.1	15	25	-8	11	-3	59	7	0	dr.	
KHARGA	360	6		03	1	4	Ac	17.2	+3.4	15	25	-8	12	-3	48	4	0	dr.	
SUEZ	360	6	50	00	0	1	Cu	19.6	+5.0	14	21	-7	8	-7	67	8	0	44	15
TÛR	360	5	50	01	1	3	Ac	16.4	+3.8	19			16	0	37	4	0	1	13
HURGHADA	340	24	15	02	0	0	—	14.3	+1.0	17	22	-2	17	+2	52	7	0	0	
QUSEIR	360	19	15	00	0	3	Ci	14.6	+2.1	20	24	-3	17	-2	46	8	0	dr.	4
PORT SUDÂN																			95
WÂDÎ HALFA																			
ABU HAMAD																			
KAREIMA																			1
ʿATBARA	10	11	30	03	2	8	Cs	7.7		29	41		24		25	7	0	dr.	2
KHARTÛM	10	8	30	01	1	6	Ci	6.8		32	42		27		36	15	0	0.6	4
KASSALA	80	2	30	01	1	1	Ci	5.6		31	41		24		43	17	0	49	10
WÂD MEDANI																			12
RENK	130	5	35	02	6	7	Sc			29	40		27		66	22	1		51
ROSEIRES																			43
EL OBEID																			17
EL FÂSHER	20	4	4	05	0	4	Ci			25	38		22		26	4	0	13	6
GENEINA	40	9	10	05	2	8	Cs			25	37		23		17	-2	0		5
MALAKÂL	230	1	30	03	2	8	Ac	5.8		27	35		25		70	21	dr	228	103 194
WÂU	00	0	50	03	2	7	Cb, Ac	5.7		28	37		24		62	20	0	248	223
JUBA																			

UPPER AIR OBSERVATIONS

Station	On 10th	Diff. from normal
Alexandria	52	-14
Ezbekîya	48	-7
Gîza	56	-1
Helwân	48	+6

HUMIDITY % Mean of Day

GÎZA GRASS MINIMUM TEMP. ON 11th 6.6 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

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 10th

Height m.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	EL Arish Dir.	EL Arish Vel.	Matruh Dir.	Matruh Vel.	Siwa Dir.	Siwa Vel.	S. Barani Dir.	S. Barani Vel.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		15		14		14		14		14		20	
300	350	8	360	20	360	35	310	13	350	11	40	11	20	15	330	11	350	13
600	10	6	350	20	360	27	320	20	350	11	40	9	20	16	340	17	360	13
1000	10	12	360	24	360	13	320	18	360	13	20	9	20	21	340	17	360	14
1500	330	12	360	20	360	26	320	20			360	10	10	23	330	28	360	14
2000	310	17					340	14			340	10			320	21		
3000	300	15									320	15						
4000	300	32																
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 11th

Height m.	Sîdi Barani Dir.	Sîdi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El ʿArish Dir.	El ʿArish 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.	Almaza Dir.	Almaza Vel.
Time	8		4		2		2						2		8								4	
300	10	14	360	11	10	9	30	7					350	9	340	13							10	17
600	20	12	360	10	360	16	360	7					340	13	340	16							20	16
1000	30	10	10	12	360	17	10	9					360	15	10	21							30	17
1500	30	12	360	14			350	9					360	15	360	14							30	22
2000	340	17	340	14											330	10							40	18
3000															320	16								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdî Halfa Dir.	Wâdî 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										4	
300	70	22	40	17			360	26	10	18														
600	60	28	60	20			360	34	20	21	20	25	50	25									260	12
1000	70	16	50	19			20	31	40	22	50	19	60	23										
1500	50	16	50	16					50	13	70	12	50	31									360	13
2000	40	12	30	20							10	7												
3000	20	13							30	12	350	14											40	8
4000									280	7														
5000									320	16	300	4												
6000																								
7000																								
8000																								

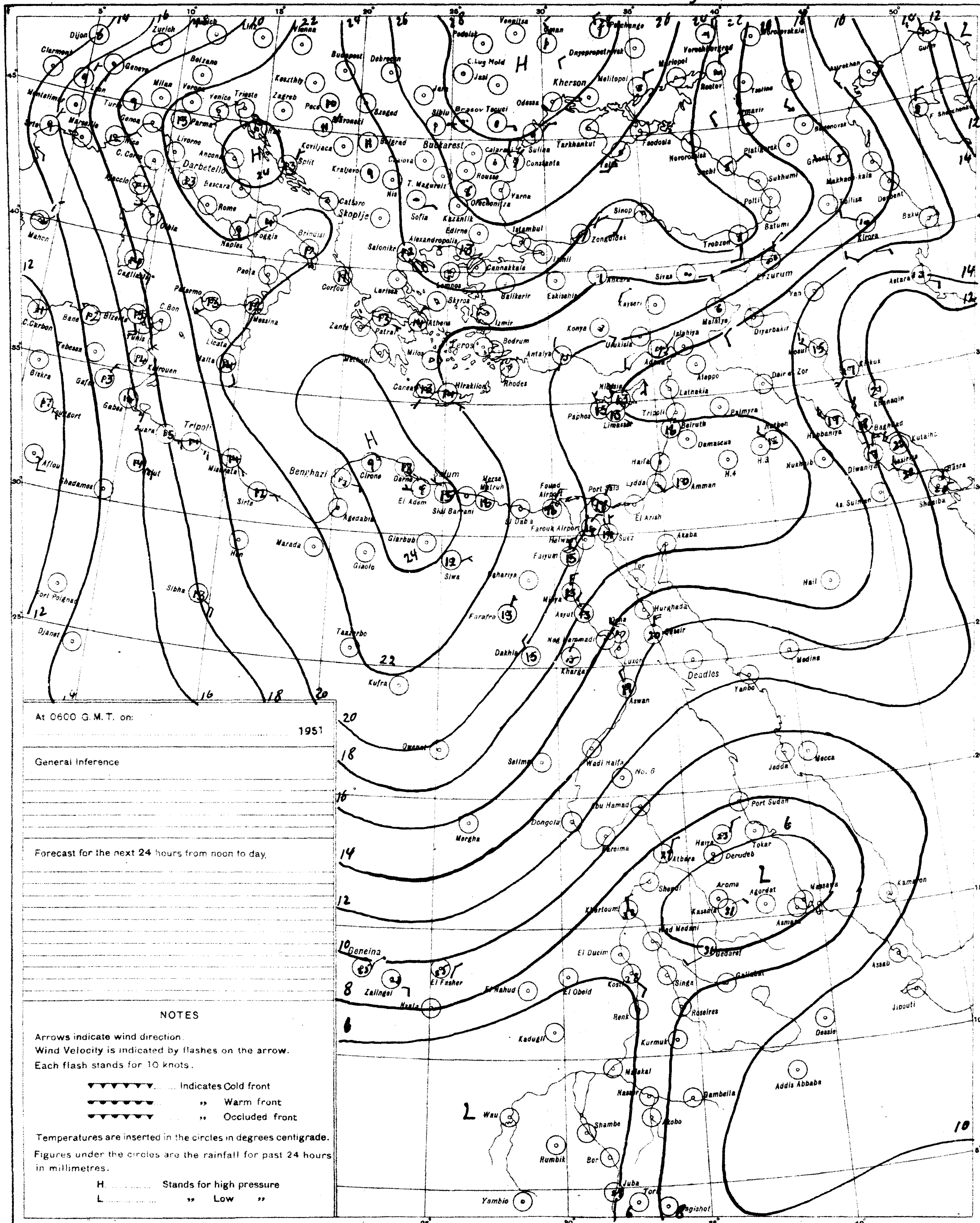
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Friday 11-4-1952



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)

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 32 G. M. T.
" " Sunset 16 20 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Saturday 12th April, 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	SALÛM	40	5	35	03	0	4	Cu	20.1	18	60	11
	303	SÎDI BARÂNI	350	5	30	02	1	3	Cu, Ci	21.9	18	52	8
	306	MATRÛH	320	11	30	03	1	5	Cu, Ci	22.0	18	52	8
	309	EL DAB'A	360	4	35	02	1	4	Cu		19	52	9
		ALEXANDRIA	300	19	50	01	2	3	Ci	20.0	17	52	7
	318	FOUAD (Airport)	350	14	18	02	0	2	Cu, Sc	20.4	18	49	7
	330	DAMIETTA	320	5	35	01	1	1	Cu	19.9	17	60	9
	333	PORT SA'ÎD	20	11	30	02	0	2	Sc	19.5	19	37	4
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	9	15	02	1	1	Cu	19.8	20	46	8
	342	MANSÛRA	360	9	35	00	1	0	—	19.6	20	41	6
	348	TANTA	310	5	35	01	1	3	Cu	19.1	21	57	12
	354	ZAGAZIG	00	0	50	02	0	0	—	19.1	23	61	15
	441	ISMÂILIA											
Cairo Area	366	FAROUK (Airport)	10	12	30	02	0	2	Ci	17.6	21	53	11
	372	ALMÂZA	360	12	30	01	1	2	As, Ci	17.9	21	41	7
		EZBEKÎYA	360	4	18	02	1	1	Sc	17.8	22	36	6
		GÎZA	360	4	18	02	1	1	Sc	17.2	22	29	3
	378	HELWÂN	360	13	35	02	0	1	Ci	17.6	21	41	7
Upper Egypt	381	FAIYÛM	360	6	35	02	1	3	Ci	17.8	23	24	1
	387	MINYA	360	13	12	01	1	1	Ci	16.3	23	24	1
	393	ASYÛT	350	15	30	01	1	1	Ci	15.4	25	11	-8
	399	NAG' HAMMÂDI	180	2	35	00	1	3		13.0	27	27	6
	402	QENA	340	1	50	02	1	5	Cc	13.0	31	17	3
	405	LUXOR	340	6	30	02	2	3	Cs	11.9	28	49	16
	414	ASWÂN	360	10	15	03	2	4	Cc	12.6	29	14	-1
Oases	417	SIWA	360	6	14	01	0	0	—	21.1	22	25	1
	420	BAHARÎYA	360	2	35	02	0	0	—	19.5	22	36	6
	423	FARAFRA	360	4	35	02	2	0	—	19.1	23	32	5
	432	DAKHLA	340	11	50	00	0	0	—	16.2	24	15	-5
	435	KHARGA	360	9	7	01	1	2	Ac	14.4	26	18	0
Red Sea	450	SUEZ	360	7	50	02	0	1	Ac, Ci	16.7	21	33	4
	459	TÔR	310	15	35	02	0	0	—	14.0	21	57	12
		HURGHADA	360	18	30	02	0	0	—	13.1	21	50	10
		QUSEIR	360	13	15	03	1	4	As	13.6	23	50	12
		PORT SUDÂN	20	16	30	02	2	4	Cc	8.7	29	62	21
		WÂDI HALFA	360	15	30	02	0	1	Cs	9.8	32		
		ABU HAMAD	360	4	30	02	2	8	Cs		39	3	-15
		KAREIMA	20	8	30	02	1	7	Cs	4.2	39	10	2
		ATBARA	10	14		07	2	6	Cs	2.1	40	6	-4
		KHARTUM			30	03	1		Ci	2.3	39	14	1
		KASSALA	300	5	30	01	1	2	Cu, Ci	999.2	40	16	10
		WÂD MEDANI											
		RENK											
		ROSEIRES											
		EL OBEID	40	10	10	02	0	0		0.9			15
		EL FASHER											
		GENEINA	40	4	6	05	2	8	Cs		35	7	-7
		MALAKAL	180	19	50	15	9	7	Cb, AC	4.3	29	62	21
		WAU	230	12	30	21?	8?	8	Cb, AC	6.5	25	84	22
		JUBA	180	9	50	03?	2?	8	Cb, AC	0.2	27	55	17

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
SALÛM	360	5	15	03	1	7	Cu	20.8	16	68	10	0
SÎDI BARÂNI	350	9	18	01	2	2	Sc	21.1	16	59	8	0
MATRÛH	350	9	12	01	2	7	Cu, Cs	21.5	16	64	9	0
EL DAB'A	360	7	7	03	2	6	Sc		16	59	8	0
ALEXANDRIA	360	16	35	03	2	6	Cs	20.3	15	59	7	0
FOUAD (Airport)	350	12	12	01	1	2	Sc	20.0	15	63	8	0
DAMIETTA	320	5		02	1	2	Cu	19.8	15	68	9	0
PORT SA'ÎD	10	12	14	02	0	1	Sc	18.5	16	59	8	0
EL 'ARISH												
DAMANHÛR	40	9	15	02	0	0	—	19.8	16	59	8	0
MANSÛRA	340	15		00	1	0	—	19.3	17	52	7	0
TANTA	360	2	35	03	2	5	Cu	19.5	14	67	8	0
ZAGAZIG	00	0	35	02	0	0	—	19.6	15	59	7	0
ISMÂILIA												
FAROUK (Airport)	20	17	13	02	2	2	Ci	19.0	16	52	6	0
ALMÂZA	20	12	15	00	1	0	—	18.5	17	56	8	0
EZBEKÎYA	360	2	12	02	1	1	Sc	18.4	16	52	6	0
GÎZA	360	2	12	02	1	1	Sc	18.6	16	49	5	0
HELWÂN	360	14	7	02	0	0	—	17.7	17	42	4	0
FAIYÛM	360	2	35	02	0	0	—	17.4	18	46	6	0
MINYA	350	8	8	00	0	0	—	15.9	16	45	4	0
ASYÛT	310	8	10	00	0	0	—	15.7	18	34	2	0
NAG' HAMMÂDI	290	2	15	00	0	0	—	13.1	22	29	3	0
QENA	290	1	7	01	1	3	Ci	12.2	24	15	-5	0
LUXOR												
ASWÂN	360	5	15	00	0	0	—	10.7	25	17	-2	0
SIWA	00	0	10	00	0	0	—	20.4	19	37	4	0
BAHARÎYA	360	2	15	02	0	0	—	18.8	18	60	10	0
FARAFRA	360	3	15	02	0	0	—	18.4	17	42	4	0
DAKHLA	340	11	35	00	0	0	—	17.2	20	17	-6	0
KHARGA	360	9	7	00	0	0	—	15.5	21	20	-3	0
SUEZ	360	12	35	01	0	0	—	18.0	16	49	5	0
TÔR	310	13	7	02	0	0	—	13.1	21	41	7	0
HURGHADA	340	22	30	02	0	0	—	12.8	21	50	10	0
QUSEIR	330	13	15	01	1	0	—	11.3	21	57	12	0
PORT SUDÂN	340	8	30	01	1	1	Ci	9.2	26	79	22	0
WÂDI HALFA	330	15	30	01	0	0	—	9.9	27	7	-12	0
ABU HAMAD	360	7	30	01	1	3	Ci		33	12	0	0
KAREIMA	340	15	30	03	0	0	—	2.0	33	9	-4	0
ATBARA	360	8	30	01	2	6	Cs	3.9	32	18	5	0
KHARTUM	20	10	30	02	1	4	Ci	3.2	34	12	1	0
KASSALA	20	6	30	03	0	5	Cs	2.0	33	23	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	7	30	01	5	3	Ac	2.1	35	15	5	dr.
EL FASHER	70	4	30	02	2	8	Cs		31	21	6	0
GENEINA	20	1	10	05	2	8	Cs		31	11	-3	0
MALAKAL	250	2	30	02	6	8	Ac	5.3	26	70	20	dr.
WAU		4	30	61	6	8	Sc, As	6.8	25	84	22	0.2
JUBA	270	9	15	91	9	7	Cb, Ac	6.6	24	94	23	9

At 0600 on Saturday 12th April, 1952

Station	Wind 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	Rainfall Past 24 hrs.	Rainfall Total	Rainfall Normal
SALÛM	340	6	15	02	0	4	Cu	20.6	+6.2	16	20	-5	11	-1	68	10	0	Rain	
SÎDI BARÂNI	10	10	18	02	2	6	Cb, Ci	21.2		17	19		14		56	8	0	115	
MATRÛH	340	12	18	03	1	5	Cu, Ci	21.1	+6.2	17	19		14		56	8	0	132	
EL DAB'A	340	11	15	02	1	4	Cu			17	19		14		68	11	0	214	
ALEXANDRIA	360	27	50	01	2	3	Cu	19.1	+4.5	16	19	-4	14	-1	59	8	0	166	182
FOUAD (Airport)	330	15	18	01	2	5	Cu			17	18	-4	15	+2	64	10	0	Rain	137
DAMIETTA	320	5	7	03	1	6	Cu	18.3	+3.9	17	18	-4	14	+1	60	9	0	171	102
PORT SA'ÎD	350	9	12	01	1	5	Sc	17.0	+1.2	17	20	-1	16	0	60	9	0	92	
EL 'ARISH																			
DAMANHÛR	40	9	15	02	1	3	Cu	18.0	+3.5	14	21	-5	10	-2	77	10	0	87	95
MANSÛRA	200	5	35	02	2	4	Cu	19.1	+4.3	14	20	-7	13	+1	67	8	0	62	49
TANTA	00	0	35	03	2	5	Cu	18.2	+3.4	14	22	-6	8	-3	77	10	0	64	37
ZAGAZIG	00	0	35	03	1	4	Cu	18.3	+3.5	15	25	-3	7	-4	68	9	0	30	25
ISMÂILIA																			
FAROUK (Airport)	360	3	12	02	1	3	Sc	18.6		15	22		10		68	9	0	83	
ALMÂZA	340	6	12	03	0	4	Sc	18.5	+2.6	14	22	-5	10	-3	77	10	0	71	
EZBEKÎYA	00	0	12	02	1	4	AC	18.3	+3.5	14	24	-4	10	-3	67	8	0	61	23
GÎZA	00	0	12	02	1	4	AC	18.0	+3.1	15	23	-5	7	-3	68	9	0	58	23
HELWÂN	360	8	7	02	0	1	Ac	18.7	+4.3	15	22	-6	12	-2	68	9	0	59	26
FAIYÛM	360	4	35	02	0	0	—	19.1	+4.3	15	24	-5	8	-5	68	9	0	23	8
MINYA	360	12	8	00	0	0	—	17.4	+1.3	14	24	-5	10	-1	55	5	0	5	
ASYÛT	330	10	14	00	0	0	—	16.8	+2.8	14	26	-4	9	-4	55	5	0	3	
NAG' HAMMÂDI	270	1	15	00	0	0	—	16.0	+2.8	16	29	-2	11	-2	59	8	0	0.1	
QENA	290	1	35	00	0	0	—	14.3	+1.3	18	33	-2	12	-4	28	-1	0	2	
LUXOR	230	2	30	00	0	0	—	13.9	+0.9	20			11		53	10	0	dr.	
ASWÂN	20	4	50	00	0	0	—	13.6	+1.0	20	30	-5	14	-5	33	3	0	dr.	
SIWA	00	0	14	00	0	0	—	22.2	+6.5	14	24	-5	9	-3	72	9	0	26	8
BAHARÎYA	360	2	35	02	0	0	—	20.3	+5.0	15	23	-7	9	-3			0	1	7
FARAFRA	20	3	15	02	0	0	—	20.6		13	24		7		77	9	0	Rain	
DAKHLA	340	11	50	00	0	0	—	17.5	+3.4	16	26	-7	12	-2	42	3	0	dr.	
KHARGA	360	4	7	00	0	0	—	17.2	+3.5	15	26	-7	13	-2	59	7	0	dr.	
SUEZ	360	3	35	00	0	4	Cu	17.2	+2.7	14	22	-6	9	-6	67	8	0	44	15
TÔR	310	9	50	02	0	0	—	14.2	+1.6	19			15	-1	46	7	0	1	13
HURGHADA	340	22	14	02	0	0	—	12.8	-1.0	18	22	-2	12	-3	34	2	0	0	
QUSEIR	360	19	15	02	0	0	—	11.6	-0.9	20	24	-3	16	-3	46	8	0	dr.	4
PORT SUDÂN											31								95
WÂDI HALFA											35								
ABU HAMAD											40								
KAREIMA											41								1
ATBARA											41								2
KHARTUM											41								4
KASSALA											41								10
WÂD MEDANI																			13
RENK																			51
ROSEIRES																			44
EL OBEID											40								17
EL FASHER											37								6
GENEINA											37								5
MALAKAL											37								104
WAU											34								196
JUBA											38								227

	11th	
	54	-13
	54	-1
	49	-8
	52	+10

Grass minimum temp. on 12th 6.0

Remarks

UPPER AIR OBSERVATIONS

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.
1000						1000					
950						950					
900						900					
850						850					
800						800					
700						700					
600						600					
500						500					
400						400					
300						300					

Remarks

UPPER WIND OBSERVATIONS on 11th

Station	Matruh		Minya		Asyut		Siwa		Kharga		Port Said		S. Barrani		Minya		Port 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.
300	330	9	350	8	330	27	50	5	10	23	350	9	340	9	360	24	350	13
600	340	11	360	11	330	13	50	7	10	30	350	9	340	11	10	31	350	14
1000	360	16	360	15	340	16	60	5	10	30	350	10	340	13	10	19	350	9
1500	360	14	350	2	360	15	40	10			320	12	330	9	340	11	340	10
2000					340	25	10	13			310	16	340	14			310	16
3000							340	11					320	26				
4000							300	15										
5000							320	25										
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 12th

Station	Sîdi Barâni		Matrûh													
Time	8		4		2		2		8		15 2		8		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	23	340	10	320	17	320	23	340	6	10	20	360	27	360	8
600	20	21	340	10	330	20	330	19	340	8	10	30	360	35	340	12
1000	20	17			340	19	330	12	340	16	20	31	360	21	330	17
1500	360	12					300	17			10	13	360	35	310	16
2000	350	17											350	33		
3000	360	16														
4000																
5000																
6000																
7000																
8000																

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartum		Malakal	
Time							8											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							360	20										
600							360	23										
1000							360	22										
1500							10	9										
2000							10	13										
3000																		
4000																		
5000																		
6000																		
7000																		
8000																		

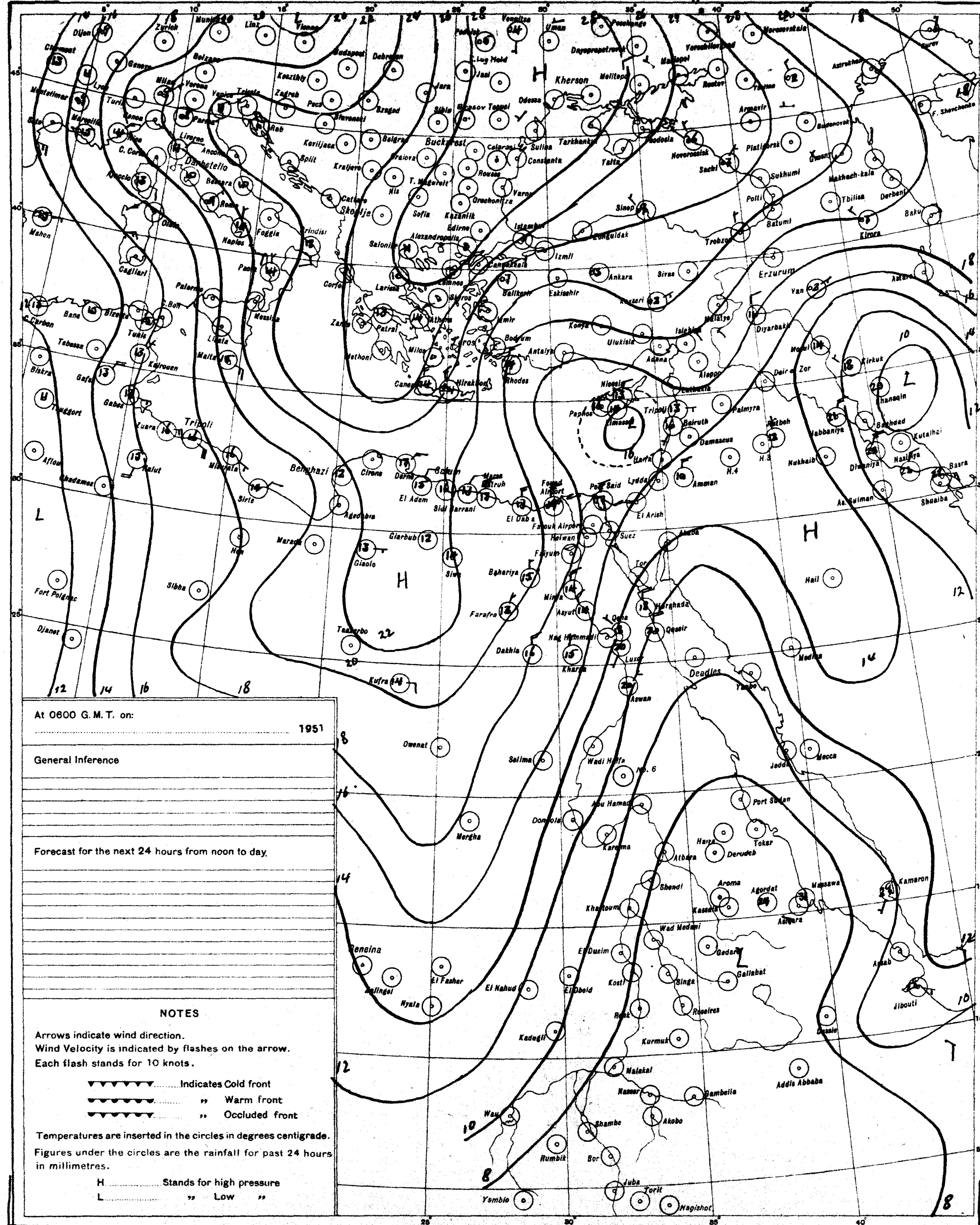
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (48/557) (50/531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 12/4/1952



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 31 G. M. T.

" " Sunset 16 21 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date : Sunday 13th April, 1952

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	SALŪM	30	5	35	02	0	2	SC	21.5	19	52	9
	303	SĪDI BARĀNI	30	8	30	02	1	0	—	21.4	18	52	8
	306	MATRŪH											
	309	EL DABʿA	340	8	35	01	1	2	Cu		20	46	8
		ALEXANDRIA	360	20	50	01	2	3	Cu	19.0	19	52	9
	318	FOUAD (Airport)	340	16	18	01	1	3	Cu	18.7	20	53	10
	330	DAMIETTA	320	9	35	01	1	1	Cu	18.6	18	60	10
	333	PORT SAʿĪD	360	15	30	02	0	1	Cu	16.7	18	56	9
	336	EL ʿARISH	330	8	30	02	1	5	Cu, Sc	16.1	18	52	8
Lower Egypt	339	DAMANHUR	40	9	15	02	1	2	Cu	17.9	21	41	7
	342	MANṢURA	40	5	35	02	0	3	Cu	16.8	22	44	9
	346	TANTA	360	8	35	01	1	3	Cu	17.6	21	33	4
	354	ZAGAZIG	320	1	50	01	1	2	Cu	17.2	23	44	10
	441	ISMAʿILIA											
Cairo Area	366	FAROUK (Airport)	340	12	18	01	1	4	Cu	16.5	21	33	4
	372	ALMĀZA	340	16	18	01	2	4	Cu	16.5	22	29	3
		EZBEKĪYA	350	4	18	02	1	5	Cu	17.0	22	31	4
		GĪZA	350	4	18	02	1	5	Cu	16.0	23	24	1
	378	HELWÂN	320	9	35	01	1	5	Cu	16.4	21	33	4
Upper Egypt	381	FAIYÛM	360	8	35	03	1	2	Cu, Sc	17.6	23		
	387	MINYA	350	15	10	03	1	4	Cu	16.3	23	34	6
	393	ASYŪT MANQABÂD	360	15	30	00	0	0	—	15.8	24	26	3
	399	NAGʿ HAMMÂDI	320	2	15	00	0	0	—	13.4	27	22	3
	402	QENA	290	1	50	00	0	0	—	12.4	31	9	-6
	405	LUXOR											
	414	ASWÂN	320	15	15	07	3	0	—	11.2	29	9	-7
Oases	417	SĪWA	290	10	14	01	0	0	—	21.2	24	24	2
	420	BAHARĪYA	360	3	35	03	1	3	AC	18.6	23	61	15
	423	FARAFRA	360	3	35	02	0	0	—	19.4	23	44	10
	432	DAKHLA	360	11	50	00	0	0	—	16.8	24	21	0
	435	KHARGA	360	13	7	00	0	0	—	14.7	25	28	5
Red Sea	450	SUEZ	360	7	50	02	0	4	Cu	15.0	21	33	4
	459	TÔR	310	24	3	09	3	0	—	13.7	22	57	13
	462	HURGHADA	340	25	14	02	0	0	—	12.3	23	44	10
	465	QUSEIR	360	19	15	02	0	0	—	11.6	24	54	14
	641	PORT SUDÂN	40	13	50	02	0	0	—	8.3	28	66	21
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	50	11	30	02	0	0	—		37	12	3
	660	KAREIMA	340	11	30	02	0	0	—	6.4	36	9	-2
	680	ʿATBARA	350	10	10	05	0	2	CS	3.5	38	9	-1
	721	KHARTÛM	20	12	30	02	2	7	CS	3.1	38	16	8
	730	KASSALA	310	5	30	02	2	7	CS	1.1	39	18	11
Central Sudan	751	WÂD MEDANI	50	9	35	02	2	8	Ci	1.9	40	8	0
	801	RENK	230	2	35	02	2	7	Cu	3.3	40	38	23
	802	ROSEIRES	130	2	35	02	1	5	Cu	2.3	39	24	15
	771	EL OBEID	90	14	30	03	1	5	CS	3.6	37	5	-9
	760	EL FÂSHER	100	6	30	02	2	8	CS		35	13	3
	770	GENEINA	50	4	15	05	2	8	CS		36	6	-8
Sudan	840	MALAKÂL	180	12	30	02	2	5	Cu, AC	6.5	33	70	20
	880	WÂU	130	9	30	01	2	5	Cu, AC	6.1	32	43	18
	941	JUBA	50	15	8	95	9	8	Cb, AS	9.8	24	74	19

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
SALŪM	340	5	15	03	1	3	SC	21.0	16	77	12	0
SĪDI BARĀNI	360	9	18	02	1	1	Sc	21.9	16	49	5	0
MATRŪH	340	12	12	02	2	5	Cu, Sc	21.7	16	56	7	0
EL DABʿA	320	10	7	01	1	3	Cu		15	59	7	0
ALEXANDRIA	360	22	35	02	2	4	Cu	20.2	16	59	8	0
FOUAD (Airport)	340	11	12	03	2	4	SC	19.2	16	59	8	0
DAMIETTA	320	2	7	00	0	0	—	18.7	16	68	10	0
PORT SAʿĪD	360	15	18	02	0	2	Cu	17.2	17	60	9	0
EL ʿARISH												
DAMANHUR	40	5	15	02	1	1	Cu	18.0	17	60	9	0
MANṢURA	270	5		00	0	0	—	18.3	16	72	11	0
TANTA	360	2	35	01	1	4	Cu	19.0	14	67	8	0
ZAGAZIG	00	0	35	02	1	0	—	17.5	15	68	9	0
ISMAʿILIA												
FAROUK (Airport)	360	14	12	00	1	0	—	17.9	16	59	8	0
ALMĀZA	360	14	12	02	1	0	—	18.1	17	52	7	0
EZBEKĪYA	360	3	12	00	0	0	—	18.0	17	42	4	0
GĪZA	360	3	12	00	0	0	—	17.8	17	42	4	0
HELWÂN	360	11	15	02	0	0	—	18.4	17	42	4	0
FAIYÛM	360	2	35	01	0	0	—	18.7	17	42	4	0
MINYA	340	4	8	00	0	0	—	16.5	15	39	1	0
ASYŪT MANQABÂD	340	10	8	00	0	0	—	16.0	19	32	2	0
NAGʿ HAMMÂDI	340	2	7	00	0	0	—	14.4	22	29	3	0
QENA	290	2	7	00	0	0	—	13.4	23	24	1	0
LUXOR												
ASWÂN	360	6	15	00	0	0	—	11.2	25	11	-8	0
SĪWA	40	6	10	03	0	1	AC	20.6	22	25	1	0
BAHARĪYA	360	3	15	02	1	0	—	19.8	17	60	9	0
FARAFRA	360	2	15	02	0	0	—	19.2	17	52	7	0
DAKHLA	340	11	35	00	0	0	—	17.4	21	16	-6	0
KHARGA	360	6	7	00	0	0	—	14.7	21	26	1	0
SUEZ	360	12	15	01	0	0	—	16.7	16	59	8	0
TÔR	310	13	7	07	3	0	—	13.8	21	33	4	0
HURGHADA	340	26	12	02	0	0	—	11.4	22	47	10	0
QUSEIR	360	19	15	02	0	0	—	11.9	23	44	10	0
PORT SUDÂN	340	10	30	02	0	0	—	9.3	25	79	21	0
WÂDI HALFA	340	16	15	05	0	0	—	12.4	24	13	-7	0
ABU HAMAD	20	9	30	02	0	0	—		28	9	-8	0
KAREIMA	350	14	30	02	0	0	—	9.3	29	6	-12	0
ʿATBARA	360	7	30	01	0	0	—	5.8	31	12	-1	0
KHARTÛM	310	8	30	01	0	4	Ci	5.9	33	19	6	0
KASSALA	00	0	30	02	2	4	Ci	4.5	28	58	19	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	7	50	01	1	2		5.6	32	10	-3	0
EL FÂSHER	90	3	30	03	2	0	—		30	21	5	0
GENEINA	20	7	17	05	2	8	CS		32	8	-7	0
MALAKÂL												
WÂU	160	7	30	03	2	8	AC	7.6			20	0
JUBA												

At 0600 on Sunday 13th April, 1952

Station	Wind 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	50	5	15	03	1	5	Sc	21.5	+7.2	16	21	-4	12	-1	59	8	0	Rain	
SIDI BARANI	10	12	18	02	1	3	Cu, Sc	21.6		16	20		15		59	8	0	115	
MATRŪH	340	15	30	01	2	2	Cu	20.7	+5.8	17	20		14		60	9	0	132	
EL DABʿA	340	3	15	02	1	4	Cu			17	20		14		52	7	0	214	
ALEXANDRIA	360	22	50	03	2	5	Cu	19.1	+4.6	17	21	-2	14	-1	52	7	0	166	182
FOUAD (Airport)	20	11	18	02	1	4	Sc	18.7	+2.8	17	20	-3	13	0	52	7	0	Rain	137
DAMIETTA	320	9	7	03	1	7	Cu	18.0	+3.6	16	18	-4	14	0	68	10	0	171	102
PORT SAʿĪD	350	13	18	03	1	4	SC	16.3	+0.6	17	18	-3	16	0	56	8	0	92	
EL ʿARISH																			
DAMANHŪR	40	9	15	02	1	1	Cu	18.6	+4.1	16	22	-4	10	-2	59	8	0	87	96
MANSŪRA	360	5	35	02	1	0	—	17.6	+2.8	18	24	-3	9	-3	49	7	0	62	49
TANTA	310	2	35	02	6	0	—	17.9	+3.2	15	23	-5	9	-2	77	11	0.3	65	37
ZAGAZIG	320	1	35	02	0	0	—	18.3	+3.6	17	25	-3	7	-4	60	9	0	30	25
ISMAʿILĪA																			
FAROUK (Airport)	290	2	12	01	2	2	Sc	18.2		15	23		10		68	9	0	83	
ALMĀZA	320	6	12	01	2	2	Cu, Ac	18.4	+2.5	13	23	-4	11	-2	82	10	0	71	
EZBEKĪYA	360	2	12	02	1	4	Ci	18.3	+3.6	15	24	-4	11	-2	68	9	0	61	23
GĪZA	360	2	12	02	1	4	Ci	17.9	+3.1	15	23	-5	9	-1	68	9	0	58	23
HELWÂN	320	5	7	02	2	7	Cu			13	22	-6	11	-3	77	9	0	59	26
FAIYŪM	360	6	35	02	0	0	—	18.3	+3.6		24	-5	11	-2		8	0	23	8
MINYA	360	14	10	00	0	0	—	17.9	+1.9	14	24	-5	10	-1	59	6	0	5	
ASYŪT MANQABÂD	350	11	10	00	0	0	—	17.9	+4.0	14	25	-5	9	-4	67	8	0	3	
NAGʿ HAMMÂDI	360	10	7	00	0	0	—	17.0	+3.8	16	28	-3	10	-3	59	8	0	0.1	
QENA	270	10	35	00	0	0	—	15.6	+2.7	17	32	-3	12	-4	34	1	0	2	
LUXOR	310	12	30	00	0	0	—	15.5	+2.5	18			13		60	10	0	dr.	
ASWÂN	360	16	50	00	0	0	—	15.0	+2.4	18	30	-5	15	-4	28	-1	0	dr.	
SĪWA	170	2	14	00	0	0	—	22.2	+6.6	14	25	-4	10	-2	59	6	0	26	8
BAHARĪYA	340	6	35	02	0	0	—	20.4	+5.1	14	24	-6	9	-3	55	5	0	1	7
FARAFRA											24								
DAKHLA	340	11	50	00	0	0	—	19.2	+5.2	15	25	-8	9	-5	48	4	0	dr.	
KHARGA	360	4	15	00	0	0	—	17.5	+3.9	15	26	-7	13	-2	59	7	0	dr.	
SUEZ	310	7	35	00	0	2	Cu	15.9	+1.5	14			9	-6	63	10	0	44	15
TÔR	340	13	15	05	0	0	—	13.4	+0.9	19					37	4	0	1	13
HURGHADA	320	22	30	02	0	0	—	13.7	-0.1	17	24	0	13	-2	42	4	0	0	
QUSEIR	360	24	7	06	0	0	—	13.8	+1.4	19	24	-3	18	-1	37	4	0	dr	4
PORT SUDÂN	320	12	30	02	0	1	Sc AS	10.6		25	30		20		42	11	0	211	95
WÂDI HALFA	360	22	7	07	0	0	—	15.6		17	32		14		34	1	0	dr.	
ABU HAMAD	360	9	30	02	0	0	—			21	37		18		28	2	0		
KAREIMA	10	14	30	02	0	0	—	13.8		21	37		17		23	-1	0	dr.	1
ʿATBARA	340	16	7	07	0	0	—	9.6		25	39		20		13	-6	0	dr.	2
KHARTŪM	360	15	10	07	2	7	CS	11.3		25	40		22		21	1	0	0.6	4
KASSALA	360	3	30	02	1	3	CS	6.9		29	40		20		29	9	0	49	10
WÂD MEDANI	50	9	35	02	1	4	St	10.8		27	41		20		17	0	0	20	13
RENK																			51
ROSEIRES	310	5	35	02	0	0	—	8.5		29	40		25		52	18	0	92	44
EL OBEID	360	4	10	05	2	7	CS	11.2		25	39		19		16	-3	0	15	17
EL FÂSHER											37								6
GENEINA											38								5
MALAKÂL	130	2	30	02	2	7	St, AC	9.1		27	34		25		70	21	0	130	105
WÂU	340	3	30	02	2	8	AC	9.0		25	33		24		84	22	0	228	198
JUBA	180	4	50	03	2	7	Sc, AC	9.5		25	31		21		84	22	dr.	248	231

Humidity ... day

On 12th	Diff. from normal
61	-6
50	-5
53	-4
53	+11

Gra... On 13th 6.6

Rem...

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 12th

Station	Matruh		Port Said		Asyut		Siwa		Kharga		S Barani		Minya	
Time	14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	9	320	19	350	30	310	4	10	22	350	14	350	14
600	340	22	350	20	340	35	330	4	10	28	350	8	350	13
1000	340	16	350	19	340	26	320	9	10	36	350	11	350	12
1500	330	16	350	16	350	30	340	13			340	29	350	13
2000			350	19	350	29	360	16			330	7		
3000			330	12			340	29			350	25		
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 13th

Station	Sīdi Barâni		Matrûh		Fouad Airport		Port Saʿīd		El ʿArīsh		Helwân		[illegible]		[illegible]		[illegible]		Aswân	
Time	8		4								6		45 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.
300	20	17	340	17							350	9	350	8	350	13			350	27
600	10	18	340	20							10	10	350	9	10	12			340	21
1000	10	20	340	19							360	15	10	6	350	9			10	8
1500	10	22									360	7	20	10	340	30				
2000	40	16													340	40				
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		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			20	23			360	13	20	19														
600	30	17	20	23			360	18	20	33													30	5
1000	30	20	10	20			360	23	10	38									10	18			120	3
1500	10	28	10	12					10	29									20	21			310	3
2000	360	29	20	23					340	12									10	9				
3000	10	37																	310	1			10	11
4000	360	35																						
5000	360	44																						
6000																								
7000																								
8000																								

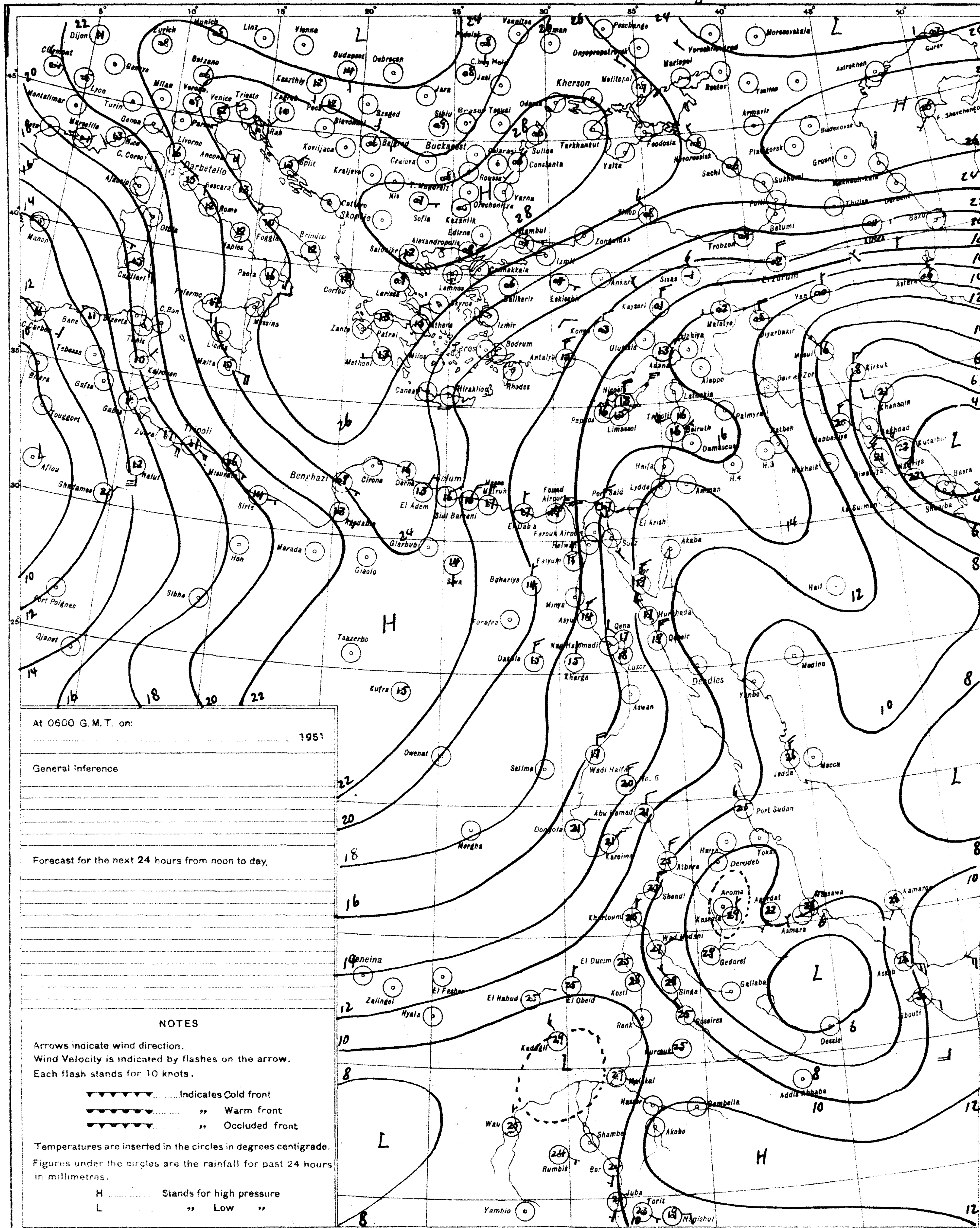
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 13/4/1952



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 / 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 30 G.M.T.

" " Sunset 16 21 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 14th April, 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	SALÛM											
	308	SÎDI BARÂNI											
	306	MATRÛH											
	309	EL DAB'A	320	3	35	00	0	0	—		19	37	4
		ALEXANDRIA	360	16	50	01	2	3	Cu	19.5	18	46	6
	318	FOUAD (Airport)											
	330	DAMIETTA	340	9	35	01	1	4	Cu	18.3	18	52	8
	333	PORT SA'ÎD											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	360	13	15	02	1	2	Cu	17.4	20	56	11
	342	MANSÛRA	360	9	35	03	2	5	Cu	16.2	21	57	12
	348	TANTA											
	354	ZAGAZIG	40	1	50	03	1	4	Cu	18.0	22	44	9
	441	ISMAÎLIA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA											
		EZBEKÎYA	360	4	18	02	1	6	Cu	16.7	22	33	5
		GÎZA	360	4	18	02	1	6	Cu	16.2	22	29	3
	378	HELWÂN	340	13	15	01	1	5	Cu	16.7	21	33	4
Upper Egypt	381	FAIYÛM											
	387	MINYA	350	13	10	02	1	3	Cu	16.7	22	29	3
	393	ASYÛT MANQABÂD											
	399	NAG' HAMMÂDI	320	2	15	00	0	0	—	14.2	24	26	3
	402	QENA	340	1	50	00	0	0	—	12.7	27	15	-2
	405	LUXOR											
	414	ASWÂN											
Oases	417	SÎWA	70	9	14	00	0	0	—	21.9	23	26	2
	420	BAHARÎYA	360	3	35	02	0	0	—	19.0	21	65	14
	423	FARAFRA	360	5	35	02	0	0	—	19.8	22	36	6
	432	DAKHLA	340	14	35	00	0	0	—	17.6	22	16	-5
	435	KHARGA	360	13	7	00	0	0	—	15.8	23	24	1
Red Sea	450	SUEZ	310	2	50	03	0	3	Cu	16.4	21	50	10
	459	TÔR											
	462	HURGHÂDA	360	19	30	02	0	0	—	13.5	20	46	8
	465	QUSEIR	360	24	15	02	0	0	—	13.5	21	53	11
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA	350	12	10	07	0	0	—		33	6	-10
	721	KHARTÛM	330	36	10	07	0	1	Ci	6.3	35	4	-13
	730	KASSALA	330		30	02	0	0	—	2.9	37	9	-1
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	10	10	30	01	0	0	—	5.5	33	7	-7
	760	EL FASHER	360	6	30	02	2	8	CS		35	10	-1
	770	GENEINA	20	2	30	03	2	6	Ci		34	9	-5
S. Sûdân	840	MALAKÂL	270	6	50	17	8	7	Cb, Ac	4.8	34	39	18
	880	WÂU											
	941	JUBA											

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.
SALÛM	340	5	15	00	0	0	—	22.8	16	68	10	0
SÎDI BARÂNI	350	5	18	01	1	1	SC	21.8	16	56	7	0
MATRÛH	340	12	12	02	0	2	Cu	21.8	15	59	7	0
EL DAB'A	00	0	7	00	0	0	—		15	59	7	0
ALEXANDRIA	360	16	35	01	2	1	AC	20.6	16	59	8	0
FOUAD (Airport)	350	11	14	01	0	0	—	20.2	15	59	7	0
DAMIETTA	340	9		02	1	3	Cu	18.6	16	68	10	0
PORT SA'ÎD	20	14	15	01	0	1	SC	17.6	16	59	8	0
EL 'ARISH												
DAMANHÛR	360	9	15	02	1	1	Cu	18.6	17	60	9	0
MANSÛRA	360	5		00	1	0	—	19.2	16	59	8	0
TANTA	310	5	35	01	2	3	Cu	19.4	14	67	8	0
ZAGAZIG	00	0	35	02	1	0	—	19.1	14	55	5	0
ISMAÎLIA												
FAROUK (Airport)	20	16	12	00	0	0	—	19.5	16	49	5	0
ALMÂZA	20	16	12	01	1	0	—	18.8	16	49	5	0
EZBEKÎYA	360	2	12	00	0	0	—	18.8	16	49	5	0
GÎZA	360	2	12	00	0	0	—	18.7	16	49	5	0
HELWÂN	360	17	7	01	1	0	—	19.4	16	49	5	0
FAIYÛM	360	6	35	01	0	0	—	19.6	17	42	4	0
MINYA	350	6	8	00	0	0	—	17.4	15	39	1	0
ASYÛT MANQABÂD	320	4	10	00	0	0	—	18.3	17	39	3	0
NAG' HAMMÂDI	270	7	7	00	0	0	—	15.2	19	46	7	0
QENA	290	2	7	00	0	0	—	14.4	22	21	-1	0
LUXOR												
ASWÂN	360	6	15	00	0	0	—	15.1	20	17	-6	0
SÎWA	60	6	10	03	0	3	Ci	20.7	20	26	0	0
BAHARÎYA												
FARAFRA	360	2	15	02	2	1	Cu	19.9	17	42	4	0
DAKHLA	340	11	35	00	0	0	—	18.8	19	23	-3	0
KHARGA	360	3	15	00	0	0	—	17.1	16	24	-5	0
SUEZ	360	2	15	01	0	0	—	16.4	18	37	3	0
TÔR												
HURGHÂDA	340	19	15	02	0	0	—	13.7	20	41	6	0
QUSEIR	360	24	15	02	0	0	—	13.3	22	36	6	0
PORT SÛDÂN	340	12	30	01	0	1	SC	11.0	25	65	18	0
WÂDI HALFA	330	20	30	02	0	0	—	15.0	21	21	-2	0
ABU HAMAD	310	7	30	02	0	0	—		25	32	7	0
KAREIMA	330	11	30	02	0	0	—	12.6	24	9	-11	0
'ATBARA	330	12	10	07	0	0	—	9.2	28	8	-9	0
KHARTÛM	340	9	30	02	0	0	—	9.3	29	10	-6	0
KASSALA	320	4	30	02	0	0	—	6.9	29	9	-7	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	9	30	02	0	0	—	8.0	28	8	-10	0
EL FASHER	20	9	30	02	2	8	CS		29	12	-3	0
GENEINA	20	5	30	02	2	8	CS		30	7	-9	0
MALAKÂL												
WÂU	180	2	50	01	2	1	AC	5.6	28	62	20	dr.
JUBA	50	5	10	95	9	8	Cb	8.1	23	94	22	4

At 0600 on Monday 14th April, 1952

Wind 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	Station
270	5	15	03	1	5	SC	20.6	+6.4	16	19	-6	10	-3	68	10	0	Rain		SALUM
290	7	18	03	1	4	Ci	20.4		16	19		10		59	8	0	115		SÎDI BARÂNI
280	10	18	03	1	6	Sc, Ci	19.8	+5.0	16	20		12		64	9	0	132		MATRÛH
320	10	15	02	1	4	Cu			17	20		14		60	9	0	214		EL DAB'A
										19	-5							182	ALEXANDRIA
310	11	18	02	0	2	SC	17.5	+1.6	18	20	-2	15	+2	60	10	0	Rain	137	FOUAD (Airport)
320	5	15	01	1	1		17.2	+2.9	17	18	-4	12	-2	68	11	0	171	102	DAMIETTA
270	8	14	02	0	1	SC	15.7	0.0	16	20	-2	14	-2	77	12	0	92		PORT SA'ÎD
																			EL 'ARISH
310	9	7	02	1	1	Cu	17.8	+3.4	17	21	-6	9	-3	68	11	0	87	96	DAMANHÛR
270	5	35	00	0	0	—	17.5	+2.8	16	22	-5	10	-2	68	10	0	62	49	MANSÛRA
270	2	35	02	0	0	—	17.5	+2.8	16	22	-6	7	-4	68	10	0	65	37	TANTA
00	0	35	02	0	0	—	17.5	+2.9	16	25	-3	8	-3	68	10	0	30	25	ZAGAZIG
																			ISMAÎLIA
250	7	10	05	0	0	—	17.7		14	22		10		77	10	0	83		FAROUK (Airport)
270	6	12	00	0	0	—	17.6	+1.7	15	20	-7	11	-2	68	9	0	71		ALMÂZA
320	3	12	02	1	3	Cu	17.9	+3.2	16	23	-6	11	-2	64	9	0	61	23	EZBEKÎYA
320	3	12	02	1	3	Cu	17.5	+2.7	16	23	-5	8	-3	59	8	0	58	23	GÎZA
00	0	7	05	0	1	St	17.6	+3.3	14	21	-7	11	-3	67	8	0	59	26	HELWÂN
360	4	35	03	1	3	St	19.1	+4.5	16	23	-7	8	-5	68	10	0	23	8	FAIYÛM
350	5	8	00	0	0	—	18.9	+2.9	14	23	-6	6	-5	55	5	0	5		MINYA
340	10	14	00	0	1	Ci				23	-7	9	-4		4	0	3		ASYÛT MANQABÂD
										25	-6								NAG' HAMMÂDI
290	1	35	00	0	0	—	17.1	+4.3	18	28	-7	11	-5	46	6	0	2		QENA
330	6	30	00	0	0	—	16.9	+4.0	18			10		52	8	0	dr.		LUXOR
20	5	50	00	0	0	—	17.5	+5.0	18	25	-10	14	-5	46	6	0	dr.		ASWÂN
00	0	14	01	1	3	Ac, Ci	22.2	+6.6	13	24	-5	9	-3	63	6	0	26	8	SÎWA
																		7	BAHARÎYA
20	2	35	02	2	1	Cu	20.7		14	23		8		55	5	0	Rain		FARAFRA
00	0	50	00	0	0	—	19.0	+5.1	17	23	-10	11	-3	42	4	0	dr.		DAKHLA
360	1	15	00	0	0	—	18.8	+4.3	16	24	-9	11	-4	49	5	0	dr.		KHARGA
310	2	35	00	0	0	—	17.6	+3.3	16	22	-6	9	-6	59	8	0	44	15	SUEZ
																		13	TÔR
330	13	30	02	0	0	—	16.8	+3.1	17	21	-4	12	-3	52	7	0	0		HURGHADA
360	19	15	02	0	0	—	16.3	+3.9	19	22	-6	17	-3	46	7	0	dr.	4	QUSEIR
										29								95	PORT SÛDÂN
20	12	30	02	0	0	—	17.3		17	28		13		34	1	0	dr.		WÂDI HALFA
		30	02	0	0	—			20	31		15				0			ABU HAMAD
										32								1	KAREIMA
										34								2	'ATBARA
360	20	30	02	0	0	—	132		22	35		18		13	-8	0	0.6	4	KHARTÛM
110	3	30	02	0	0	—	10 4		25	38		15		39	10	0	49	10	KASSALA
																		13	WÂD MEDANI
																		52	RENK
																		45	ROSEIRES
										35								17	EL OBEID
50	9	30	01	2	6	CS			20	36		14		26	0	0	13	6	EL FASHER
40		30	01	1	2	Ci			22	36		20		11	-10	0		5	GENEINA
50	15	10	05	2	6	AC	10.4		27	36		22		11	-6	dr.	130	106	MALAKÂL
										33								200	WÂU
00	0	30	15	6	8	Ac, Ci	9.7		25	35		22		89	23	5	253	235	JUBA

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria		
Ezbekiya	52	-3
Gîza	55	-2
Helwân	58	+17

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

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 13th

Station	Matruh		Minya		Siwa		Kharga		Fouad A.P.		El Arish		Port Said		Almaza		S. Barani								Port Said	
Time	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	10	10	360	16	20	17	10	25	10	16	340	1	340	17	350	19	10	15							340	12
600	10	13	360	20	30	16	10	30	20	17	340	16	340	17	350	28	10	15							340	10
1000	360	12	350	23	20	17	10	28	360	12	360	13	320	12	350	24	10	16							350	11
1500	360	17	360	19	10	26			360	16			320	20	350	47	20	20							30	5
2000	10	18			360	17			360	24					360	49	20	21							20	9
3000	360	24			10	13			10	26					350	38										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			4				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			320	15			270	8			290	11	10	16			320	9						
600			330	13			280	9			290	11	20	21			330	9						
1000			360	2			290	7			290	15	20	20			350	12						
1500			350	20			330	5			340	16	360	22			350	16						
2000			340	15			350	3			340	27					340	26						
3000			340	22			320	3									360	17						
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		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	40	6	360	5																				
600	50	8	340	5							10	23	20	17	10	26								
1000	30	11	360	4							20	23	30	21	10	23			10	32				
1500	350	13	330	9							30	12	50	17	360	13			340	15				
2000	360	18	320	7							360	8			320	9			340	14				
3000	350	7									300	12	350	6	280	12			270	14				
4000	350	30											310	5					270	13				
5000	350	37									300	16			280	21			230	5				
6000	340	30									270	14			360	20								
7000															260	25								
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.

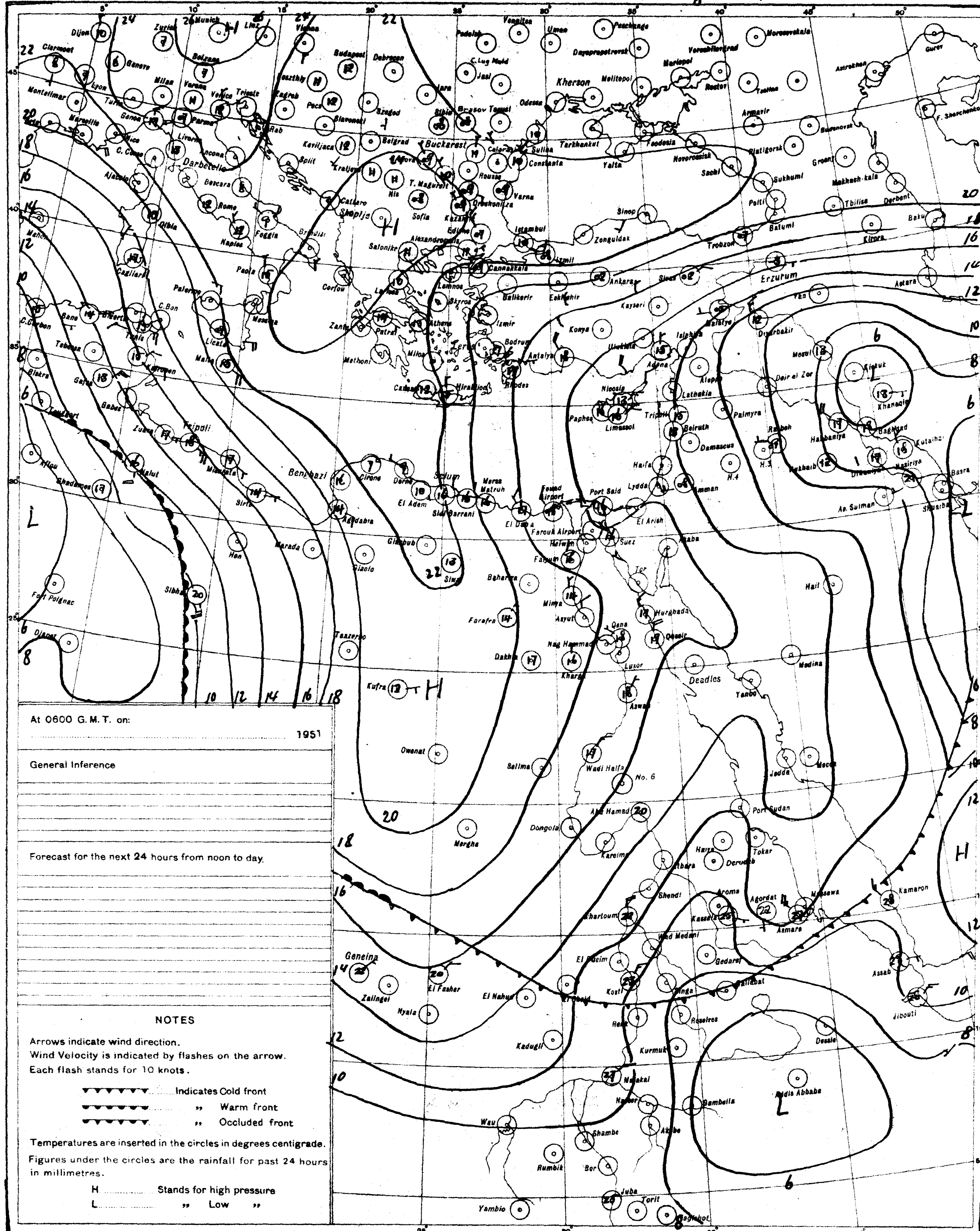
Note: All times are G.M.T.

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 14/4/1952



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 22 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 15th April, 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	SALŪM	20	13	35	03	1	4	Ci	19.1	19	64	12
	303	SĪDI BARĀNI	320	12	30	01	2	3	CS	19.2	18	64	11
	306	MATRŪH											
	309	EL DABA'	320	16	35	01	1	2	Cu		19	64	12
		ALEXANDRIA	310	18	50	02	2	5	Cu	17.6	19	64	12
	318	FOUAD (Airport)	300	15	18	02	1	5	SC	17.5	19	64	12
	330	DAMIETTA	320	9	35	02	1	1	Cu	17.0	19	73	14
	333	PORT SA'ID	340	20	18	02	0	1	SC	15.9	19	60	11
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	13	15	02	1	1	Cu	16.7	21	50	10
	342	MANSURA	270	9	35	00	0	0	—	16.4	23	32	5
	348	TANTA	310	2	35	01	1	4	Cu	16.2	23	32	5
	354	ZAGAZIG	320	2	50	03	1	4	Cu	16.0	23	44	10
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	290	10	30	02	2	3	SC	16.8	22	36	6
	372	ALMAZA	290	12	30	03	2	6	SC	16.0	22	44	9
		EZBEKIYA	320	5	18	01	1	7	Cu	16.0	24	28	4
		GIZA	320	5	18	02	1	7	Cu	15.5	25	28	5
	378	HELWAN	290	13	35	03	1	3	Cu	16.4	22	29	3
Upper Egypt	381	FAIYUM	330	2	35	01	1	1	St	17.8	24	26	3
	387	MINYA	300	7	10	03	1	4	Ci	17.8	24	21	0
	393	ASYUT MANQABAD	360	10	30	02	1		Ci	17.6	24	24	2
	399	NAG' HAMMADI	340	1	35	02	0	4	AC CS	15.5	26	25	4
	402	QENA	320	1	50	00	0	0	—	14.3	28	12	-4
	405	LUXOR											
	414	ASWAN											
Oases	417	SIWA	290	3	14	01	0	0	—	20.0	24	21	0
	420	BAHARIYA	320	3	35	02	1	3	AC	18.0	23	50	12
	423	FARAFRA	270	1	35	02	1	1	Cu	19.4	23	34	6
	432	DAKHLA	360	8	50	00	0	0	—	17.6	24	15	-5
	435	KHARGA	360	2	15	00	0	0	—	16.2	25	34	8
Red Sea	450	SUEZ	220	1	50	03	0	5	SC	14.3	24	32	6
	459	TOR	310	13	35	02	0	0	—	14.8	21	50	10
	462	HURGHADA	10	13	30	02	0	0	—	14.2	20	46	8
	465	QUSEIR	20	13	15	02	0	0	—	15.4	21	65	14
	641	PORT SUDAN	40	19	10	07	0	1	Cu	11.6	27	52	16
North Sudan	600	WADI HALFA	360	5	30	02	0	0	—	13.6	28	11	-5
	640	ABU HAMAD											
	660	KAREIMA	20	6	30	02	0	0	—	11.6	30	7	-10
	680	'ATBARA	340	10	30	02	0	0	—	7.7	32	12	-1
	721	KHARTUM	310	8	30	03	0	7	CS	7.3	32	6	-11
	730	KASSALA	320	3	30	02	0	0	—	4.5	35	18	7
Central Sudan	751	WAD MEDANI	50	9	35	02	0	0	—	5.4	35	18	7
	801	RENK	360	9	35	02	0	0	—		34	12	1
	802	ROSEIRES											
	771	EL OBEID	10	11	30	03	0	1	Ci	7.4	31	6	-11
	760	EL FASHER											
	770	GENEINA	20	2	30	02	2	8	CS		33	4	-14
S. Sudan	840	MALAKAL											
	840	WAU	50	5	30	01	2	8	Cu CS	5.8	34	36	17
	941	JUBA	140	7	30	01	6	7	Cb, AC	6.6	29	59	20

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.
SALŪM	360	2	15	00	0	0	—	18.0	16	77	12	0
SĪDI BARĀNI	360	3	18	02	1	0	—	18.1	16	68	10	0
MATRŪH	320	9	12	01	1	1	Ci	18.7	16	68	10	0
EL DABA'	320	6	7	00	0	0	—		17	68	11	0
ALEXANDRIA	310	16	35	01	2	3	SC	17.8	16	77	12	0
FOUAD (Airport)	320	13	12	02	1	3	SC	17.1	16	77	12	0
DAMIETTA	320	2	7	00	0	0	—	17.0	17	60	9	0
PORT SA'ID	320	15	14	02	0	1	SC	15.8	18	52	8	0
EL 'ARISH												
DAMANHUR	310	9	15	02	1	1	Cu	17.4	17	68	11	0
MANSURA	340	5		00	0	0	—	17.0	17	52	7	0
TANTA	00	0	35	01	1	4	Cu	16.7	16	68	10	0
ZAGAZIG	00	0	35	02	1	0	—	16.6	16	68	10	0
FAROUK (Airport)	340	6	12	00	1	0	—	17.2	18	60	10	0
ALMAZA	320	9	12	00	0	0	—	16.6	18	52	8	0
EZBEKIYA	350	2	12	00	0	0	—	16.2	19	52	9	0
GIZA	350	2	12	00	0	0	—	16.6	17	60	9	0
HELWAN	320	8	7	01	1	0	—	16.4	19	52	9	0
FAIYUM	360	2	35	02	1	1	St	17.1	18	49	7	0
MINYA	360	4	8	00	1	0	—	17.5	16	45	4	0
ASYUT MANQABAD	250	3	8	00	0	0	—	17.0	19	30	1	0
NAG' HAMMADI												
QENA	290	1	7	00	0	0	—	15.5	21	23	-1	0
LUXOR	320	3	12	00	0	0	—	14.7	20	26	0	0
ASWAN												
SIWA	290	4	8	01	0	0	—	18.7	19	26	-1	0
BAHARIYA	00	0	15	02	1	0	—	18.0	19	52	9	0
FARAFRA	320	1	15	02	2	0	—	18.1	18	28	-1	0
DAKHLA	320	8	35	00	0	0	—	17.5	20	17	-6	0
KHARGA	360	1	15	00	0	0	—	16.5	18	28	-1	0
SUEZ	360	2	15	01	0	0	—	16.2	18	52	8	0
TOR	310	9	15	02	0	0	—	14.3	21	41	7	0
HURGHADA	320	11	12	02	0	0	—	14.3	20	46	8	0
QUSEIR	360	13	15	02	0	0	—	15.2	21	50	10	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Tuesday 15th April, 1952

Station	Wind 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
SALŪM	220	5	15	00	0	0	—	17.8	+3.6	18	21	-4	10	-3	37	3	0	Rain	
SĪDI BARĀNI	230	6	14	00	4	0	—	18.1		14	19		8		88	12	0	115	
MATRŪH	260	6	18	00	0	0	—	18.1	+3.3	16	20		9		56	7	0	132	
EL DABA'	270	3	15	00	0	0	—			16	19		8		77	12	0	214	
ALEXANDRIA	310	19	50	01	2	4	SC	16.2	+1.8	16	20	-4	15	0	77	12	0	166	182
FOUAD (Airport)	280	14	12	03	0	3	SC	16.8	+0.9	18	20	-3	14	+1	73	13	0	Rain	137
DAMIETTA	200	5	7	11	0	0	—	15.9	+1.[illegible]	16	19	-4	10?	-4	88	14	0	171	102
PORT SA'ID	230	11	12	02	0	0	—	16.1	+0.5	16	20	-2	14	-2	77	12	0	92	
EL 'ARISH																			
DAMANHUR	310	9	7	02	0	0	—	16.8	+2.4	16	22	-5	11	-1	77	12	0	87	96
MANSURA	220	5	35	02	0	2	Cu	17.2	+2.5	18	24	-3	9	-3	73	13	0	62	49
TANTA	220	2	35	03	2	8	As	17.0	+2.3	16	24	-4	9	-2	77	12	0	65	37
ZAGAZIG	220	2	35	02	0	0	—	18.0	+3.4	17	25	-3	10	-1	77	13	0	30	26
FAROUK (Airport)	290	7	10	01	2	5	SC	18.3		16	24		12		77	12	0	83	
ALMAZA	270	9	12	02	2	6	SC	17.7	+1.9	15	24	-3	13	0	82	12	0	71	
EZBEKIYA	320	2	12	02	1	6	Cu	17.8	+3.2	17	25	-4	13	-1	72	12	0	61	23
GIZA	320	2	12	02	1	6	Cu	17.4	+2.7	18	25	-3	10	-1	73	13	0	58	23
HELWAN	00	0	7	05	1	6	St	18.7	+4.5	15	23	-5	12	-2	88	13	0	59	26
FAIYUM	00	0	35	02	0	0	—	15.6	+4.0	18	25	-5	11	-2	73	13	0	23	8
MINYA	340	6	8	00	0	0	—	17.9	+2.0	15	25	-5	8	-3	72	10	0	5	
ASYUT MANQABAD	300	5	12	00	0	0	—	18.0	+4.3	16	24	-6	11	-2	59	8	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	18.0	+5.0	18			9	-4	46	6	0	0.1	
QENA	320	1	35	00	0	0	—	17.4	+4.7	18	29	-6	12	-4	37	3	0	2	
LUXOR	00	0	30	00	0	0	—	17.0	+4.2	20	27		10		26	0	0	dr.	
ASWAN	00	0	50	00	0	0	—	17.2	+4.8	19			14	-5	30	1	0	dr.	
SIWA	00	0	14	03	0	1	AC	19.5	+4.0	16	25	-4	8	-4	45	4	0	26	8
BAHARIYA	00	0	35	02	0	0	—	19.1	+4.0	17	25	-5	8	-4	68	11	0	1	7
FARAFRA	00	0	35	02	0	0	—	19.2		14	25		5		48	3	0	Rain	
DAKHLA	340	11	50	00	0	0	—	19.2	+5.4	15	25	-8	9	-5	20	-8	0	dr.	
KHARGA	00	0	35	00	0	0	—	18.0	+4.5	15	25	-8	8	-7	48	4	0	dr.	
SUEZ	360	1	35	00	0	0	—	16.6	+2.4	15	25	-3	9	-6	68	9	0	44	15
TOR	290	5	35	02	0	0	—	16.3	+3.9	21			13	-3	41	7	0	1	13
HURGHADA	320	5	30	02	0	0	—	15.9	+2.3	18	21	-4	12	-4	49	7	0	0	
QUSEIR	360	9	15	02	0	0	—	16.6	+4.3	22	21	-7	16	-4	36	6	0	dr.	4
PORT SUDAN	340	15	30	02	0	1	Cu	14.2		24	28		19		50	13	0	211	95
WADI HALFA	10	5	30	02	0	0	—	16.6		19	29		12				0	dr.	
ABU HAMAD																			
KAREIMA	80	13	30	02	0	0	—	13.8		23	30				9	-12	0	dr.	1
'ATBARA	20	9	30	02	0	0	—	12.2		23	33		17		27	3	0	dr.	2
KHARTUM	360	14	30	03	1	4	CS	12.0		23	33		16		10	-11	0	0.6	4
KASSALA																			10
WAD MEDANI																			13
RENK																			52
ROSEIRES																			45
EL OBEID																			17
EL FASHER																			6
GENEINA																			5
MALAKAL																			107
WAU																			202
JUBA																			239

HUMIDITY

Mean of day

Station	on 14th	Diff from normal
Alexandria		
Ezbakiya	54	0
Giza	58	+2
Helwan	59	+18

GIZA

GRASS MINIMUM TEMP. ON 15th 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 ..... At .....

Pressure 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 14th

Height m.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Sura Dir.	Sura Vel.	Kharga Dir.	Kharga Vel.	S. Baram Dir.	S. Baram Vel.	El Arish Dir.	El Arish Vel.	Dir.	Vel.	Dir.	Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		14		14						20		20	
300	320	17	320	12	360	11	330	11	330	16	350	14	360	22	330	12	320	20					300	9	10	24
600	350	14	310	18	320	23	320	11	330	16	360	15	360	18	330	12	300	23					320	11	10	23
1000	330	12	320	18			320	11	340	13	360	4	10	19	360	12	280	26					80	11	360	16
1500	360	11	320	16			320	12	340	16	340	10	10	16	20	15							350	16	320	9
2000	20	9							330	28	20	10			20	15										
3000	10	17							310	22	350	21			10	14										
4000											330	26			10	17										
5000											340	26			350	23										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

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.	Almaza Dir.	Almaza Vel.
Time	8		4		2		2				6	30	2		8		8		8				4	30
300	290	4	320	12	310	22	250	9			230	4	340	12	280	7	10	8	360	13			250	4
600	240	4	330	9	310	20	230	8			290	2	340	16	280	5	20	6	30	11			320	4
1000	270	9	10	5	310	15	260	11			300	15	330	22	350	5	20	7	360	10			320	13
1500	320	9	340	13	320	14	270	13			340	5	330	26	10	9	360	11	340	10			350	17
2000	290	9	340	13	330	13									350	14	350	9	330	15			320	21
3000	310	17													350	20	340	21					340	35
4000	310	21																						
5000	320	22																						
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		8				8																	
300	140	10	330	3			30	8																
600	150	6	300	4			30	15																
1000	360	3	300	5			10	16																
1500	10	10	330	8			360	19																
2000	20	3	20	11			20	17																
3000	310	8																						
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.

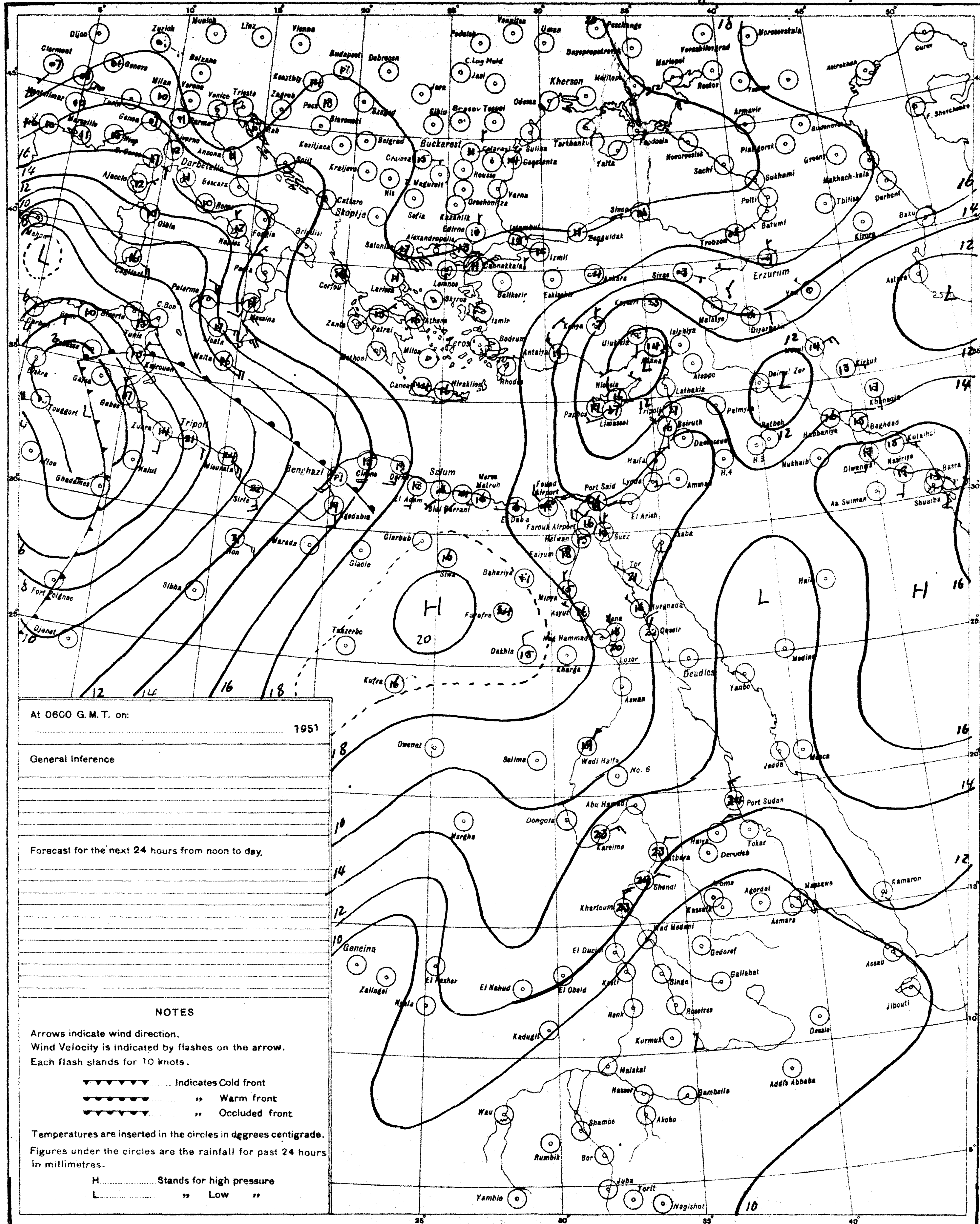
Note: All times are G.M.T.

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 15/4/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 28 G. M. T.
" " Sunset 16 23 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 16th April, 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	SALÛM	20	5	35	01	1	3	Ci	16.4	22	25	1
	303	SÎDI BARÂNI	330	10	30	02	0	1	Ci	16.7	21	38	6
	306	MATRÛH	350	9	30	00	0	0	—	17.5	21	44	8
	309	EL DAB'A											
		ALEXANDRIA	310	10	50	00	0	0	—	17.2	20	56	11
	318	FOUAD (Airport)	290	14	18	02	0	0	—	17.0	21	57	12
	330	DAMIETTA	340	5	35	03	0	1	Cu	16.6	20	73	15
	333	PORT SA'ÎD	360	12	18	02	0	0	—	15.2	20	73	15
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	1	1	Cu	15.9	22	44	9
	342	MANSURA	320	9	35	02	1	2	Cu	16.1	26	37	10
	348	TANTA	270	8	35	02	1	0	—	16.0	25	34	8
	354	ZAGAZIG	220	1	50	02	0	0	—	16.0	25	42	11
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	290	8	15	00	0	0	—	15.3	24	41	10
	372	ALMÂZA	270	12	18	00	0	0	—	16.4	24	26	3
		EZBEKIYA	320	2	18	00	0	0	—	16.7	25	28	5
		GÎZA	320	2	18	00	0	0	—	15.9	26	25	4
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	17.4	24	32	6
	387	MINYA	260	5	10	00	0	0	—	16.3	26	20	1
	393	ASYÛT MANQABÂD	310	4	18	00	0	0	—	16.6	26	25	4
	399	NAG' HAMMÂDI											
	402	QENA	240	1	50	00	0	0	—		31	12	-1
	405	LUXOR	320	4	30	00	0	0	—	14.9	27	14	-3
	414	ASWÂN	340	4	50	00	0	0	—	14.7	27	20	2
Oases	417	SÎWA	250	6	14	03	1	4	Ci	18.2	27	15	-2
	420	BAHARÎYA	00	0	35	02	0	0	—	17.2	26	40	11
	423	FARAFRA	270	1	35	02	2	2	AC	18.4	27	33	9
	432	DAKHLA	270	11	50	00	0	0	—	16.2	27	15	-2
	435	KHARGA											
Red Sea	450	SUEZ	180	1	50	02	0	0	—	15.1	22	50	11
	459	TÔR	310	9	35	02	0	0	—	15.0	22	50	11
	462	HURGHADA	40	6	30	02	0	0	—	14.7	22	44	9
	465	QUSEIR	20	9	15	02	0	0	—	16.0	22	65	15
	641	PORT SÛDÂN	40	19	10	07	0	0	—	11.6	28	45	15
Northern Sûdân	[illegible]	WÂDI HALFA											
	640	ABU HAMAD	360	4	30	02	0	0	—		32	8	-6
	660	KAREIMA											
	680	'ATBARA	340	13	30	02	0	0	—	7.8	33	12	0
	[illegible]	KHARTUM	300	8	30	02	0	0	—	7.1	34	12	1
	[illegible]	KASSALA	310	3	30	02	2	0	—	4.2	37	18	9
Central Sûdân	[illegible]	WÂD MEDANI	50	2	35	02	0	2	Ci	5.4	36	9	-2
	[illegible]	RENK	360	5	35	02	2	6	Ci		36	15	6
	[illegible]	ROSEIRES											
	[illegible]	EL OBE'D	50	13	30	02	1	2	Ci	6.7	32		
	[illegible]	EL FASHER	150	4	30	02	0	6	Ci		33	10	-2
	[illegible]	GENEINA											
S. Sûdân	[illegible]	MALAKÂL	50	7	30	01	2	8	Cs	8.7	36	29	15
	880	WÂU	20	6	30	01	1	2	Cu, Ci	2.3	33	32	14
	941	JUBA	90	6	50	01	2	5	Cb, Ac	3.4	34	36	17

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.
SALÛM	70	5	15	00	0	1	Ci	16.0	17	68	11	0
SÎDI BARÂNI			18	02	0		Ci	15.7	16	59	8	0
MATRÛH			12	00	0	0	—	17.2	15	72	10	0
EL DAB'A	00	0	7	00	0	0	—		15	77	11	0
ALEXANDRIA	310	11	35	00	0	0	—	16.6	17	77	13	0
FOUAD (Airport)	300	8	12	01	0	0	—	16.6	16	77	12	0
DAMIETTA	270	5		02	0	1	Cu	16.3	17	88	15	0
PORT SA'ÎD	310	16	14	02	0	3	Ci	15.1	18	78	14	0
EL 'ARISH												
DAMANHUR	310	5	15	02	0	0		16.2	18	60	10	0
MANSURA	320	5		00	1	0		16.1	18	52	8	0
TANTA	00	0	35	02	0	0	—	16.7	16	68	10	0
ZAGAZIG	00	0	35	02	0	0	—	16.2	17	64	10	0
ISMAILIA												
FAROUK (Airport)	340	9	12	00	0	0	—	15.2	19	46	7	0
ALMÂZA	310	11	12	00	0	0	—	16.6	20	33	3	0
EZBEKIYA	360	2	12	00	0	0	—	16.0	21	33	4	0
GÎZA	360	2	12	00	0	0	—	16.6	18	37	3	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	15.[illegible]	18	37	3	0
MINYA	00	0	8	00	0	0	—	15.4	18	40	4	0
ASYÛT MANQABÂD	340	2	10	02	1	1	Ci	16.2	20	38	5	0
NAG' HAMMÂDI	290	1	15	00	0	0	—	15.4	22	29	3	0
QENA	00	0	7	00	0	0	—	15.2	22	29	3	0
LUXOR	00	0	12	00	0	0	—	14.1	22	21	-1	0
ASWÂN	360	5	15	00	0	0	—	13.8	23	12	-8	0
SÎWA	00	0	8	01	1	0	—	16.7	21	33	4	0
BAHARÎYA	00	0	15	02	0	0	—	16.7	21	50	10	0
FARAFRA	90	2	15	02	2	0	—	18.2	21	33	4	0
DAKHLA	320	8	35	00	0	0	—	17.9	23	12	-8	0
KHARGA	00	0	15	00	0	0	—	16.7	20	17	-6	0
SUEZ	00	0	15	02	0	0	—	14.2	21	41	7	0
TÔR	310	5	35	02	0	0	—	14.0	23	38	8	0
HURGHADA	00	0	12	02	0	0	—	14.4	18	40	4	0
QUSEIR	360	5	15	02	0	0	—	13.9	21	50	10	0

At 0600 on Wednesday 16th April, 1952

Station	Wind 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	70	9	15	03	1	8	Cb	14.7	+0.6	18	25		11	-2	37	3	0	Rain	
SIDI BARÂNI	140	9	15	02	2	8	As	15.2		16	22		10		32	-1	0	115	
MATRÛH	130	2	18	03	1	8	Cs	16.9	+2.2	15	22		11		63	8	0	132	
EL DAB'A	00	0	15	00	0	0	—			17	22		8		68	11	0	214	
ALEXANDRIA	360	3	50	03	1	4	Cu	16.7	+2.3	18	21	-3	15	0	73	13	0	166	182
FOUAD (Airport)	20	6	18	03	0	3	Sc, Ci	16.7	+0.9	18	21	-2	10	-3	73	13	0	Rain	138
DAMIETTA	200	2	7	11	1	5	AC	15.9	+1.6	16	22	-1	10	-4	88	14	0	171	102
PORT SAÎD	250	10	12	01	0	1	Ci	15.9	+0.4	17	23	+1	14	-2	77	13	0	92	
EL 'ARISH	260	2	30	03	1	3	Cu, Ci	15.2	+1.4	17			12		77	13	0	101	
DAMANHÛR	230	5	7	02	1	1	Ci	16.8	+2.5	15	23	-4	10	-2	82	12	0	87	96
MANSÛRA	90	5	35	03	2	5	AS	16.7	+2.1	16	27	-1	9	-3	77	12	0	62	50
TANTA	00	0	35	02	0	0	—	16.8	+2.2	16	27	-1	7	-4	77	12	0	65	37
ZAGÂZIG	00	0	35	02	0	0	—	17.2	+2.6	17	26	-2	8	-4	72	12	0	30	26
ISMAILIA																			
FAROUK (Airport)	20	1	9	05	0	1	Ci	17.8		16	26		11		34	0	0	83	
ALMÂZA	20	2	12	01	1	1	Ci	17.6	+1.9	16	26	-2	11	-3	39	2	0	71	
EZBEKIYA	00	0	12	02	1	4	Sc, Cu	16.8	+2.2	18	27	-2	12	-2	46	6	0	61	24
GÎZA	00	0	12	02	1	4	Sc, Cu	17.0	+2.4	17	27	-1	7	-4	52	7	0	58	23
HELWÂN																			26
FAIYÛM	00	0	35	03	1	3	Ci	17.4	+2.7	19	27	-3	9	-4	64	12	0	23	8
MINYA	00	0	8	00	0	0	—	16.9	+1.1	18	27	-3	8	-3	46	6	0	5	
ASYÛT MANQABÂD	90	2	12	00	0	0	—	17.2	+3.5	18	27	-3	11	-3	34	2	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	16.7	+3.7	19	29	-3	10	-3	46	7	0	0.1	
QENA	00	0	35	00	0	0	—	16.7	+4.1	19	31	-4	12	-4	30	1	0	2	
LUXOR	00	0	30	00	0	0	—	15.5	+2.8	20	28		10		24	-1	0	dr.	
ASWÂN	00	0	50	00	0	0	—	15.9	+3.6	21	29	-7	15	-4	33	4	0	dr.	
SÎWA	110	5	14	03	0	4	AC	16.1	+0.7	18	28	-2	13	+1	28	-1	0	26	8
BAHARÎYA	90	2	35	02	0	0	—	17.1	+2.1	20	28	-3	9	-4	46	8	0	1	7
FARAFRA	00	0	15	02	0	0	—	17.1		17	29		7		42	4	0	Rain	
DAKHLA	00	0	50	00	0	0	—	16.6	+2.8	16	29	-5	10	-5	32	-1	0	dr.	
KHARGA	00	0	35	00	0	0	—	16.4	+3.1	17	27	-6	12	-4	34	1	0	dr.	
SUEZ	360	1	35	00	0	1	Cu	15.5	+1.4	15	26	-2	10	-5	59	7	0	44	15
TÔR	310	5	35	02	0	0	—	15.6	+3.3	20			13	-3	73	15	0	1	13
HURGHADA	20	1	30	02	0	0	—	15.3	+1.8	20	22	-3	12	-4	46	8	0	0	
QUSEIR	360	9	15	02	0	0	—	15.8	+3.6	23	23	-5	17	-3	38	8	0	dr.	4
PORT SÛDÂN	340	13	30	02	0	1	Cu	13.7		24	29				54	14	0	211	95
WÂDI HALFA	350	2	30	02	0	0	—	15.9		19	30		12		28	0	0	dr.	
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			2
KHARTUM	20	15	30	03	1	7	Ci	11.2		24	34				17	-3	0	0.6	4
KASSALA																			10
WÂD MEDANI																			13
RENK																			52
ROSEIRES																			46
EL OBEID	360	11	30	03	0	3	Ci	11.5		23	34		16		14	-6	0	15	17
EL FASHER																			6
GENEINA																			5
MALAKÂL																			108
WÂU	340	3	10	05	0	0	—	8.6		24	35		20		41	10	0	230	204
JUBA	310	7	7	61	6	8	Sc, Ac	11.1		22	36		22		77	18	6	311	243

HUMIDITY %
Mean of day

Station	on 15th	Diff. from normal
Alexandria	76	+9
Ezbekiya	49	-5
Giza	49	-7
Helwan		

GÎZA
MINIMUM TEMP.
16th 5.0 °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.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 15th

Station	Port Said		Almaza		Siwa		Fuad A.P.		Minya		Asyut		S. Barani	
Time	14		14		14		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	9	290	6	180	2	300	17	350	4	330	10	320	5
600	320	11	300	14	180	2	310	15	330	9	340	5	300	8
1000	300	15	290	17	200	3	310	13	330	8	360	6	250	7
1500	350	24	310	13	210	3	310	12	300	3	10	12	220	7
2000			290	15	330	9			330	14	360	15	270	16
3000			320	21	330	22					340	16	310	21
4000											320	24	320	26
5000													320	23
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 16th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time			8		8		2						8		8		8		8				8	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			100	9			240	9					120	7	80	11	10	5	360	6			330	3
600			80	4	360	3	280	5					40	6	60	7	330	7	40	9			220	3
1000			150	3	350	8	310	5					40	7	20	6	20	9	50	16			280	20
1500			290	18	320	16	310	10					320	12	360	16	310	5	40	14			300	10
2000					320	19	290	15							320	13	360	17	20	17			300	7
3000													310	19	310	23	320	13						
4000																	320	18						
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		8				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	140	19	250	6	300	8	40	9					40	13										
600	140	19	240	7	300	5	50	17			60	16	60	23									10	32
1000	150	16	230	9			40	16			60	16	50	19					30	38			20	53
1500	180	12	210	18			50	7			50	5	50	8					40				30	11
2000	240	10	200	34																				
3000	340	18									350	15	350	15					180	5			70	13
4000																								
5000													340	23					290	1				
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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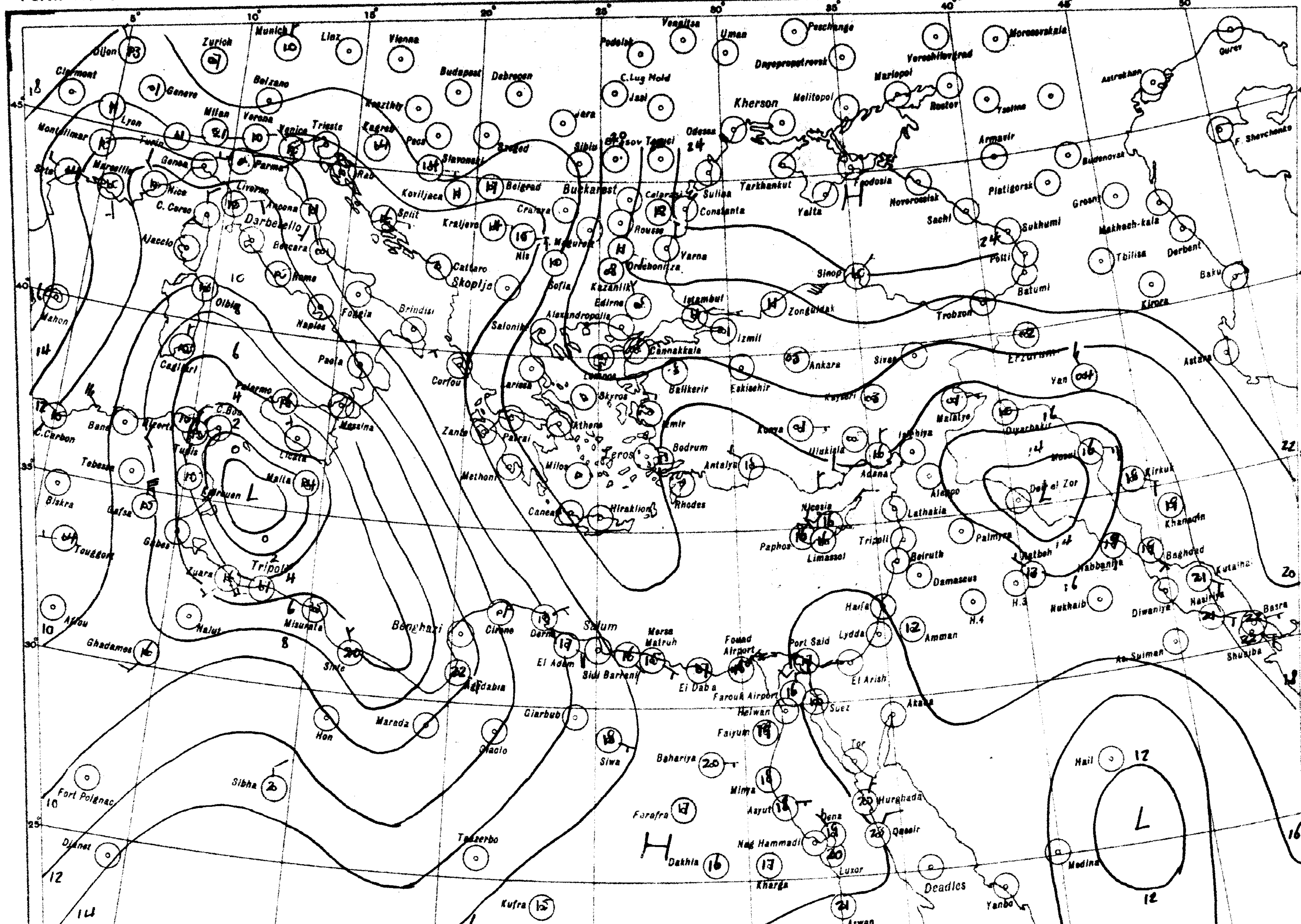
Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 16/4/1952



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

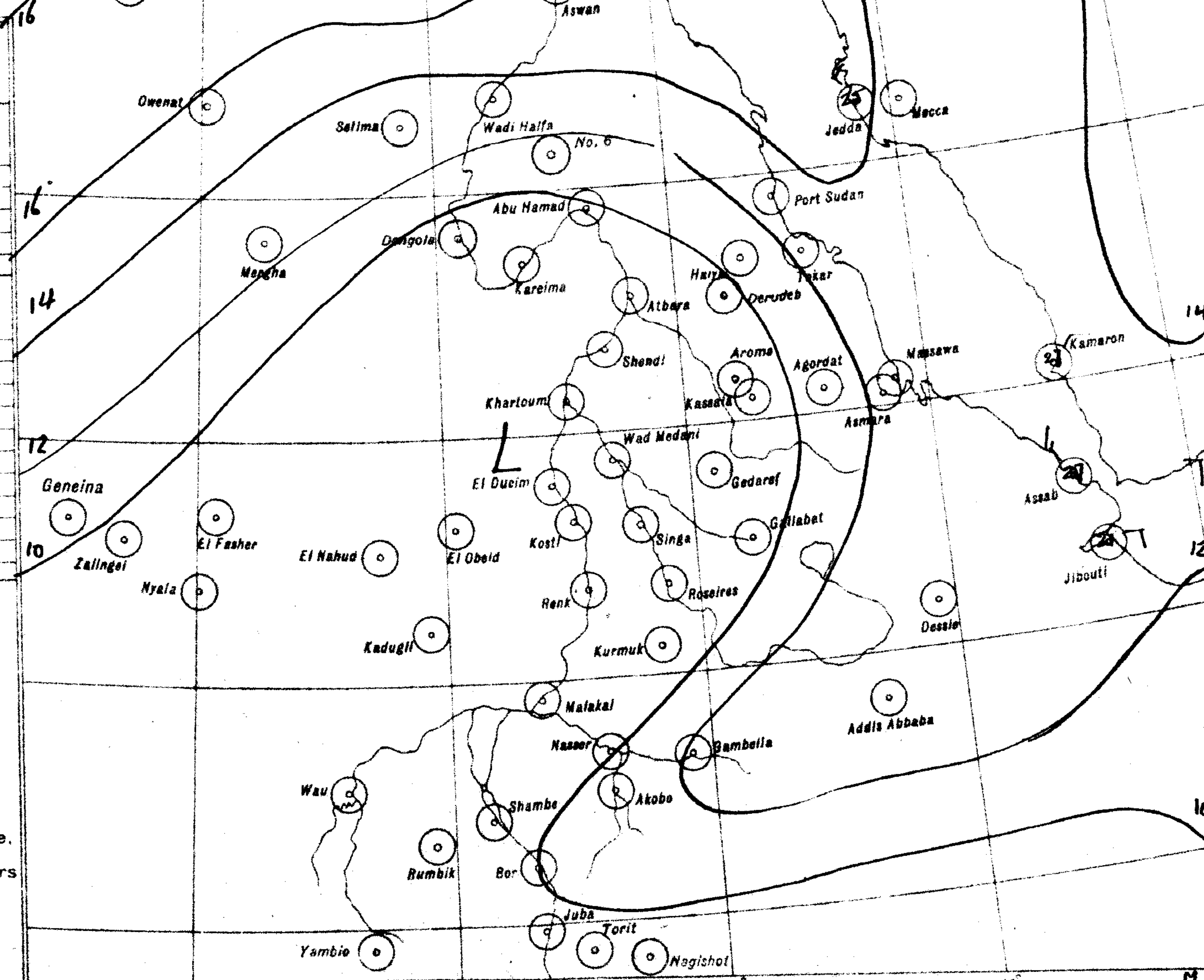
NOTES

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

LIBRARY
JUN 30 1952
WEATHER BUREAU

CAIRO
Time of Sunrise 03 26 G. M. T.
" " Sunset 16 23 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Thursday 17th April, 1952

At 1200 on Wednesday 16th / At 1800 on Wednesday 16th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in km	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 km	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	SALŪM	20	13	35	02	2	8	CS	14.0	21	57	12	250	5	15	50	5	8	AS,CS	12.2	19	73	14	dr.
	303	SĪDI BARĀNI	80	18	18	02	2	8	AS	14.4	21	41	7	90	18	18	02	2	8	AS	13.8	18	60	10	0
	306	MATRŪH	80	8	18	02	0	8	AS	16.6	23	29	4	90	6	10	01	2	6	AC	15.6	17	68	11	0
	309	EL DABA	80	4	35	03	2	8	St		19	73	14												
		ALEXANDRIA	360	11	50	02	2	3	NS	16.8	20	56	11	00	0	35	02	2	5	Ci	16.7	17	77	13	0
	318	FOUAD (Airport)	340	10	18	02	1	6	Sc,Ci	16.6	20	60	12	40	8	12	01	1	4	Ci	16.4	17	77	13	0
	330	DAMIETTA	40	2	35	01	1	3	AC	17.0	20	64	13	20	2		02	1	3	AC	17.1	17	77	13	0
	333	PORT SAĪD	30	8	30	01	1	5	CS	15.8	21	61	13	40	15	14	01	1	4	Ci	16.1	18	73	13	0
	336	EL ARISH	360	6	30	03	1	4	Ci	15.8	20	73	15												
Lower Egypt	339	DAMANHUR	40	13	15	02	1	3	Cc	16.0	24	38	9	40	9	15	02	0	0	—	16.8	18	64	11	0
	342	MANSURA	320	3	35	03	2	5	As	16.2	25	34	8	40	3		00	1	0	—	17.5	17	68	11	0
	348	TANTA	00	0	35	03	2	6	Cu	15.9	24	32	6	00	0	35	03	2	6	Cu	17.0	18	60	10	0
	354	ZAGAZIG	320	1	50	02	0	0	—	15.8	25	42	11	00	0	35	02	0	0	—	16.4	19	64	12	0
	441	ISMAILIA																							
Cairo Area	366	FAROUK (Airport)	290	10	30	03	2	6	Cs	16.5	26	18	0	340	4	12	01	1	0	—	16.8	21	44	8	0
	372	ALMĀZA	270	13	30	03	2	5	CS	15.7	25	22	2	10	7	12	01	2	3	CS	16.0	21	41	7	0
		EZBEKIYA	320	2	18	01	1	6	Ci	15.8	27	20	2	00	0	12	00	0	0	—	15.8	22	41	8	0
		GĪZA	320	2	18	02	1	6	Cc	15.1	26	18	0	00	0	12	00	0	0	—	15.9	20	46	8	0
	378	HELWĀN	00	0	35	03	2	7	CC	15.4	26	30	7	340	6	15	01	1	2	Ci	16.0	21	33	4	0
Upper Egypt	381	FAIYŪM	360	22	35	03	2	6	Ci	15.5	27	20	2	00	0	35	01	1	4	Ci	14.4	20	41	6	0
	387	MINYA	330	3	10	03	1	4	AC	15.7	29	9	-7	20	1	8	00	1	0	—	14.7	20	35	4	0
	393	ASYŪT MANQABĀD	00	0	30	00	0	0	—	15.3	29	20	4	00	0	8	01	1	1	Ci	15.2	23	32	5	0
	399	NAG HAMMADI	290	1	15	00	0	0	—	15.0			3	00	0	15	00	0	0	—	15.8	20	56	11	0
	402	QENA	00	0	50	00	0	0	—	13.9	31	12	-1	290	1	7	00	0	0	—	13.8	24	26	3	0
	405	LUXOR	00	0	30	00	0	0	—	13.7	30	9	-8	300	1	12	00	0	0	—	13.7	24	16	-4	0
	414	ASWĀN	360	2	50	00	0	0	—	13.4	30	11	-4	00	0	15	00	0	0	—	13.4	25	22	2	0
Oases	417	SĪWA	140	9	14	01	2	5	AS	14.0	30	9	-7	120	8	8	01	2	5	AS	13.4	27	17	0	0
	420	BAHARĪYA	00	0	35	02	2	6	AC	15.8	30	35	13	00	0	15	02	2	0	—	15.1	25	47	13	0
	423	FARAFRA	00	0	35	02	2	1	AC	15.6	30	31	11	90	3	15	02	2	0	—	14.7	24	32	6	0
	432	DAKHLA	00	0	50	00	0	0	—	15.5	30	11	-4	20	8	35	00	0	0	—	16.7	26	13	-5	0
	435	KHARGA	00	0	35	00	0	0	—	14.6	30	16	1	00	0	15	00	0	0	—	14.6	23	12	-8	0
Red Sea	450	SUEZ	130	2	50	03	0	2	Cu	14.2	25	45	12	360	3	15	01	0	0	—	15.0	20	46	8	0
	459	TŌR	290	9	35	02	0	0	—	14.0	26	48	14	290	5	15	01	1	0	—	13.9	22	65	15	0
	462	HURGHADA	40	4	30	03	0	1	Cc	13.7	24	50	13	00	0	12	00	1	0	—	13.5	19			0
	465	QUSEIR	20	9	15	02	0	0	—	15.0	24	61	16	120	2	15	02	0	0	—	14.4	22	65	15	0
	641	PORT SŪDĀN	40	16	30	02	1	0	—		25	58	16												
Sudan		WĀDI HALFA	20	8	50	02	0	0	—	12.3	30	7	-9												
		ABU HAMAD	340	4	30	02	0	2	Ci		33	11	-1												
		KAREIMA	360	8	30	01	0	2	CS	9.1	33	8	-6												
		ATBARA																							
		KHARTUM																							
		KASSALA																							
		WĀD MEDANI	50	9	35	02	1	5	Ci	5.2	37	7	-5												
		RENK	310	9	35	02	1	3	Ci	4.5	38	21	12												
		ROSEIRES	50	2	35	02	0	0	—	3.0	38	6	-7												
		EL OBEID	50	10	30	03	1	5	Ci	5.7	34	4	-14												
		EL FASHER			30	02	2	7	Ci		31	11	-3												
		GENEINA	150	7	50	03	1	5	Ci		33	5	-12												
S. Sudan		MALAKĀL	50	5	30	03	1	7	CS	3.6	38	9	-1												
		WĀU	20	6	30	01	1	0		4.3	37	7	-4												
		JUBA	70	10	30	60	6	8	Cu,AC	8.9	24	74	19												

At 0600 on Thursday 17th April, 1952

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.	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
90	9	15	03	1	7	NS	7.0	-7.0	22	24	-1	13	0	29	3	dr.	Rain		SALUM
90	16		03	2	7	Ac,Cs	7.9		19	22		17		46	7	0	115		SIDI BARĀNI
110	16	15	02	2	7	Ac,CS	11.3	-3.4	19	23		10		49	8	0	132		MATRŪH
																			EL DABA
130	22	35	04	2	6	AS	15.1	+0.7	15	21	-3	14	-1	77	11	0	166	182	ALEXANDRIA
120	15	18	03	2	6	Ac,Ci	15.2	-0.6	17	22	-1	13	0	68	11	0	Rain	138	FOUAD (Airport)
110	5	7	03	1	7	AC	16.6	+2.3	19	21	-2	10	-4	73	14	0	171	102	DAMIETTA
100	13	12	02	1	5	Sc,Ci	15.2	-0.3	18	21	-1	16	0	68	12	0	92		PORT SAĪD
90	4	30	01	1	2	Ci	16.1	+2.3	18			11		60	10	0	101		EL ARISH
90	13	15	02	1	5	AC	15.4	+1.2	17	25	-2	12	0	68	11	0	87	96	DAMANHŪR
90	13	35	03	2	7	AS	15.5	+0.9	18	26	-2	12	0	60	10	0	62	50	MANSŪRA
90	5	35	03	2	6	Cu	15.3	+0.7	18	26	-2	12	0	60	10	0	65	37	TANTA
40	1	35	02	0	0	—	15.8	+1.3	18	27	-2	8	-4	60	10	0	30	26	ZAGAZIG
																			ISMAILIA
40	7	14	03	2	6	AS,Cc	15.8		20	26		13		35	4	0	83		FAROUK (Airport)
20	9	12	03	1	6	CS	15.0	-0.7	20	26	-2	15	+1	35	4	0	71		ALMĀZA
00	0	12	02	1	8	CS	14.4	-0.1	19	28	-1	13	-1	49	8	0	61	24	EZBEKIYA
00	0	12	02	1	8	CS	14.6	0.0	17	28	0	9	-2	68	11	0	58	23	GĪZA
70	1	7	00	2	8	AC	15.6	+1.5	21	27	-2	15	+1	33	4	0	59	26	HELWĀN
00	0	35	03	2	7	Ci	14.9	+0.5	19	29	-1	13	0	46	7	0	23	8	FAIYŪM
140	2	8	00	0	0	—	14.3	-1.4	21	29	-1	12	0	26	1	0	5		MINYA
90	3	10	00	0	0	—	14.6	+1.0	21	30	-1	15	+1	28	2	0	3		ASYŪT MANQABĀD
00	0	15	00	0	0	—	15.1	+2.2	20	31	-1	12	-1	41	6	0	0.1		NAG HAMMĀDI
320	1	15	00	0	0	—	15.0	+2.5	22	33	-3	10	-6	21	-1	0	2		QENA
00	0	30	00	0	0	—	14.3	+1.7	22	31		13		23	0	0	dr.		LUXOR
20	2	50	00	0	0	—	15.1	+2.8	23	31	-5	17	-2	18	-3	0	dr.		ASWĀN
140	8	8	06	1	7	Ac	9.8	-5.6	23	31	+1	17	+5	24	1	0	26	8	SĪWA
130	2	35	02	0	0	—	14.7	-0.2	23	31	0	17	+4	38	8	0	1	7	BAHARĪYA
40	1	15	02	0	0	—	14.3		20	33		13		33	3	0	Rain		FARAFRA
00	0	50	00	0	0	—	14.8	+1.1	20	32	-2	14	-1	64	13	0	dr.		DAKHLA
00	0	35	00	0	0	—	14.4	+1.2	19	31	-3	14	-2	37	4	0	dr.		KHARGA
40	1	35	00	0	2	Cu	14.4	+0.3	18	27	-1	11	-4	60	10	0	44	15	SUEZ
60	2	35	02	0	0	—	14.4	+2.2	22			12	-5	44	9	0	1	13	TŌR
350	3	30	02	0	0	—	13.8	+0.4	20	25	0	14	-2	53	10	0	0		HURGHADA
360	5	15	02	0	0	—	13.3	+1.2	24	25	-3	19	-1	38	9	0	dr.	4	QUSEIR
00	0	30	01	0	0	—	13.2		25	29		18		61	17	0	211	95	PORT SŪDĀN
																			WĀDI HALFA
60	4	30	02	0	1	Ci			25	34		15		18	-1	0			ABU HAMAD
60	4	30	02	0	7	CS	12.0		21	34		17		18	-4	0	dr.	1	KAREIMA
30	5	30	01	2	5	CS	10.8		25	36		14		17	-2	0	dr.	3	ATBARA
																		4	KHARTUM
																		10	KASSALA
																		13	WĀD MEDANI
50	2	35	02	0	3	Ci	9.7		26	40		18		16	-2	0		53	RENK
																		46	ROSEIRES
20	12	30	02	0	1	Ci	9.9		25	35		16		6	-15	0	15	17	EL OBEID
																		6	EL FASHER
50	8	50	03	0	1	Ci			20	35		15		10	-13	0		6	GENEINA
130	3	30	01	1	2	CS	9.3		29	39		20		43	15	0	130	109	MALAKĀL
200	2	30	03	2	8	Ac,CS	8.4		25	38		20		51	14	0	230	206	WĀU
180	4	30	60	6	8	AC	9.9		23	29		22		83	20	2	Rain	247	JUBA

Humidity

Station	16th	Diff. from normal
Alexandria	72	+5
Ezbekiya	38	-16
Giza	47	-9
Helwan	36	-5

GIZA
Grass Minimum Temp.
17th 8.0 °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 16th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	148			330	8
950					
900					
850	1531	10		280	13
800					
700	3119	1		310	21
600					
500	5753	-13		310	42
400	7413	-25		310	83
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 16th

Station	Matruh Dir.	Matruh Vel.	El Arish Dir.	El Arish Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14	15	14		14		14		14		14		20	
300	100	15	300	9	310	10	10	8	330	11	150	28	90	4	110	18	30	9
600	150	10	280	9	320	9	10	13	320	9	150	25	100	6	160	18	40	9
1000	170	8	270	14	310	15	20	16	320	12	140	16	70	7	160	20	40	9
1500	140	3	350	3	310	17	350	10	330	10	150	25			40	11	50	7
2000	330	7	340	10	300	16			300	7	150	15			280	12		
3000					300	10			340	15	300	5			290	33		
4000					300	13			340	32	330	13						
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 17th

Station	Sīdi Barāni Dir.	Sīdi Barāni Vel.	Matrūh Dir.	Matrūh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Saīd Dir.	Port Saīd Vel.	El Arish Dir.	El Arish Vel.	Helwān Dir.	Helwān Vel.	Minya Dir.	Minya Vel.	Manqabād Dir.	Manqabād Vel.	Luxor Dir.	Luxor Vel.	Aswān Dir.	Aswān Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time			8				3				6		2		8		8	15	8				4	15
300			120	28			100	14			140	7	90	15	60	3	90	2	130	4			100	13
600			120	26			80	12			130	7	80	4	150	3	60	2	90	10			100	10
1000			130	51			90	14			70	7	270	3	80	5	40	12	80	12			70	7
1500											330	9	320	5	260	8	360	8	90	15			310	15
2000											330	10			350	6	40	5	20	17			320	28
3000											330	29							40	16			300	18
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sīwa Dir.	Sīwa Vel.	Baharīya Dir.	Baharīya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wādi Halfa Dir.	Wādi 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.	Malakāl Dir.	Malakāl Vel.
Time	8		8		8								4						4		5		4	
300	190	21	240	15	110	9																		
600	200	33	240	10									50	20							20	10	150	8
1000	210	56	250	17									70	23					30	31	70	28	150	7
1500	210	59	340	27									70	25					40	17	110	12	70	12
2000			230	26									30	6					130	6	50	8	50	4
3000													350	10					230	8				
4000																								
5000																			180	3				
6000																			230	6				
7000																								
8000																								

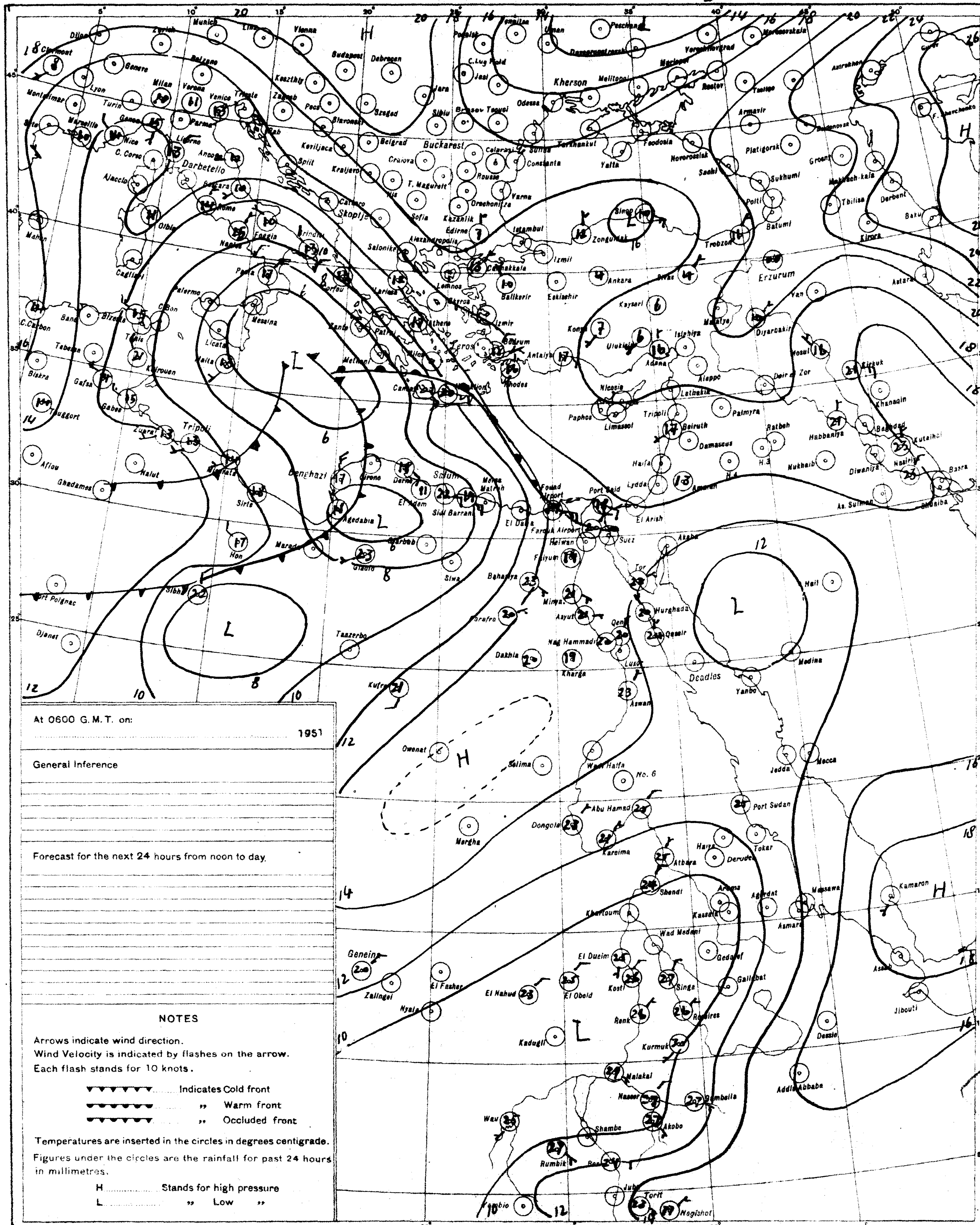
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Thursday 17-4-1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 25 G.M.T.

" " Sunset 16 24 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 18th April, 1951

At 1200 on Thursday 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	220	9	35	02	1	8	Cs	5.5	32	24	9
	303	SIDI BARANI	180	8	10	02	2	8	As	6.7	29	11	-4
	306	MATRUH	140	25	2	07	3	8	As	9.7			-6
	309	EL DABA	110	3	35	03	2	8	St		27	19	1
		ALEXANDRIA	130	13	35	04	2	8	As	12.7	25	22	2
	318	FOUAD (Airport)	110	19	18	02	2	8	Ac	12.5	24	28	4
	330	DAMIETTA	40	5	7	03	2	8	As	14.7	20	73	15
	333	PORT SA'ID	80	16	30	03	1	7	Ci	14.7	14	73	14
	336	EL 'ARISH	40	6	30	03	1	3	Ci	14.5	20	64	13
Lower Egypt	339	DAMANHUR	130	13	15	02	1	7	Ac	13.1	25	28	5
	342	MANSURA	40	5	35	03	2	8	As	15.1	27	27	6
	348	TANTA	90	2	35	03	2	7	As	14.7	26	25	4
	354	ZAGAZIG	40	2	50	02	0	0	—	12.8	27	33	9
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	20	8	30	03	2	6	Cs	13.2	29	14	-1
	372	ALMAZA	360	12	18	03	2	8	Cs	13.1	29	10	-7
		EZBEKIYA	360	2	18	02	1	8	Cs	13.1	30	14	0
		GIZA	360	2	18	02	1	8	Cs	13.3	30	11	-4
	378	HELWAN											
Upper Egypt	381	FAIYUM	00	0	35	02	2	7	Ci	12.2	32	20	6
	387	MINYA	140	2	8	00	0	0	—	11.3	32	15	2
	393	ASYUT MANGABAD	00	0	30	00	0	0	—	11.6	35	8	-4
	399	NAG' HAMMADI	270	1	35	01	0	4	Cs	13.6	33	16	4
	402	QENA	00	0	50	00	0	0	—	12.3	35	8	-4
	405	LUXOR											
	414	ASWAN	270	2	50	00	0	0	—	10.7	34	10	-2
Oases	417	SIWA	200	12	8	31	3	7	Ac,Cs	8.0	38	7	-4
	420	BAHARIYA	180	3	35	03	1	4	Ac	11.6	35		
	423	FARAFRA	220	5	7	02	0	0	—	11.1	36	11	1
	432	DAKHLA											
	435	KHARGA	00	0	35	00	0	0	—	11.9	34	14	3
Red Sea	450	SUEZ	180	1	50	03	0	4	Cu	12.7	27	40	12
	459	TOR	290	5	50	01	1	1	Ci	12.8	25	47	13
	462	HURGHADA	110	3	30	02	0	0	—	12.4	25	51	14
	465	QUSEIR	20	9	15	02	0	0	—	12.3	25	70	19
	641	PORT SUDAN											
Sudan	570	WADI HALFA	40	18	50	01	0	0	—	9.4	34	5	-10
	640	ABU HAMAD	360	3	30	02	0	6			35	11	0
	660	KAREIMA	50	8	30	02	0	0	—	7.9	35	7	-6
	670	ATBARA	40	4	30	05	2	3	Cs	5.9	36	6	-7
	721	KHARTUM	20	9	30	02	0	2	Ci	5.3	37	9	-1
	730	KASSALA	360	3	30	01	1	2	Ci	2.6	38	15	7
Kordofan	771	WAD MEDANI	50	2	35	02	0	2	Ci	5.5	36	9	-2
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	90	4	50	03	0	1	Ci	5.4	34	4	-13
	790	EL FASHER	80	3	30	02	0	1	Ci		34	14	3
	790	GENEINA											
Equatorial Sudan	510	MALAKAL	320	5	30	01	2	6	Ci	6.1	37	16	7
	520	WAU	180	5	30	01	2	6	Ci	4.6	36	17	7
	541	JUBA	110	8	50	01	6	6	Cu,Ac	6.7	28	66	21

At 1800 on Thursday 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	270	5	15	02	2	8	As	6.4	23	50	12	0
SIDI BARANI	150	4	14	02	2	8	Cc	7.0	22	41	8	0
MATRUH	180	6	10	02	8	8	As	7.6	27	15	-2	dr
EL DABA	90	10	7	03	2	8	St		24	26	3	0
ALEXANDRIA	130	19	35	01	2	6	Ci	11.9	21	57	12	0
FOUAD (Airport)	100	13	12	02	2	8	Ac	11.7	21	57	12	0
DAMIETTA	40	5	13	02	2	8	As	13.4	18	83	15	0
PORT SA'ID	90	22	14	02	2	8	Cs	12.6	18	68	12	0
EL 'ARISH	90	4	14	02	2	8	As	13.3	18	73	13	0
DAMANHUR	90	9	15	02	1	4	Ci	12.7	20	46	8	0
MANSURA	40	5		03	2	8	As	13.4	18	73	13	0
TANTA	90	2	35	03	2	8	As	13.3	20	73	15	0
ZAGAZIG	40	2	35	02	0	0	—	12.8	20	64	13	0
ISMAILIA												
FAROUK (Airport)	120	10	12	03	2	8	Ci	13.0	25	26	4	0
ALMAZA	90	11	12	03	2	8	As,Ci	12.5	26	25	4	0
EZBEKIYA	00	0	12	02	1	8	Cs	12.5	24	24	2	0
GIZA	00	0	12	02	1	8	Cs	12.8	24	26	3	0
HELWAN												
FAIYUM	00	0	35	03	2	8	Ci	12.8	24	47	12	0
MINYA	00	0	8	00	1	0	—	11.7	25	28	5	0
ASYUT MANGABAD	120	2	10	01	1	1	Ci	13.3	28	13	-3	0
NAG' HAMMADI	00	0	15	00	0	0	—	13.0	28	20	3	0
QENA	00	0	7	00	0	0	—	12.4	27	20	2	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	11.6	29	14	-1	0
SIWA	80	6	6	02	3	7	Ac	7.2	32	11	-2	0
BAHARIYA	00	0	15	01	1	0	—	11.8	27			0
FARAFRA	130	4	7	02	0	0	—	10.3	29	5	-16	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	12.6	27	15	-2	0
SUEZ	00	0	15	01	0	2	Cu	13.4	25	45	12	0
TOR	290	5	35	01	1	0	—	13.5	21	83	18	0
HURGHADA	00	0	12	02	0	0	—	12.3	22	89	20	0
QUSEIR	40	2	15	02	0	0	—	12.3	23	83	20	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Friday 18th April, 1952

Station	Wind 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.	Total From Oct. 1st	Normal From Oct. 1st
SALUM	270	1	15	01	0	0	—	8.6	-5.3	18			17	+4	73	13	0	Rain	
SIDI BARANI	280	20	15	02	2	7	NS	8.6		17	31		16		72	12	0	115	
MATRUH	280	23	18	06	3	2	Ci			19	32		16	+3	73	14	dr.	132	
EL DABA	180	6	15	00	0	0	—			24	29		17		30	5	0	214	
ALEXANDRIA	130	12	35	04	2	4	Ac	6.8	-7.6	20	26	+2	15	0	41	6	0	166	182
FOUAD (Airport)	150	12	18	02	2	5	Ac	7.2	-8.6	23	25	+2	16	+3	34	6	6	Rain	138
DAMIETTA	140	2	7	01	1	7	As	9.8	-4.4	22	21	-2	17	+3	50	11	0	171	102
PORT SA'ID	140	13	14	02	2	6	Ac	8.9	-6.5		21	-1	18	+2			0	92	
EL 'ARISH											21								
DAMANHUR	180	13	7	02	1	6	Ac	7.1	-7.0	18	26	-1	11	-2	64	11	0	87	96
MANSURA	90	5	15	03	2	8	As	7.0	-7.5	21	27	-1	15	+2	41	7	0	62	50
TANTA	220	8	35	03	2	8	As	7.5	-7.1	25	27	-2	15	+3	28	5	0	65	38
ZAGAZIG	40	1	35	02	0	0	—	7.0	-7.5	24	28	-1	13	+1	38	9	0	30	26
ISMAILIA																			
FAROUK (Airport)	180	26	8	05	2	7	Ac	9.0		30	30		22		24	7	0	83	
ALMAZA	180	25	14	02	2	8	As,Ci	8.5	-7.1	29	30	+2	20	+6	11	-4	0	71	
EZBEKIYA	180	2	12	02	1	7	Ci	8.6	-5.8	29	31	+2	19	+5	19	3	0	61	24
GIZA	180	2	12	02	1	7	Ci	9.0	-5.5	27	30	+1	17	+6	27	6	0	58	23
HELWAN																			26
FAIYUM	00	0	15	03	2	6	Ci	9.0	-5.3	28	32	+2	18	+5	27	7	0	23	8
MINYA	160	8	10	03	0	5	Cu,Sc	10.7	-5.0	24	33	+3	18	+6	28	4	0	5	
ASYUT MANGABAD	90	2	6	05	0	0	—	12.2	-1.3	25	36	+5	20	+6	30	6	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	14.0	+1.2	24	34	+2	18	+2	28	4	0	0.1	
QENA	90	1	35	00	0	0	—	13.4	+1.0	25	36	0	16	0	22	2	0	2	
LUXOR																			
ASWAN	360	4	15	00	0	0	—	13.4	+1.2	25	34	-2	19	-1	17	-2	0	dr.	
SIWA	40	13	13	03	0	4	Ci	11.8	-3.5	20	38	+8	18	+6	53	10	0	26	8
BAHARIYA	180	7	15	02	0	0	—	9.5	-5.4	20	36	+5	22	+9	43	7	0	1	7
FARAFRA	180	1	15	02	2	3	Ac	11.0		25	36		17		28	5	0	Rain	
DAKHLA																			
KHARGA	00	0	15	00	0	0	—			21	35	+1	16	0	41	7	0	dr.	
SUEZ	130	3	35	00	0	0	—	10.0	-4.0	24	29	0	17	+2	47	12	0	44	15
TOR	20	2	35	02	0	0	—	12.6	+0.5	24			18	+1	47	12	0	1	13
HURGHADA	00	0	15	02	0	0	—	12.2	-1.1	26	26	+1	16	0	45	13	0	0	
QUSEIR	270	2	15	02	0	0	—	13.8	+1.7		26	-2	19	-1			0	dr.	4
PORT SUDAN	320	8	30	02	0	1	Sc	13.2		25	29		19		58	16	0	211	96
WADI HALFA	00	0	30	02	0	0	—	12.5		24	35		18		19	-1	0	dr.	
ABU HAMAD	50	1	30	02	0	0	—			25	35		16		17	-2	0		
KAREIMA	50	3	30	02	0	0	—	12.0		24	36		19		22	1	0	dr.	1
ATBARA	350	3	30	02	0	0	—	11.4		23	37		16		26	2	0	dr.	3
KHARTUM	40	9	30	01	0	0	—	10.2		26	37		21		18	0	0	0.6	4
KASSALA	230	2	30	02	0	0	—	8.5		27	39		18		40	12	0	49	10
WAD MEDANI	50	2	35	02	1	3	Ci	9.7		27	39		16		8	-10	0	20	13
RENK	00	0	35	02	0	0	—	10.2		27	39		17		33	9	0		53
ROSEIRES																			47
EL OBEID	30	7	50	02	0	0	—	10.1		26	36		18		6	-15	0	15	18
EL FASHER	320	2	30	03	1	3	Ci			29	35		13		8	-9	0	13	6
GENEINA	50	4	30	01	1	2	Ci			29	36		13		6	-13	0		6
MALAKAL	90	1	30	03	1	7	Cs	9.5		31	38		22		38	15	0	130	110
WAU	180	1	30	02	1	4	Ac,Cs	8.9		28	37		24		52	17	0	230	208
JUBA	180	8	30	01	2	2	Ac	10.0		26	31		22		70	20	dr.	Rain	251

UPPER AIR OBSERVATIONS

Aeroplane Ascent

	On 17th	At
Alexandria	66	-1
Ezbekiya	32	-22
Giza	45	-11
Helwan		

GIZA GROUND MINIMUM TEMP. ON 18th 14.3 °C

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							

Remarks

AIRPORT On	At	Pressure 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	Almaza		Minya		Asyut		Kharga		Dakhla		Siwa		El Arish		S. Barani								Minya		Almaza	
Time	14		14		14		14		14		14		14		14								20		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	70	8	120	2	140	2	140	4	10	9	230	13	350	7	220	16							130	16	180	16
600	70	7	150	2	210	3	140	4	90	8	230	17	190	6	220	18							170	16	210	16
1000	170	6	140	2	230	3	150	4	90	11	240	15	210	7	240	12							180	15	240	20
1500	190	7	220	2	180	8	190	2			220	16	240	9	240	26							200	24	250	17
2000	260	12	150	2	290	3	180	3			210	8													260	19
3000	280	26			300	17					240	12														
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Almaza	
Time	8		4				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.
300	290	26	280	33			170	23					330	13							190	30
600	290	30	290	14			160	16					140	21							200	40
1000			290	23			180	21					120	38							220	38
1500			250	22			180	16					180	27							310	17
2000			220	26			210	15													230	30
3000							220	21														
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																	
Height m.	Dir.	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	10	180	10																
600					110	10	180	15																
1000					120	10	170	17																
1500							210	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.

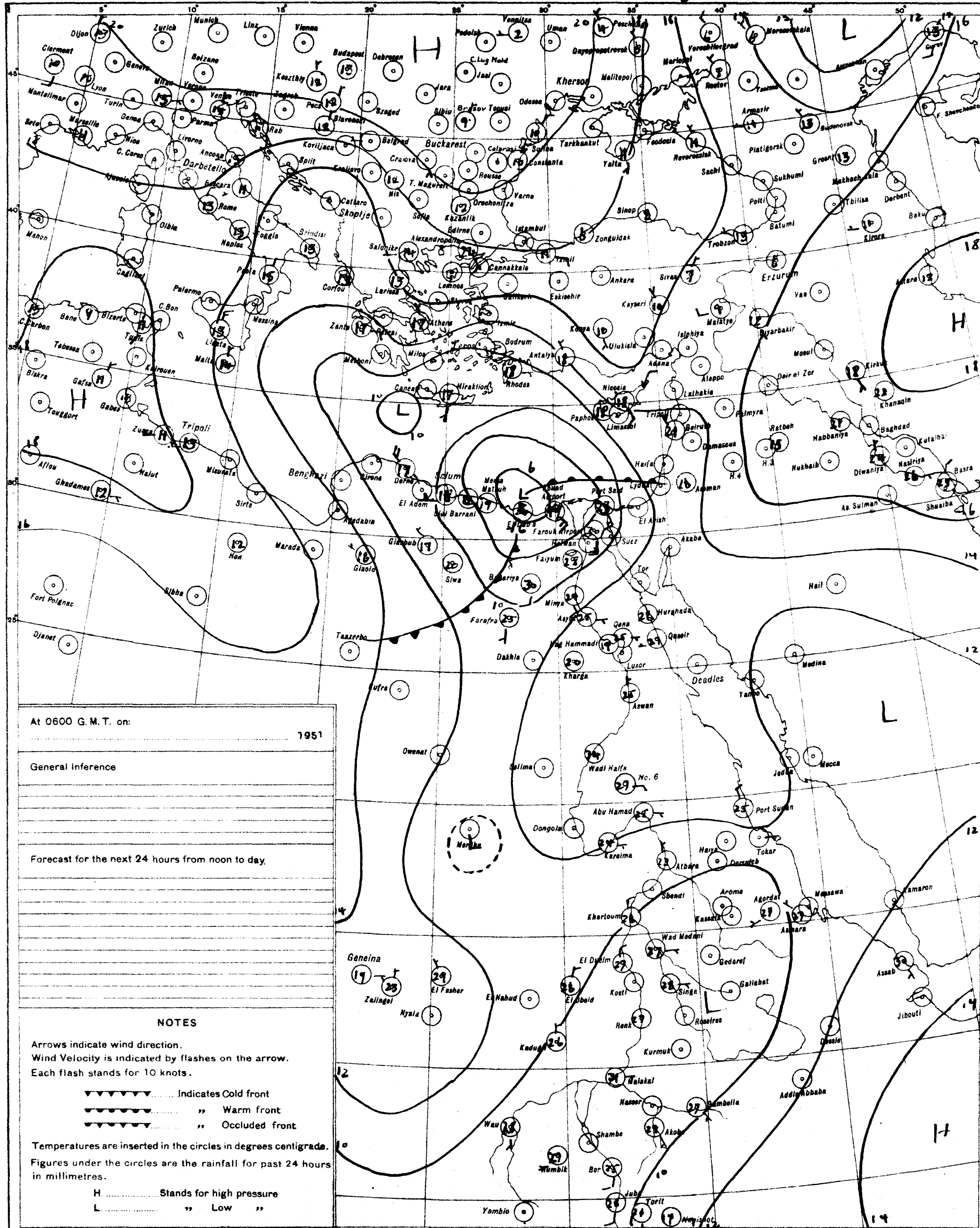
Printed by the Survey of Egypt 1949 (49/557)-(50/931)

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 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 } 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

SCALE 1:15,000,000

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

CAIRO

Time of Sunrise 03 24 G. M. T.

„ „ Sunset 16 24 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 19th April, 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	SALÛM	290	13	35	02	0	0	—	8.6	24	41	10
	303	SÎDI BARÂNI	290	20	7	02	2	1	NS	9.0	20	60	12
	306	MATRÛH	300	26	10	07	3	0	—	8.2	21	65	14
	309	EL DABʼA	320	17	35	00	0	0	—		21	65	14
		ALEXANDRIA	270	22	50	01	2	3	Ci	7.1	20	73	15
	318	FOUAD (Airport)	240	25	6	05	3	7	Ac, Cs	6.3	22	61	14
	330	DAMIETTA	200	13	7	07	5	8	AS	5.3	33	16	4
	333	PORT SAʼID	180	23	3	02	6	8	AC	4.1	30	29	10
	336	EL ʼARISH	50	12	3	06	4	7	Ac, Ci	6.5	28	33	16
Lower Egypt	339	DAMANHUR											
	342	MANSURA	220	24	15	35	3			4.8	35	15	5
	348	TANTA	220	13	35	02	2	8	AS	5.3	34	22	9
	354	ZAGAZIG	40	3	3	34	3	8	Ci	6.4	34	27	12
	441	ISMAʼILIA											
Cairo Area	366	FAROUK (Airport)	220	33	2	07	0	9		6.4	36		
	372	ALMÂZA	230	29	2	09	3	9		5.5	36	4	-14
		EZBEKÎYA	220		15	07	3			5.4	37		
		GÎZA	220		15	07	3			6.4	37	8	-3
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	12		09	3	8	AS	7.5	36	6	-7
	387	MINYA	220	15	8	02	2	7	Ac	6.7	38	6	-6
	393	ASYÛT MANQABÂD	200	13	12	03	2	7	As, Cs	8.1	39	5	-8
	399	NAGʼ HAMMÂDI	90	1	35	01	0	2	Cs	10.3	36	17	7
	402	QENA											
	405	LUXOR	00	0	30	00	0	0	—	9.5	38	10	1
	414	ASWÂN	00	0	50	00	0	0	—	9.6	35	8	-4
Oases	417	SÎWA	260	17	8	02	0	0	—	11.4	29	23	6
	420	BAHARÎYA	270	3	35	02	1	4	Ac	9.0	33	50	21
	423	FARAFRA	320	10	7	02	2	0	—	10.8	34	32	15
	432	DAKHLA											
	435	KHARGA	00	0	7	07	0	0	—	9.5	39	17	10
Red Sea	460	SUEZ											
	469	TÔR	180	9	35	03	0	1	Ci	9.1	30	46	17
	462	HURGHADA	110	8	30	02	0	0	—	9.5	27	45	14
	465	QUSEIR	160	5	15	02	0	0	—	11.6	27	62	19
	641	PORT SUDÂN	40	13	30	02	0	0	—	9.5	29	55	19
North Sudan	600	WÂDI HALFA	110	3	10	05	0	0	—	7.8	38	9	-1
	640	ABU HAMAD											
	660	KAREIMA	20	26	30	02	0	0	—		37	10	0
	680	ATBARA	360	8	30	02	0	0	—	4.8	37	5	-8
	721	KHARTÛM											
	730	KASSALA	340	2	30	02	0	0	—	2.2	39	14	7
Central Sudan	751	WÂD MEDANI											
	901	RENK											
	802	ROSEIRES											
	771	EL OBEID	320	3	50	02	0	1	Ci	4.9	37	6	-7
	760	EL FASHER	00	0	30	02	1	1	Ci		36	12	2
	700	GENEINA	250	5	30	03	1	5	Ci		37	4	-13
S. Sudan	840	MALAKÂL	90	2	30	02	2	7	Cu, Cs	3.9	38	19	11
	880	WÂU	110	5	30	03	2	8	Cu, Ac	4.0	37	24	13
	941	JUBA	130	5	50	03	1	4	Cb, Ac	4.6	35	44	21

At 1800 on Friday 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	340	9	15	02	0	0	—	11.2	18	73	13	0
SÎDI BARÂNI	310	16	14	03	1	3	NS	10.7	17	72	12	0
MATRÛH	280	16	10	03	1	5	AC	11.0	17	77	13	0
EL DABʼA	290	23	7	01	1	3	Cu		17	88	15	0
ALEXANDRIA	270	27	35	00	0	0	—	8.2	17	88	15	0
FOUAD (Airport)	290	24	12	02	0	0	—	7.8	17	83	14	0
DAMIETTA	270	9	7	00	0	0	—	7.9	20	97	20?	dr.
PORT SAʼID	280	19	7	01	2	3	AC	5.4	20	56	11	dr.
EL ʼARISH												
DAMANHUR	270	9	15	02	0	0	—	8.4	17	68	11	0
MANSURA	90	9		00	3	0	—	7.6	21	50	10	0
TANTA	270	2	35	01	2	4	Cu	7.8	18	83	15	0
ZAGAZIG	00	0	35	02	3	0	—	8.3	22	57	13	0
ISMAʼILIA												
FAROUK (Airport)	290	7	10	01	2	3	Ci	9.1	24	36	8	0
ALMÂZA	280	10	12	03	2	7	AS, Ci	8.8	24	32	6	0
EZBEKÎYA	350	2	7	06	2			9.1	24	36	8	0
GÎZA	350	2	7	06	2			8.8	24	32	6	0
HELWÂN												
FAIYÛM	360	6	7	02	2	8	AS	8.7	27	27	6	0
MINYA	320	5	14	02	2	8	AC	8.7	28	19	2	0
ASYÛT MANQABÂD	300	11	10	01	1	3	AC	9.3	30	16	1	0
NAGʼ HAMMÂDI	00	0	15	00	0	0	—	9.8	25	47	13	0
QENA	00	0	7	00	0	0	—	9.3	30	31	11	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	9.0	33	12	0	0
SÎWA	290	10	8	01	2	0	—	11.9	24	47	12	0
BAHARÎYA	270	2	15	02	1	0	—	10.4	26	55	16	0
FARAFRA	320	2	7	02	0	0	—	11.2	27	42	13	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	11.8	30	16	1	0
SUEZ	360	2	15	01	0	0	—	6.8	27	27	6	0
TÔR	180	9	35	01	2	4		8.8	25	54	15	0
HURGHADA	130	4	15	02	0	0	—	8.1	24	54	14	0
QUSEIR	120	2	15	02	0	0	—	9.5	25	70	14	0

At 0600 on Saturday 19th April, 1952

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	Total from Oct. 1st	Normal from Oct. 1st	Station
290	25	15	00	0	0	—			17	25	-1	14	+1	64	10	0	Rain		SALUM
310	8	15	02	1	5	Cu, Sc	12.9		17	23		15		72	12	0	115		SÎDI BARÂNI
290	14	18	03	0	4	Cu, Sc	12.8	-1.8	18	22		15		73	13	0	132		MATRÛH
290	24	15	03	1	7	St			18			15		83	15	0	214		EL DABʼA
310	19	50	00	0	0	—	11.0	-3.4	18			16	+1	83	15	0	166	182	ALEXANDRIA
300	15	18	02	0	0	—	10.5	-5.2	19	25	+2	16	+3	73	14	0	Rain	138	FOUAD (Airport)
270	5	15	02	0	0	—	10.2	-4.0	19	33	+10	15	+1	73	14	dr.	171	102	DAMIETTA
250	19	14	03	1	6	Sc	8.1	-7.2	19	30	+8	16	0	73	14	dr.	92		PORT SAʼÎD
260	14	3	06	4	8	Cu, Sc	8.3	-5.5	19			16		64	12	dr.	101		EL ʼARISH
270	13	15	02	0	0	—	10.4	-3.7	19	29	+2	15	+2	64	12	0	87	97	DAMANHÛR
270	3	35	00	0	0	—	10.2	-4.3	20	36	+8	15	+2	64	13	0	62	50	MANSÛRA
270	2	35	02	0	0	—	10.7	-3.8	19	36	+7	15	+3	73	14	0	65	38	TANTA
00	0	35	02	0	0	—	10.7	-3.8	20	35	+6	15	+3	73	15	0	30	26	ZAGAZIG
																			ISMAʼILIA
290	12	14	01	2	3	Sc	12.1		18	36		14		78	14	0	83		FAROUK (Airport)
270	14	12	03	1	0		11.5	-4.1	17	36	+8	15	+1	72	12	0	71		ALMÂZA
320	5	12	02	1	3	Cu	11.5	-2.9	19	37	+8	15	+1	64	12	0	61	24	EZBEKÎYA
320	5	12	02	1	3	Cu	11.4	-3.0	20	37	+8	15	+4	56	11	dr.	58	23	GÎZA
																		26	HELWÂN
360	9	35	01	1	3	St			19	37	+7	15	+2	64	12	0	23	8	FAIYÛM
360	8	8	00	1	1	AC	12.7	-2.9	21	39	+9	16	+4	50	10	0	5		MINYA
310	10	10	00	0	0	—	12.6	-0.9	22	40	+9	18	+4	47	10	0	3		ASYÛT MANQABÂD
00	0	15	01	0	3	Cs	11.4	-1.3	24	37	+5	18	+4	54	14	0	0.1		NAGʼ HAMMÂDI
00	0	15	00	0	0	—	10.4	-1.9	27	39	+3	20	+3	33	9	0	2		QENA
00	0	4	05	0	0	—	10.0	-2.5	28			21		22	4	0	dr.		LUXOR
20	3	50	00	0	0	—	10.0	-2.1	27	39	+3	23	+3	20	2	0	dr.		ASWÂN
300	3	14	00	0	0	—	15.0	-0.3	16	30	0	14	+1	77	12	0	26	8	SÎWA
320	5	35	02	0	0	—	13.5	-1.3	20	35	+4	16	+3	56	11	0	1	7	BAHARÎYA
360	2	15	02	2	6	AC	13.5		21	35		18		65	14	[illegible]	Rain		FARAFRA
																			DAKHLA
00	0	7	00	0	0	—	11.5	-1.5	25	39	+5	19	+3	34	8	0	dr.		KHARGA
310	2	35	00	0	0	—	9.6	-4.4	19	32	+3	17	+2	64	12	0	44	15	SUEZ
360	5	50	00	1	0	—	9.0	-3.1	27			22	+5	42	13	0	1	13	TÔR
340	16	18	01	2	5	Sc	8.9	-4.3	23	31	+6	17	+1	57	14	0	0		HURGHADA
360	2	15	03	1	5	As	8.9	-4.3	23	29	+1	21	+1	53	13	0	dr.	4	QUSEIR
																		96	PORT SÛDÂN
00	0	15	05	0	0	—	10.2		27	39		21		17	0	0	dr.		WÂDI HALFA
20	1	30	02	0	0	—			28	38		20		14	-2	0			ABU HAMAD
70	3	30	02	0	0	—	8.9		27	38		21		28	7	0	dr.	1	KAREIMA
																		3	ʼATBARA
10	6	30	01	0	6		7.4		29	39		20		19	3	0	0.6	4	KHARTÛM
320	15	30	02	0	0	—	5.8		29	40		23		43	15	0	49	10	KASSALA
50	9	35	02	1	3	Ci	6.8		28	39		16		10	-6	0	20	13	WÂD MEDANI
360	5	35	02	0	0	—	7.4		25	41		19		45	12	0		53	RENK
230	2	35	02	0	0	—	8.6		26	41		20		18	-8	0	92	47	ROSEIRES
20	6	50	03	0	0	—	7.7		27	38		18		8	-10	0	15	18	EL OBEID
320	3	30	02	0	0	—			21	37		13		17	-5	0	13	6	EL FÂSHER
																		6	GENEINA
120	7	30	03	1	4	CS	7.2		30	39		24		19	4	0	130	111	MALAKÂL
																		210	WÂU
																		255	JUBA

Humidity minimum of day

Station	On 18th	Diff. from normal
Alexandria	62	-5
Ezbekiya	16	-37
Giza	27	-28
Helwan		

GIZA Grass minimum temp. on 19th 13.5

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 ... 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 18th

Station	Port Said		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		El Arish		S. Barani								Minya	
Time	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	230	16	260	12	250	26	300	42	260	17	190	16	140	23	40	16	300	25							290	13
600	210	8	260	16	260	17	300	40	260	15	200	21	130	24	330	16	280	30							290	10
1000	230	13	260	13	250	12	300	44	250	20	200	23	150	20	220	39	280	30							280	10
1500					250	22	300	44					210	13	310	35									300	4
2000																										
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʼîd		El Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada			
Time	8		4		8		3						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	320	12	320	17	290	36	240	16					330	8					10	5	330	25		
600	330	10	290	13	320	18	260	24					340	10					10	16	300	17		
1000	340	10	350	16	340	14	280	31					330	15					360	13	300	22		
1500	340	12	300	19			280	35					360	20					300	9				
2000																			290	13				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	8		8		8		8		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	350	8	40	11	20	12	360	17	50	7														
600	360	7	30	12	20	14	350	18	30	13													10	25
1000	350	9	20	13	20	17	330	18	30	15													360	29
1500	330	19	10	14	10	9	270	14	20	16											50	13	360	11
2000	320	18	360	17			250	21																
3000																					310	1	180	1
4000																					220	7		
5000																					300	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.

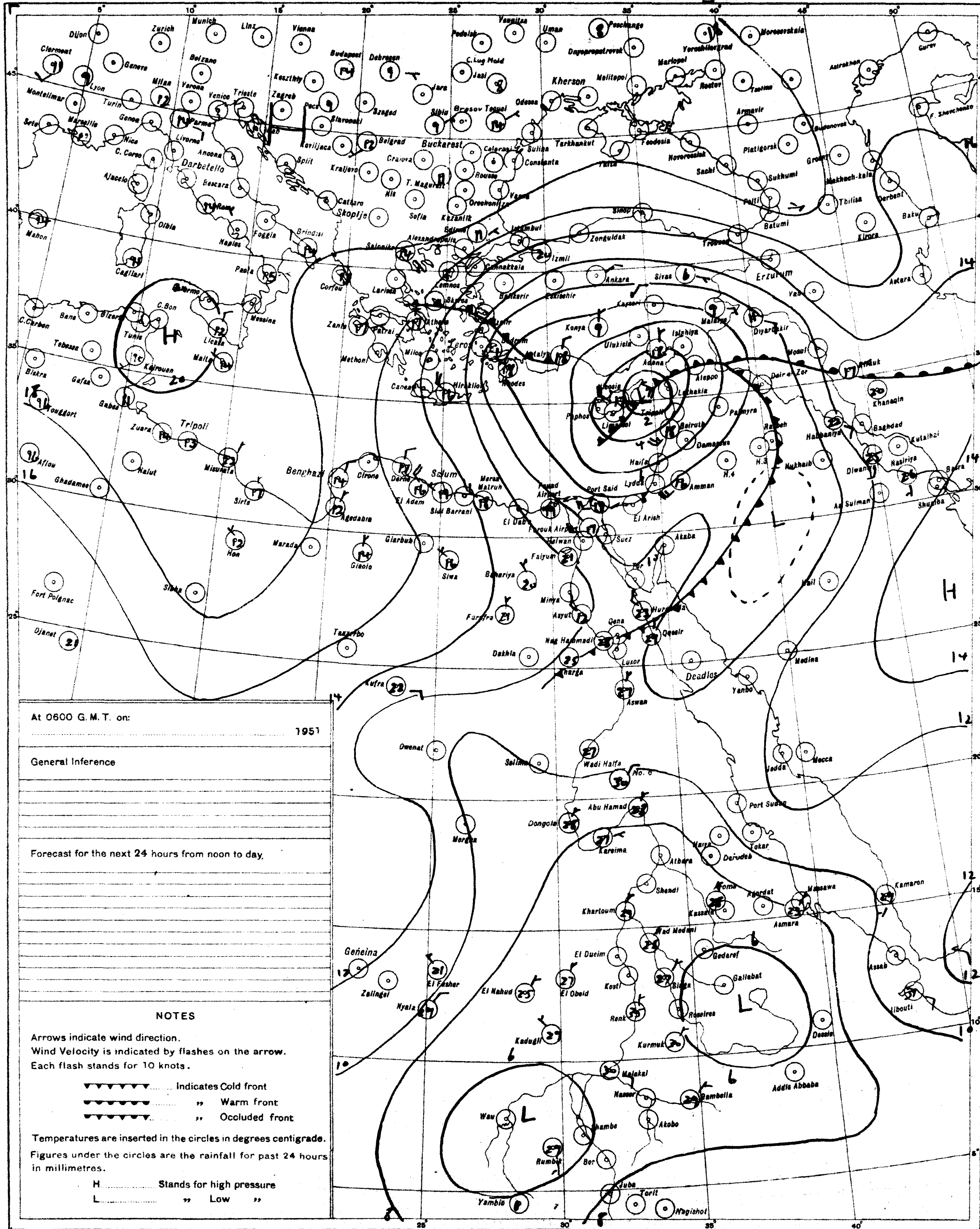
Note: All times are G.M.T.

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 Saturday 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
  - 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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 23 G.M.T.

" " Sunset 16 25 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 20th April, 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	SALÛM											
	303	SÎDI BARÂNI	300	8	18	02	0	0	—	12.5	19	64	12
	306	MATRÛH											
	309	EL DABA	320	21	35	00	0	0	—		20	64	13
		ALEXANDRIA	310	20	50	00	0	0	—	11.5	20	64	13
	318	FOUAD (Airport)	270	14	18	02	0	1	SC	11.1	21	65	14
	330	DAMIETTA	320	9	35	02	0	0	—	10.2	22	50	11
	333	PORT SA'ID	340	18	14	02	0	1	SC	8.6	21	69	15
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	1	1	Cu	10.6	23	50	12
	342	MANSURA	320	13	35	02	1	2	Cu	9.6	26	37	10
	348	TANTA	360	5	35	01	1	4	SC,Cu	10.6	26	30	7
	354	ZAGAZIG	00	0	50	03	1	3	Cu	11.4	26	48	14
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	290	16	18	02	2	4	SC	10.0			10
	372	ALMAZA	290	8	30	03	1	5	SC	10.2	25	34	8
		EZBEKIYA	320	4	18	02	1	4	Cu	10.2	26	35	9
		GIZA	320	4	18	02	1	4	Cu	10.3	26	30	7
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	00	0	35	01	0	0	—	10.7	27	27	6
	387	MINYA	280	11	12	00	0	0	—	9.5	30	27	10
	393	ASYÛT MANQABÂD	340	12	12	01	0	1	CS	9.6	30	29	10
	399	NAG' HAMMÂDI	220	2	35	01	1	6	ACC	9.6	32	28	11
	402	QENA	270	1		02	1	5	AC	8.8	36	17	7
	405	LUXOR	320	6	15	00	0	0	—	8.4	35	13	3
	414	ASWÂN	340	8	50	00	0	0	—	6.7	38	3	-14
Oases	417	SÎWA	280	12	14	00	0	0	—	14.0	25	34	8
	420	BAHARÎYA	320	2	35	02	0	0	—	11.5	27	55	17
	423	FARAFRA	320	3	15	02	2	0	—	11.8	29	40	14
	432	DAKHLA											
	435	KHARGA											
Red Sea	450	SUEZ											
	459	TÛR	310	5	50	02	0	0	—	9.0			12
	462	HURGHADA	360	2	30	03	1	5	SC,Cs	7.8	26	58	17
	465	QUSEIR	20	5	15	01	1	3	As	8.3	26	74	21
	641	PORT SÛDÂN											
Sudan	620	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM											
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	811	RENK											
	302	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

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.
SALÛM	290	9	15	00	0	0	—	12.6	17	68	11	0
SÎDI BARÂNI	310	10	18	03	0	1	SC	11.4	16	72	11	0
MATRÛH	70	6	12	00	0	0	—	12.2	16	77	12	0
EL DABA	320	7	7	00	0	0	—		17	77	13	0
ALEXANDRIA												
FOUAD (Airport)	300	10	12	02	0	0	—	11.2	17	83	14	0
DAMIETTA	320	2	7	02	0	0	—	11.0	17	77	13	0
PORT SA'ID	300	16	14	02	0	0	—	9.6	18	78	14	0
EL 'ARISH	270	15	7	00	0	0	—	10.1	18	83	15	0
DAMANHUR	360	9	15	02	0	0	—	11.5	17	68	11	0
MANSURA	320	5		00	1	0	—	10.8	18	73	13	0
TANTA	360	2	35	01	1	4	Cu	11.6	17	77	13	0
ZAGAZIG	320	1	35	02	1	0	—	11.6	18	73	13	0
ISMA'ILIA												
FAROUK (Airport)	340	7	12	00	0	0	—	11.8	20	56	11	0
ALMAZA	320	11	12	00	1	0	—	11.1	20	46	8	0
EZBEKIYA	360	2	12	00	0	0	—	11.4	20	49	9	0
GIZA	360	2	12	00	0	0	—	11.6	19	46	7	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	11.0	22	44	9	0
MINYA	360	2	8	00	0	0	—	10.7	20	46	8	0
ASYÛT MANQABÂD	280	3	10	00	0	0	—	10.0	22	41	8	0
NAG' HAMMÂDI	00	0	15	00	1	0	—	9.3	23	61	15	0
QENA	00	0	7	02	1	5	AC	8.4	28	27	7	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	7.0	33	8	-5	0
SÎWA	270	6	8	00	0	0	—	13.0	22	36	6	0
BAHARÎYA	00	0	15	02	0	0	—	12.0	23	61	15	0
FARAFRA	360	4	15	02	2	2	Cu	11.5	22	50	11	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	10.3	28	22	4	0
SUEZ	360	3	15	01	0	0	—	9.4	21	53	11	0
TÛR	310	9	35	02	0	0	—	8.0	23	53	13	0
HURGHADA	350	2	12	00	1	0	—		25	61	17	0
QUSEIR	90	2	15	02	1	3	As	7.9	26	74	21	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 20th April, 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	290	9	15	00	0	0	—	10.8	-3.0	17	27	+1	14	+1	68	11	0	Rain	
SÎDI BARÂNI	310	9	18	02	1	2	SC	10.7		17	20		14		72	12	0	11.5	
MATRÛH	270	7	15	00	0	0	—	11.0	-3.6	17	21		10		83	14	0	132	
EL DABA	00	0	15	03	2	6	SC,Cu			16	20		11		88	14	0	214	
ALEXANDRIA	310	11	50	03	1	4	Cu	10.4	-3.9	17			15	0	77	13	0	166	182
FOUAD (Airport)	320	9	14	03	1	5	SC	9.9	-5.7	18	21	-2	15	+1	78	14	0	Rain	138
DAMIETTA	290	2	15	00	0	0	—	9.9	-4.3	18	22	-1	12	-2	73	13	0	171	102
PORT SA'ID	250	10	10	03	0	5	SC	9.0	-6.2	17	24	+2	16	-1	83	14	0	92	
EL 'ARISH											22								
DAMANHUR	310	9	7	02	1	1	Cu	10.0	-4.1	18	24	-3	11	-2	83	15	0	87	97
MANSURA	220	5	35	00	0	0	—	10.6	-3.9	17	27	-1	12	-1	77	13	0	62	50
TANTA	220	2	35	03	2	6	Cu	10.4	-4.1	16	27	-2	10	-2	88	14	0	65	38
ZAGAZIG	00	0	35	02	2	8	Cu	11.1	-3.4	16	27	-2	12	0	88	14	0	30	26
ISMA'ILIA																			
FAROUK (Airport)	270	9	8	05	1	2	Cu	11.5		18	28		13		77	13	0	83	
ALMAZA	220	6	12	02	1	1	Ci	11.1	-4.4	16	26	-3	14	0	77	12	0	71	
EZBEKIYA	00	0	12	00	0	0	—	10.7	-3.6	18	27	-2	14	0	73	13	0	61	24
GIZA	00	0	12	00	0	0	—	10.6	-3.8	18	28	-1	11	0	73	13	0	58	24
HELWAN	00	0	15	02	0	1	St	11.6	-2.3	17			14	-1	68	11	0	59	27
FAIYÛM	00	0	35	02	0	0	—	11.5	-2.6	18	28	-3	13	-1	60	10	0	23	8
MINYA											31	+1	15	+3		10	0	5	
ASYÛT MANQABAD	360	2	12	00	0	2	Cs	9.7	-3.7	21	31	0	16	+1	50	10	0	3	
NAG' HAMMADI	00	0	15	02	1	4	AC	10.3	-2.4	21	32	-1	15	+1	57	12	0	0.1	
QENA	00	0	15	03	1	7	Ci	9.8	-2.4	25	37	+1	18	+1	34	8	0	2	
LUXOR	00	0	20	03	2	0	—	9.6	-2.8	27			19		25	5	0	dr.	
ASWAN	340	6	50	00	0	0	—	9.4	-2.7	26	39	+3	22	+2	25	4	0	dr.	
SÎWA	340	3	14	00	0	0	—	13.5	-1.7	17	26	-4	14	+2	64	10	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	10.8	-3.9	21	28	-3	17	+4	65	14	0	1	7
FARAFRA	180	3	15	02	2	4	AC	10.8		21	30		16		41	7	0	Rain	
DAKHLA																			
KHARGA	00	0	15	00	0	0	—	10.3	-2.6	21	34	0	18	+2	33	4	0	dr.	
SUEZ	40	2	35	00	0	3	Cu	9.9	-4.0	19	29	0	12	-4	64	12	0	44	16
TÛR	310	9	35	03	1	6	Cu,AC	8.4	-3.6	22			20	+3	65	15	0	1	13
HURGHADA	340	8	15	02	0	0	—	8.6	-4.4	22	27	+2	18	+2	57	13	0	0	
QUSEIR	360	5	15	03	1	4	As	8.3	-3.6	24	28	0	21	+1	54	14	0	dr.	4
PORT SÛDÂN	00	0	30	01	2	3		7.6									0	211	96
WÂDI HALFA																			
ABU HAMAD	360	5	50	02	2	8	Cs			30	41		24		16	1	0		
KAREIMA																			1
'ATBARA	10	8		00	0	1	Cs				40		23			13	0	dr	3
KHARTUM																			4
KASSALA																			10
WAD MEDANI																			13
RENK																			54
ROSEIRES																			48
EL OBEID																			18
EL FASHER																			6
GENEINA																			6
MALAKÂL																			112
WÂU																			212
JUBA																			259

HUMIDITY

Mean % of day

STATION	on 19th	Diff. from normal
Alexandria	78	+10
Ezbekiya	52	-1
Giza	51	-4
Helwan	54	+14

GIZA

GRASS MINIMUM TEMP

ON 20th 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 ..... At .....

Pressure 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 19th

Station	S. Barani		Matruh		Port 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	300	15	300	14	300	23	310	24	310	11	290	13	170	16	360	23										
600	310	15	300	16	300	17	310	20	310	11	300	18	340	13	320	30										
1000	310	10	300	7	290	23	310	24	300	14	300	18	340	10	60	4										
1500	310	12	290	13	280	20	310	19	290	28	300	16	330	22												
2000	300	23	290	15	270	22	290	10	280		310	14														
3000			280	20	270	41					300	24														
4000											290	42														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time	8		8				2						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	13	80	7			270	13					360	3					10	9	340	13		
600	350	5	60	7			290	14					350	4					20	6	340	9		
1000	340	11	60	8			300	16					340	6					340	6	180	17		
1500	350	12	110	10			290	16					350	5					340	12	240	23		
2000	310	7	130	10									340	7										
3000	310	16																						
4000	290	12																						
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																	
Height m.	Dir.	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	30	21	10	8	50	8																
600	300	11	30	17	360	10	60	6																
1000	310	24	40	10	360	8	360	2																
1500	310	25	350	12	360	9	280	3																
2000	300	25																						
3000	290	32																						
4000	290	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.

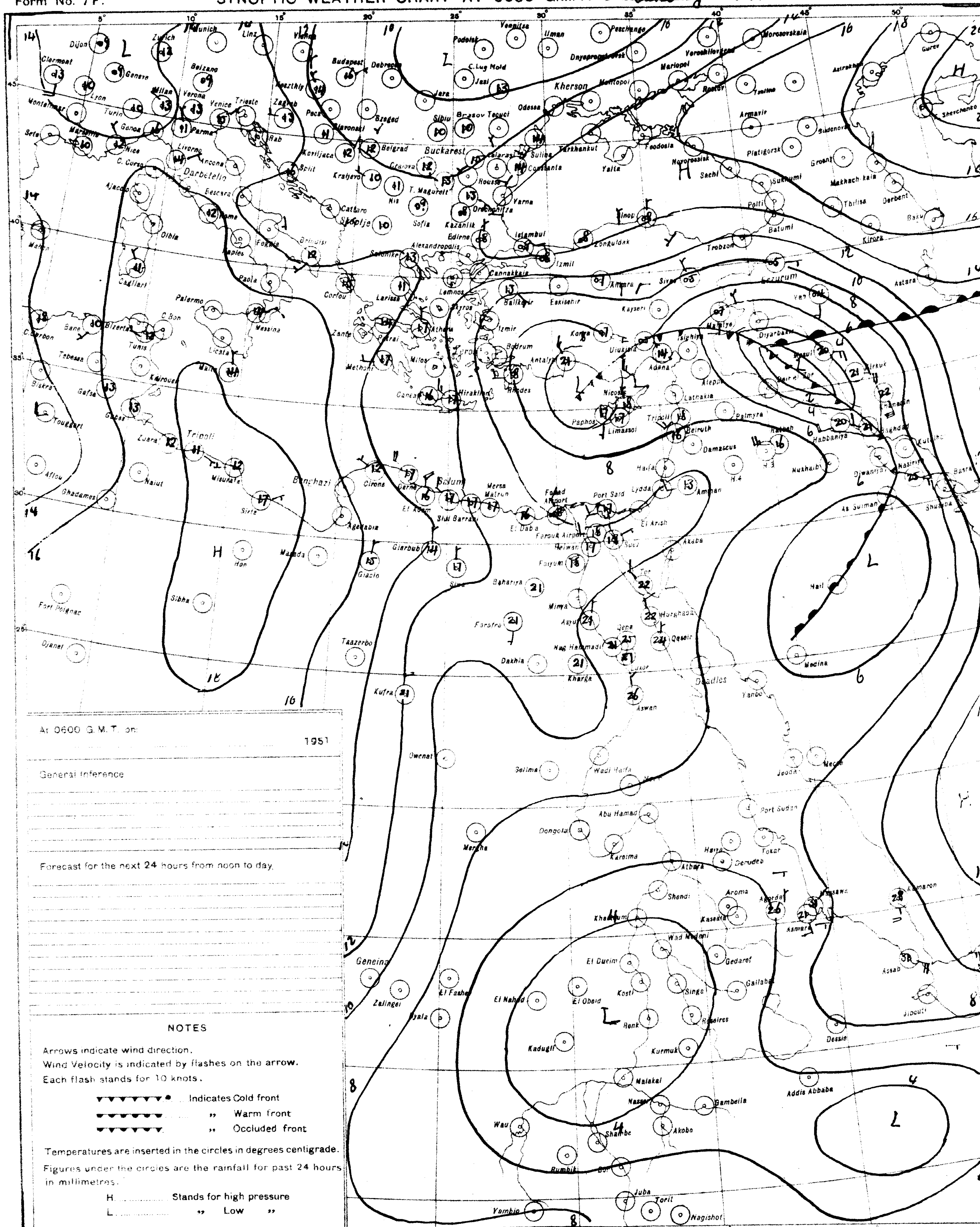
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 20/4/*1951 *(handwritten 2 over 1)*



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 „

S of E 1949(45/557) (50/531)

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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 22 G.M.T.
" " Sunset 16 26 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 21st April, 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	SALUM	20	13	35	03	1	3	Cu	10.6	20	56	11
	303	SIDI BARANI	330	9	18	00	0	0	—	11.0	19	56	10
	306	MATRUH	330	13	18	00	0	0	—	10.8	20	60	12
	309	EL DABA	320	9	35	00	0	0	—		20	56	11
		ALEXANDRIA	360	15	50	00	0	0	—	10.4	19	64	12
	318	FOUAD (Airport)	300	13	18	01	0	1	Sc	10.2	21	57	12
	330	DAMIETTA	320	5	35	02	0	0	—	10.3	20	73	15
	333	PORT SAID											
	336	EL 'ARISH	330	7	30	02	1	1	Cu	9.3	21	65	14
Lower Egypt	339	DAMANHUR	310	9	15	02	1	1	Cu	10.0	23	50	12
	342	MANSURA	320	5	35	02	1	3	Cu	9.4	27	33	9
	348	TANTA	310	5	35	03	2	5	Cu	9.9	25	34	8
	354	ZAGAZIG	00	0	50	01	2	3	Cu	10.3	25	54	15
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	290	9	18	00	0	0	—	9.6	26	32	8
	372	ALMAZA	290	10	18	03	1	1	Cu	9.9	24	32	6
		EZBEKIYA	360	3	18	02	1	1	Cu	9.6	26	28	6
		GIZA	360	3	18	02	1	1	Cu	9.8	27	27	6
	378	HELWAN											
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	11.4	26	30	7
	387	MINYA	360	3	10	60	6	6	Ac	9.2	27	23	4
	393	ASYUT MANGABAD	320	7	10	01	2	3	Ac, Ci	9.2	28	33	10
	399	NAG' HAMMADI	00	0	35	02	1	4	Ac, Ci	8.3	31	28	10
	402	QENA	00	0	35	02	1	7	Ci	7.2	34	22	9
	405	LUXOR											
	414	ASWAN	290	5	50	00	0	0	—	5.4	36	13	4
Oases	417	SIWA	270	11	14	00	0	0	—	12.4	25	28	5
	420	BAHARIYA	320	3	35	02	1	3	Ac		27	28	7
	423	FARAFRA	270	6	35	02	2	5	Ac	10.3	29	18	2
	432	DAKHLA											
	435	KHARGA	360	2	15	03	2	4	Cb	7.1	34	18	6
Red Sea	450	SUEZ	160	5	50	01	0	1	Cu	9.0	24	47	12
	459	TOR	270	5	35	03	1	4	Cu	8.3	27	52	16
	462	HURGHADA	40	3	15	03	0	4	Cs	8.1	24	61	16
	465	QUSEIR	20	9	15	01	1	0	—	9.0	24	84	21
	641	PORT SUDAN	70	12	30	02	0	1	Cu, Ci	5.4			25
Sudan	620	WADI HALFA											
	640	ABU HAMAD	50	6	30	02	0	0	—		40	10	3
	660	KAREIMA	20	5	30	02	1	3	Ci		40	8	0
	680	'ATBARA	50	10	30	01	0	1	Cu	99.8	40	11	4
	721	KHARTUM	300	9	30	02	0	0	—	99.8	40	10	3
	730	KASSALA	230	4	30	02	0	1	Cu	980			2
Kordofan	61	WAD MEDANI	230	9	35	02	1	3	Ci	0.2	41	7	-2
	801	RENK	140	5		02	0	5	Cu		39	20	12
	802	ROSEIRES											
	810	EL OBEID	270		50	03	0	1	Ci	0.3	39	8	-2
	760	EL FASHER	00	0	30	02	0	1	Ci		38	11	3
	770	GENEINA		3	30	01	0	1	Ci		38	6	-6
S. Sudan	841	MALAKAL											
	830	WAU	20	3	30	03	2	8	Cu, Cs	1.2	37	31	17
	841	JUBA											

At 1800 on Sunday 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	340	13	15	00	0	0	—	11.8	17	68	11	0
SIDI BARANI	310	9	18	02	0	0	—	10.8	16	68	10	0
MATRUH	300	6	12	02	0	0	—	11.3	15	68	10	0
EL DABA	00	0	7	00	0	0	—		16	77	12	0
ALEXANDRIA	60	11	35	00	0	0	—	10.6	17	77	13	0
FOUAD (Airport)	360	5	12	02	0	0	—	10.2	16	77	12	0
DAMIETTA	320	5		02	0	0	—	10.3	17	88	15	0
PORT SAID	340	12	12	02	0	0	—	9.4	18	83	15	0
EL 'ARISH												
DAMANHUR	310	9	15	02	0	0	—		16	77	12	0
MANSURA	360	9		00	1	0	—	10.4	18	73	13	0
TANTA	00	0	35	01	1	4	Cu	10.6	17	60	9	0
ZAGAZIG	00	0	35	02	1	0	—	10.6	19	73	14	0
ISMA'ILIA												
FAROUK (Airport)	20	17	12	01	0	0	—	10.4	21	57	12	0
ALMAZA												
EZBEKIYA	360	3	12	00	0	0	—	9.5	21	50	10	0
GIZA	360	3	12	00	0	0	—	10.2	21	50	10	0
HELWAN												
FAIYUM	00	0	35	03	2	6	St	9.1	23	38	8	0
MINYA	00	0	8	00	6	0	—	9.1	22	41	8	dr.
ASYUT MANGABAD	00	0	10	01	2	6	Ac, Cs	8.9	24	38	9	0
NAG' HAMMADI	00	0	15	07	1	5	Cb, Ac, Ci	8.4	24	54	14	0
QENA	270	1	7	01	1	6	Ci	8.2	26	37	10	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	5.4	33	16	4	0
SIWA	320	12	8	00	0	0	—	11.4	23	32	5	0
BAHARIYA	00	0	15	02	1	0	—	10.2	22	57	13	0
FARAFRA	320	4	15	01	2	0	—	10.4	22	44	9	0
DAKHLA												
KHARGA	360	1	15	00	0	0	—	8.5	27	20	2	0
SUEZ	360	8	7	01	0	0	—	9.6	22	57	13	0
TOR	270	5	35	01	2	4	Ac	9.1	23	61	15	0
HURGHADA	00	0	15	02	0	0	—	8.6	22	69	16	0
QUSEIR	360	5	15	03	1	2	As	9.6	24	69	18	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Monday 21st April, 1952

Station	Wind 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	13	15	00	0	0	—	12.4	-1.4	17	22	-4	14	+1	77	13	0	Rain	
SIDI BARANI	310	15	18	02	1	3					20					12	0	115	
MATRUH	280	11	18	01	1	4	Cu	12.4	-4.2	18	21		11		73	13	0	132	
EL DABA	340	4	15	02	1	4	Cu			18	20		10		73	13	0	214	
ALEXANDRIA	360	5	50	03	1	4	Cu	11.9	-2.4	18	19	-5	15	0	60	10	0	166	183
FOUAD (Airport)	300	8	18	01	2	3	Sc	11.2	-4.4	18	21		14	0	60	10	0	Rain	138
DAMIETTA	320	5	15	03	0	1	Cu	11.5	-2.6	17	21	-2	11	-4	77	13	0	171	103
PORT SAID	300	8	12	02	0	3	Sc	10.4	-4.8	18	22	-1	16	-1	73	13	0	92	
EL 'ARISH																			
DAMANHUR	310	9	15	02	1	1	Cu	11.4	-2.7	18	24	-3	11	-2	83	15	0	87	97
MANSURA	270	5	35	00	0	0	—	11.6	-2.8	17	27	-1	11	-2	77	13	0	62	51
TANTA	310	2	35	03	2	6	Cu	11.8	-2.7	18	27	-2	10	-2	60	10	0	64	38
ZAGAZIG	320	1	35	02	0	0	—	12.3	-2.1	17	27	-2	11	-1	77	13	0	30	26
ISMA'ILIA																			
FAROUK (Airport)	340	6	6	05	2	7	Sc	12.3		16	26		13		88	14	0	83	
ALMAZA	350	8	12	03	1	7	Sc	11.7	-3.7	16			14	0	82	13	0	71	
EZBEKIYA	20	2	12	02	1	7	Ac	11.1	-3.2	17	28	-1	14	0	83	14	0	61	24
GIZA	20	2	12	02	1	7	Ac	11.4	-2.9	17	28	-1	12	+1	77	13	0	50	24
HELWAN																			27
FAIYUM	360	6	35	02	0	0	—	12.4	-1.6	17	29	-2	13	-1	77	13	0	23	8
MINYA	360	8	8	00	0	0	—	10.8	-4.7	18	28	-3	12	-1	60	10	dr.	5	
ASYUT MANGABAD	270	3	8	10	0	0	—	10.7	-2.6	19	29	-2	16	+1	56	10	0	3	
NAG' HAMMADI	00	0	15	01	1	2	Ac	9.6	-3.0	22	32	-1	18	+4	47	10	0	0.1	
QENA	00	0	15	00	0	0	—	8.4	-3.7	23	34	-2	19	+2	38	8	0	2	
LUXOR	320	1	30	00	0	0	—	7.8	-4.5	26			17		28	6	0	dr.	
ASWAN	20	5	80	00	0	0	—	6.8	-5.2	24	37	+1	22	+2	38	9	0	dr.	
SIWA	300	3	13	03	0	5	Cu, Sc	15.0	-0.2	14	26	-4	12	-1	88	12	0	26	8
BAHARIYA	360	2	35	02	0	0	—	12.6	-2.0	18	29	-2	13	0	73	13	0	1	7
FARAFRA	360	4	15	02	0	0	—	12.2		19	30		14		52	9	0	Rain	
DAKHLA																			
KHARGA	00	0	15	00	0	0	—	11.1	-1.8	24	34	0	19	+2	21	0	0	dr.	
SUEZ	310	7	35	00	0	0	—	11.2	-2.7	18	25	-4	14	-2	83	15	0	44	16
TOR	320	5	50	01	5	2	Ac	9.6	-2.3	21			18	+1	74	16	dr.	1	13
HURGHADA	360	12	15	21	6	5	Cb	8.6	-4.3	22	26	0	20	+4	57	13	dr.	dr.	
QUSEIR	330	5	15	00	0	3	Ac	8.3	-3.6	24	25	-3	21	+1	47	12	0	dr.	4
PORT SUDAN																			96
WADI HALFA																			
ABU HAMAD	00	0	30	02	0	0	—			29	41		23		33	11	0		
KAREIMA	30	5	10	02	0	0	—	5.7		28	41		22		20	3	0	dr.	1
'ATBARA	20	8	30	02	0	0	—	5.3		31	40		25		36	14	0	dr.	3
KHARTUM	360	9	30	02	0	0	—	4.8		31	41		24		15	1	0	0.6	4
KASSALA																			11
WAD MEDANI	360	9	35	02	1	3	Ci	3.4		31	42		20		16	2	0	20	14
RENK	230	2	35	02	1	3	Ci			30	41		22		13	-1	0		54
ROSEIRES	130	2	35	02	0	0	—	5.2		29	41		23		31	10	0	92	48
EL OBEID	10	3	30	02	0	0	—	5.1		20	40		20		18	-5	0	15	18
EL FASHER	00	0	30	02	0	0	—			23	39		15		20	-1	0	13	6
GENEINA	260	5	30	03	0	8	Cs			23	39		23		32	5	0		6
MALAKAL	360	3	30	02	1	3	Ac, Ci	5.4		31	40		27		46	18	0	130	113
WAU	230	7	30	03	0	4	Ac	6.6		29	38		26		62	21	0	230	214
JUBA	180	4	30	21	6	8	Sc, Ac	7.6		26			25		79	22	0.3	Rain	263

UPPER AIR OBSERVATIONS

Station	On 20th	Diff. from normal
Alexandria	77	+9
Exbakiya	56	+3
Giza	57	+2
Helwan		

GIZA — GRASS MINIMUM TEMP. On 21st. 10.0 °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 20th At 15h Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On ..... At ..... AIRPORT Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On ..... At ..... AIRPORT Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	79	26		330	7	1000						1000					
950						950						950					
900						900						900					
850	1471	12		280	12	850						850					
800						800						800					
700	3055	0		280	22	700						700					
600						600						600					
500	5664	-17		270	59	500						500					
400	7298	-30		270	56	400						400					
300	9283	-46		270	58	300						300					

UPPER WIND OBSERVATIONS on 20th

Station	S. Barani		Matruh				Asyut		Siwa		Dakhla		Kharga		Hurghada		Minya								P. Said	
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	320	17	310	14			330	8	300	17	360	14	10	17	350	10	350	7							340	11
600	310	17	320	13			320	10	300	15	340	16	20	12	350	10	340	3							330	10
1000	340	14	260	13			300	7	320	14	340	11	10	13	300	10	320	6							300	10
1500	290	16	280	12			310	16	320	14	340	9	20	10	290	14	270	11							300	8
2000	310	8	300	17			290	23	310	22			350	22	260	20	280	15								
3000	300	11	300	10			250	43	290	29																
4000	230	13							280	26																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st.

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Khartoum	
Time	8		4				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.
300	320	10	330	16			300	6					360	13	40	3						
600	340	12	320	13			300	6					10	15	360	6						
1000	350	15	340	17			320	6					360	12	320	5						
1500			340	15									340	12	280	14						
2000			340	15									330	12								
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8		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	300	9	310	25	340	19	350	13	10	21														
600	320	10	310	11	340	21	350	18	10	21			70	11									200	19
1000	350	22	340	4	350	10	340	20	360	21			70	17					10	20			210	23
1500	340	23	320	15	320	11	280	20	150	4									10	11			230	6
2000	340	20	310	16															280	7			340	6
3000	330	22							180	6			330	8					250	13			360	9
4000	330	23																						
5000																			250	15			170	3
6000													250	10					270	11				
7000																							30	9
8000																							10	11

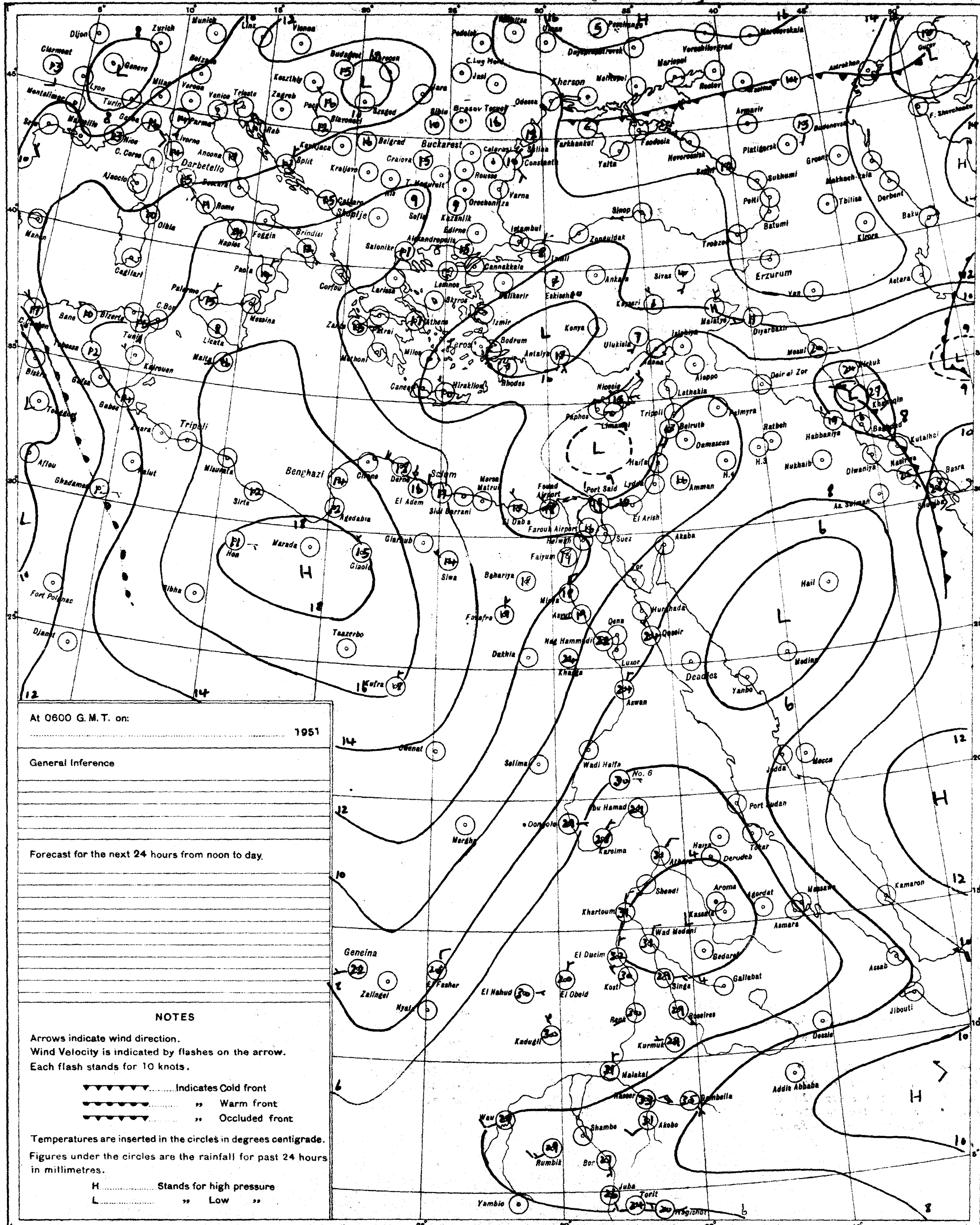
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 31-4-1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 21 G.M.T.
" " Sunset 16 26 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date : Tuesday 22nd April, 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	SALÛM	360	13	15	00	0	1	Cu	13.6	21	65	14
	303	SÎDI BARÂNI	320	13	18	02	1	2	Cu	13.5	19	73	14
	306	MATRÛH	300	16	18	02	1	1	Cu	13.7	19	73	14
	309	EL DABʿA	320	8	35	00	0	0	—		20	56	11
		ALEXANDRIA	330	17	50	02	2	3	Cu	12.3	19	64	12
	318	FOUAD (Airport)											
	330	DAMIETTA	320	5	35	01	0	0	—	11.5	19	73	14
	333	PORT SAʿÎD											
	336	EL ʿARISH											
Lower Egypt	339	DAMANHÛR	360	9	15	02	1	1	Cu	10.6	22	47	10
	342	MANSÛRA	270	5	35	02	1	3	Cu	11.0	25	34	8
	348	TANTA	360	5	35	03	2	6	Cu	10.6	26	30	7
	354	ZAGAZIG	320	1	50	02	0	0	—	10.8	25	42	11
	441	ISMAʿÎLIA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA											
		EZBEKÎYA	320	2	18	02	1	1	Cu	10.7	25	36	9
		GÎZA	320	2	18	02	1	1	Cu	10.7	26	25	4
	378	HELWÂN	290	12	35	03	0	1	Cu	10.4	24	38	9
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	11.0	25	28	5
	387	MINYA	350	13	10	00	1	0	—	9.8	27	17	0
	393	ASYÛT MANQABÂD	350	13	30	00	0	0	—	9.4	27	17	0
	399	NAGʿ HAMMÂDI	00	0	35	01	1	2	Ac	7.2	33	13	1
	402	QENA	290	2	50	00	0	0	—	6.2	33	12	0
	405	LUXOR											
	414	ASWÂN	290	9	50	00	0	0	—	5.3	33	12	0
Oases	417	SÎWA	290	12	14	00	0	0	—	14.6	26	37	10
	420	BAHARÎYA	360	2	35	02	0	0	—	11.2	25	32	7
	423	FARAFRA	340	2	35	02	0	0	—	12.7	25	42	11
	432	DAKHLA											
	435	KHARGA	20	6	15	00	0	0	—	10.0	29	19	3
Red Sea	450	SUEZ	360	6	50	03	0	1	Cu	9.3	25	54	15
	459	TÔR	310	5	35	01	1	0	—	7.6	27	42	13
	462	HURGHADA	30	7	18	01	1	1	Cu	7.1	24	65	17
	465	QUSEIR	20	9	15	01	1	0	—	6.3	25	74	20
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʿATBARA											
	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 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.
SALÛM	290	9	15	00	0	0	—	13.3	18	77	13	0
SÎDI BARÂNI	320	10	18	03	2	7	St	12.6	17	72	12	0
MATRÛH	300	9	12	02	1	3	Sc, Cu	13.2	17	83	14	0
EL DABʿA	00	0	7	00	0	0	—		16	88	14	0
ALEXANDRIA	360	15	35	00	0	0		12.4	17	68	11	0
FOUAD (Airport)												
DAMIETTA												
PORT SAʿÎD	350	14	18	02	0	0	—	10.5	18	73	13	0
EL ʿARISH												
DAMANHÛR	310	9	15	02	1	1	Cu	12.2	17	77	13	0
MANSÛRA	320	5		00	1	0	—	11.8	17	68	11	0
TANTA	310	2	35	01	2	3	Cu	12.0	16	68	10	0
ZAGAZIG	320	1	35	02	0	0	—	11.6	18	73	13	0
ISMAʿÎLIA												
FAROUK (Airport)	340	7	12	00	0	0	—	11.7	20	46	8	0
ALMÂZA	340	10	12	00	0	0	—	11.8	19	49	8	0
EZBEKÎYA	350	2	12	00	0	0	—	11.3	20	49	9	0
GÎZA	350	2	12	00	0	0	—	11.2	18	60	10	0
HELWÂN	340	13	15	02	0	0	—	10.7	20	56	11	0
FAIYÛM	00	0	35	02	0	0	—	10.7	21	33	4	0
MINYA	360	5	8	00	0	0	—	10.4	18	37	3	0
ASYÛT MANQABÂD	300	2	15	00	0	0	—	10.3	22	27	2	0
NAGʿ HAMMÂDI	270	2	7	00	0	0	—	9.4	23	18	-3	0
QENA	320	1	7	00	0	0	—	8.8	25	28	5	0
LUXOR												
ASWÂN	360	10	15	07	3	0	—	8.3	30	16	1	0
SÎWA	320	3	10	00	0	0	—	13.2	23	47	11	0
BAHARÎYA	00	0	15	02	0	0	—	12.0	21	57	12	0
FARAFRA	360	2	15	02	0	0	—	13.3	19	37	4	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	11.9	23	24	1	0
SUEZ	310	9	7	01	0	0	—	11.5	19	64	12	0
TÔR	360	5	35	02	0	0	—	8.0	25	51	14	0
HURGHADA	330	18	12	02	0	0	—		24	47	12	0
QUSEIR	330	5	15	02	0	0	—	7.8	25	54	15	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʿATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Tuesday 22nd April, 1952

Station	Wind 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
SALUM	290	18	15	00	0	0	—	14.4	+0.7	17	24	-2	13	-1	77	13	0	Rain	
SÎDI BARÂNI	310	12	15	02	2	6	Cu, Sc	14.5		18	21		15		73	13	0	115	
MATRÛH	280	8	15	02	1	6	Sc	14.8	+0.3	18	21		14		73	13	0	132	
EL DABʿA	320	4	15	02	1	4	Cb			17	20		12		68	11	0	214	
ALEXANDRIA	270	14	50	03	1	5	Cu	13.9	-0.4	17	21	-3	15	-1	77	13	0	166	183
FOUAD (Airport)	320	10	18	03	1	5	Sc	13.8	-1.7	18			12	-2	68	12	0	Rain	138
DAMIETTA	320	2	7	03	1	4	Cu	12.8	-1.3	18			13	-2	73	13	0	171	103
PORT SAʿÎD	10	7	14	02	1	7	Sc	12.7	-3.4	18	20	-3	16	-1	60	10	0	92	
EL ʿARISH																			
DAMANHÛR	270	9	15	02	1	2	Cu	13.5	-0.6	18	23	-5	11	-2	73	13	0	87	97
MANSÛRA	360	5	35	02	1	2	Cu	13.8	-0.6	19	26	-2	12	-1	64	12	0	62	51
TANTA	270	2	35	01	1	4	Cu	14.2	-0.2	17	26	-3	9	-3	77	13	0	65	38
ZAGAZIG	320	1	35	03	1	5	Cu	14.4	0.0	15	27	-2	11	-1	88	13	0	30	26
ISMAʿÎLIA																			
FAROUK (Airport)	290	1	10	03	2	6	Sc	13.9		16	25		12		77	12	0	83	
ALMÂZA	320	4	14	03	1	7	Sc	13.9	-1.4	16	25	-4	13	-2	77	12	0	71	
EZBEKÎYA	00	0	12	02	1	3	Cu, Ci	13.9	-0.3	18	26	-3	14	0	68	12	0	61	24
GÎZA	00	0	12	02	1	3	Cu, Ci	14.0	-0.3	17	26	-3	12	+1	68	11	0	58	24
HELWÂN	320	3	3	00	2	7	Cu	14.0	+0.2	15	24	-6	13	-2	88	13	0	59	27
FAIYÛM	360	6	35	03	1	4	Cu, Sc	14.6	+0.6	17	27	-4	12	-2	68	11	0	23	8
MINYA	360	11	10	00	0	0	—	14.4	-1.0	17	28	-3	9	-4	64	10	0	5	
ASYÛT MANQABÂD	280	6	12	00	0	0	—	13.8	+0.5	16	29	-3	12	-3	68	10	0	3	
NAGʿ HAMMÂDI	00	0	15	00	0	0	—	13.5	+0.9	19	33	0	12	-2	64	12	0	0.1	
QENA	320	1	15	00	0	0	—	12.6	+0.6	23	34	-2	14	-3	24	1	0	2	
LUXOR	340	10	30	00	0	0	—	12.1?	-0.1	22			16				0	dr.	
ASWÂN	340	5	50	00	0	0	—	12.4	+0.4	22	34	-2	17	-3	21	-1	0	dr.	
SÎWA	320	5	13	00	0	0	—	16.4	+1.3	17	27	-3	13	0	68	11	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	15.5	+0.9	18	25	-6	9	-4	60	10	0	1	7
FARAFRA	20	1	35	02	0	0	—	15.5		19	27		10		46	7	0	Rain	
DAKHLA																			
KHARGA	00	0	35	00	0	0	—	13.5	+0.7	21	29	-5	17	0	33	4	0	dr.	
SUEZ	360	4	35	00	0	5	Cu	14.0	+0.2	18	26	-3	12	-4	60	10	0	44	16
TÔR	310	9	35	02	0	0	—	11.4	-0.5	21			19	+2	65	14	0	1	13
HURGHADA	320	16	30	02	0	0	—	11.0	-1.8	21	25	-1	16	-1	57	12	0	dr	
QUSEIR	360	9	15	02	0	0	—	10.3	-1.5	23	26	-2	20	-1	44	10	0	dr.	4
PORT SÛDÂN	340	8	30	03	2	6	Sc	8.8		28	32		25		70	22	0	211	96
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
ʿATBARA																			3
KHARTÛM																			4
KASSALA																			11
WÂD MEDANI																			14
RENK																			54
ROSEIRES																			49
EL OBEID																			18
EL FÂSHER																			6
GENEINA																			6
MALAKÂL																			114
WÂU																			216
JUBA																			267

Humidity % Mean of day

Station	On 21st	Diff from normal
Alexandria	63	-5
Ezbekiya	58	+5
Gîza	65	+10
Helwân	59	+19

GÎZA
GRASS MINIMUM TEMP
ON 22nd 10.0 °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 21st

Station	Matruh		Kharga		S.Barani		P. Said		Minya		Asyut		Siwa		Dakhla								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	310	14	360	20	320	20	350	10	340	27	330	10	340	13	330	12							340	9	340	10
600	320	14	360	26	320	20	330	15	340	11	330	11	350	17	320	13							350	9	350	14
1000	330	12	360	30			310	17	330	11	320	13	350	21	10	13							360	8	340	6
1500	320	17					250	8	320	10	330	17	340	19	330	14							330	7	320	6
2000	300	13									320	23	340	29												
3000	300	17									290	19	330	41												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time	8		4		3		2				6 45		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	300	13	320	11	320	10	300	10			330	9	330	6					350	32	330	24		
600	310	16	320	11	320	10	310	9			350	13	330	5					350	23	320	38		
1000	320	17					320	9			360	14	330	7					300	3	300	35		
1500											350	9	330	7							310	21		
2000													350	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	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	360	7	350	6	310	10	340	2																
600	360	14	330	10	310	10	350	11																
1000	340	19	340	20	320	11	350	17																
1500	340	22	330	42	350	19	350	25																
2000	320	21	330	38	350	10	350	30																
3000	340	22																						
4000	340	19																						
5000	330	32																						
6000																								
7000																								
8000																								

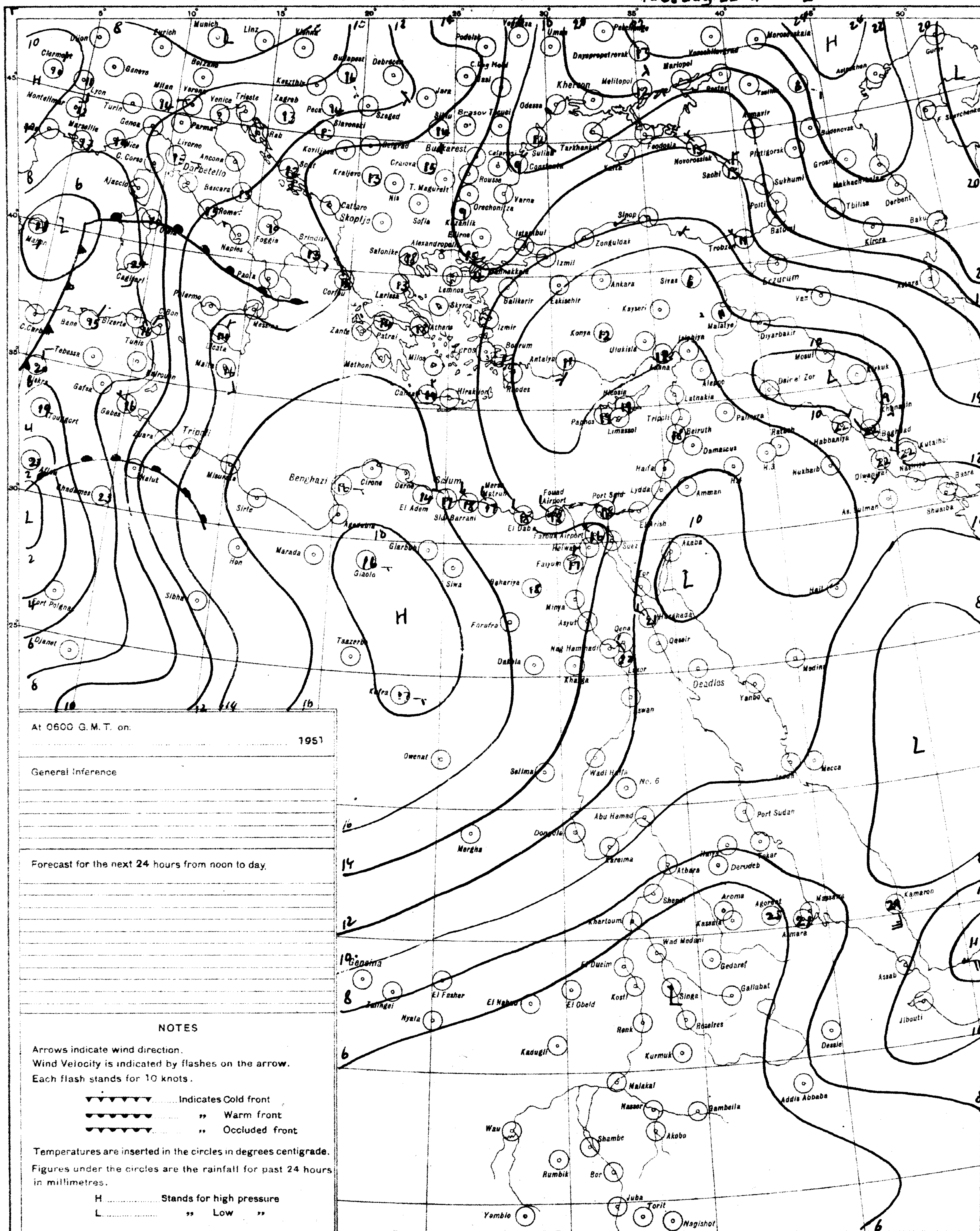
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Tuesday 22-4-1952



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)

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 20 G. M. T.
" " Sunset 16 27 G. M. T.

[redacted] OF WAR AND MARINE, — METEOROLOGICA[redacted] — WEATHER SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date : Wednesday 23rd April, 1951

At 1200 on Tuesday 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	20	13	35	00	1	1	Cu	14.8	20	73	15
	308	SÎDI BARÂNI	320	13	18	02	0	1	Cu	14.9	19	73	14
	306	MATRÛH	310	14	18	01	1	1	Cu	15.4	20	69	14
	309	EL DABA	340	5	35	00	0	0	—		21	65	14
		ALEXANDRIA	310	17	50	01	2	2	AC	14.7	19	68	13
	318	FOUAD (Airport)											
	330	DAMIETTA	320	5	35	02	0	0	—	14.2	20	64	13
	333	PORT SA'ÎD											
	336	EL 'ARISH	20	13	12	02	0	1	Cu	14.0	24	32	6
LOWER EGYPT	339	DAMANHUR	360	9	15	02	0	0	—	13.6	23	44	10
	342	MANSURA	40	5	35	03	2	4	Cu	13.4	26	37	10
	348	TANTA	00	0	35	03	2	6	Cu	13.6	26	30	7
	354	ZAGAZIG	320	1	50	02	1	0	—	13.1	25	47	13
	441	ISMAILIA											
CAIRO AREA	366	FAROUK (Airport)											
	372	ALMÂZA	360	12	30	03	1	2	Sc	13.2	24	38	9
		EZBEKÎYA	360	3	18	02	1	2	Cu	12.6	25	34	8
		GÎZA	360	3	18	02	1	2	Cu	13.4	25	34	8
	378	HELWÂN	290	12	35	02	0	0	—	12.8	24	38	9
UPPER EGYPT	381	FAIYÛM	360	6	35	01	1	1	Cu,Sc	12.8	26	25	4
	387	MINYA	330	10	12	00	0	0	—	12.7	26	18	0
	393	ASYÛT MANQABÂD	320	14	30	00	0	0	—	12.8	26	21	2
	399	NAG' HAMMÂDI	00	0	35	01	1	2	Ac		33	24	10
	402	QENA	00	0	50	00	0	0	—	12.0	30	11	-4
	405	LUXOR											
	414	ASWÂN	320	6	35	00	0	0	—	11.1	29	9	-7
OASES	417	SÎWA	230	12	14	00	0	0	—	15.4	28	14	-2
	420	BAHARÎYA	360	2	35	02	0	0	—	13.8	26	55	16
	423	FARAFRA	320	4	35	03	0	0	—	14.7	27	37	11
	432	DAKHLA											
	435	KHARGA	360	4	15	00	0	0	—	12.3	28	16	0
RED SEA	450	SUEZ	360	2	50	01	0	0	—	12.7	23	44	10
	459	TOR	310	13	15	02	0	0	—	10.7	24	54	14
	462	HURGHADA	20	18	30	02	0	0	—	9.2	23	50	12
	465	QUSEIR	360	13	15	02	0	0	—	8.3	25	54	15
	641	PORT SUDAN											
NORTH SÛDAN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA											
	751	WÂD MEDANI											
	801	RENK	270		35	01	1	6	Cu	3.9	40	24	16
	802	ROSEIRES	310	2	35	01	1	6	AS	3.2	38	25	15
		EL OBEID											
		EL FÂSHER											
		GENEINA											
S. SUDAN		MALAKÂL	180	9		03	2	8		8.3			18
		WÂU											
	941	JUBA											

At 1800 on Tuesday 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.
SALÛM	270	2	15	00	0	1	Ci	15.8	17	88	15	0
SÎDI BARÂNI	350	5	18	02	1	3	St	15.2	17	72	12	0
MATRÛH	320	5	14	01	2	1	Cu	16.0	16	68	14	0
EL DABA	00	0	7	01	1	2	Cu		17	77	13	0
ALEXANDRIA												
FOUAD (Airport)	350	6	12	02	0	0	—	15.1	16	77	12	0
DAMIETTA	320	5	3	02	0	0	—	14.2	17	77	13	0
PORT SA'ÎD	10	12	15	01	0	0	—	13.2	18	78	14	0
EL 'ARISH												
DAMANHUR	310	9	15	02	0	0	—	15.2	18	73	13	0
MANSURA	360	3		00	1	0	—	14.7	18	73	13	0
TANTA	00	0	35	01	2	4	Cu	15.8	18	73	13	0
ZAGAZIG			35	02	0	0	—	14.8	19	73	14	0
ISMAILIA												
FAROUK (Airport)	20	16	12	01	0	0	—	13.9	20	56	11	0
ALMÂZA												
EZBEKÎYA	360	3	12	02	0	0	—	14.1	21	50	10	0
GÎZA	360	3	12	02	0	0	—	14.4	21	50	10	0
HELWÂN	360	16	7	01	1	0	—	14.2	21	50	10	0
FAIYÛM	00	0	35	01	0	0	—	14.3	20	46	8	0
MINYA	10	2	8	00	0	0	—	12.9	18	52	8	0
ASYÛT MANQABÂD	240	2	10	00	0	0	—	12.0	20	28	1	0
SÎWA	320	3	8	01	1	0	—	14.6	23	27	3	0
BAHARÎYA	00	0	15	02	0	0	—	14.3	21	57	12	0
FARAFRA	360	2	15	02	0	0	—	14.8	21	33	4	0
DAKHLA	340	8	35	00	0	0	—	15.6	23	24	1	0
KHARGA	00	0	15	00	0	0	—	14.8	21	14	8	0
SUEZ	360	2	15	02	0	0	—	13.5	21	41	7	0
TOR	310	9	15	02	0	0	—	11.5	23	50	12	0
HURGHADA	340	19	14	02	0	0	—	10.4	22	47	10	0

At 0600 on Wednesday 23rd April, 1952

STATION	WIND 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	180	5	15	00	0	0	—	16.0	+2.3	13	22	-4	9	-5	67	7	0	Rain	
SÎDI BARÂNI	180	1	2.7	43	4	9		16.2		14	21				88	12	0	115	
MATRÛH	210	4	18	03	1	3	Sc,Cu	17.0	+2.5	16	21		10		82	13	0	132	
EL DABA	00	0	15	00	0	0	—			16	21		8		77	12	0	214	
ALEXANDRIA	40	5	50	01	1	2	Ci	16.4	+2.1	19			16	0	73	14	0	166	183
FOUAD (Airport)	360	5	18	01	1	1	Sc	16.1	+0.7	18	22	-2	13	-1	68	12	0	Rain	138
DAMIETTA	250	2	15	00	0	0	—	16.4	+2.3	18	21	-3	12	-3	83	15	0	171	103
PORT SA'ÎD	270	7	12	01	1	3	Sc	15.1	+0.1	19	21	-2	16	-1	78	15	0	92	
EL 'ARISH	160	3	30	00	0	0	—	14.8	+1.0	19			12		64	12	0	101	
DAMANHÛR	40	5	7	02	0	0	—	16.2	+2.1	17	24	-4	11	-2	68	11	0	87	97
MANSÛRA	360	3	35	00	0	0	—	16.7	+2.4	19	27	-2	12	-1	64	12	0	62	51
TANTA	00	0	35	02	0	0	—	16.0	+1.6	17	26	-3	9	-3	77	13	0	65	39
ZAGAZIG	00	0	35	02	0	0	—	17.1	+2.7	18	27	-2	11	-1	83	15	0	30	26
ISMAÎLIA																			
FAROUK (Airport)	70	2	4	42	4	8	St	17.0		14	26		11		97	14	0	83	
ALMÂZA	360	9	1.6	03	4	7	Sc	16.8	+1.5	14			12	-3	97	14	0	71	
EZBEKÎYA	360	2	12	02	1	8	Cs	16.3	+2.1	16	26	-4	14	0	77	12	0	61	24
GÎZA	360	2	12	02	1	8	Cs	16.0	+1.8	17	27	-3	11	0	77	13	0	58	24
HELWÂN	340	8	7	02	0	1	St	16.7	+2.9	16	25	-5	13	-2	82	13	0	59	27
FAIYÛM	360	6	35	02	0	0	—	17.4	+3.5	18	27	-4	13	-1	73	13	0	23	8
MINYA	350	6	8	00	1	0		16.4	+1.1	18	27	-4	12	-1	60	10	0	5	
ASYÛT MANQABÂD	00	0	14	00	0	0	—	15.9	+2.7	20	26	-6	13	-2	41	6	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	15.8	+3.3	19			12	-3	46	7	0	0.1	
QENA	00	0	15	00	0	0	—	14.3	+2.4	21			14	-3	33	4	0	2	
LUXOR	00	0	30	00	0	0	—	14.2	+2.0	23			13		34	6	0	dr.	
ASWÂN	360	4	50	00	0	0	—	14.0	+2.1	21			16	-4	20	-3	0	dr.	
SÎWA	100	5	14	00	0	0	—	17.5	+2.4	18	28	-3	12	-1	49	7	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	16.3	+1.8	19	28	-4	11	-3	73	14	0	1	7
FARAFRA	270	1	35	02	2	1	Ac	17.0		17	28		9		42	4	0	Rain	
DAKHLA	160	8	50	01	0	2	Ci	15.6	+2.3	20	28	-7			33	3	0	dr.	
KHARGA	00	0	35	00	0	0	—	15.4	+2.7	18	29	-6	14	-3	28	-1	0	dr.	
SUEZ	310	2	35	00	0	0	—	15.8	+2.0	17	26	-3	11	-5	77	13	0	44	16
TÔR	310	9			0	0	—	13.0	+1.2	22			19	+2	57	13	0	1	13
HURGHADA	340	6	30	02	0	0	—	12.9	+0.2	21	24	-2	17	0	61	13	0	dr.	
QUSEIR	360	13	15	00	0	2	AS	12.0	+0.8	23			17	-4	44	10	0	dr.	4
PORT SÛDÂN	340	17	30	02	0	0	—	12.6		26	32		22		62	18	0	211	96
WÂDI HALFA	340	2	50	03	0	1	Ci	15.4		19	32		16		28	0	0	dr.	
ABU HAMAD																			
KAREIMA	30	11	30	02	0	0	—	13.0		25	37		18		14	-5	0	dr.	1
'ATBARA	350	14	10	07	2	8	Cs	11.0		25			20		10	-9	0	dr.	3
KHARTÛM	120	14	30	03	1	4	Ci	10.5		26	40		22		8	-11	0	0.6	5
KASSALA	40	5	30	02	0	0	—	7.6		33	42		17		17	5	0	49	11
WÂD MEDANI																			14
RENK																			54
ROSEIRES																			49
EL OBEID																			18
EL FÂSHER																			6
GENEINA																			7
MALAKÂL																			115
WÂU																			218
JUBA																			271

HUMIDITY % Mean of day

STATION	on 22nd	Diff. from normal
Alexandria	73	+5
Ezbekiya	54	+1
Giza	57	+2
[illegible]	64	+24

GIZA GRASS MINIMUM TEMP on 23rd 9.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry	Wet
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.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

STATION	Dakhla		Almaza		Asyut		Siwa		Kharga		S.Barani		Minya		PortSaid	
TIME	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.
300	340	17	360	17	320	17	340	11	10	21	340	14	10	14	10	9
600	350	23	360	16	330	32	340	6	10	26	330	10	360	16	20	6
1000	350	23	350	8	330	33	340	3	10	29	330	14	340	18	40	17
1500	350	22	350	17	320	21	310				340	19	340	16		
2000			340	16	310	19	320	15			340	16				
3000			350	14	330	17	320	22								
4000							320	29								
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 23rd

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	8		4		8		3				7	30			8		8		8				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	90	4	80	5	00	0	230	3			320	5			340	10	360	7					40	11
600	80	3	40	9	340	4	210	3			30	10			320	9	360	10	20	14			50	10
1000	40	5	10	14	60	4	210	4			70	15			350	5	300	4	10	16			40	9
1500	30	16	10	18	360	4	200	5			70	10			360	9	350	8	360	11			40	9
2000	20	12			350	8					60	6			340	22	350	7	340	19			30	4
3000	340	14			320	16					330	14			320	19	300	23						
4000	310	26															300	32						
5000	300	31																						
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	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	90	14	70	11	80	3	20	9																
600	100	17	60	11	100	5	30	16																
1000	60	14	60	12	60	15	20	16																
1500	360	9	40	15	50	9	360	21																
2000	10	12	70	8	310	15	310	25																
3000	310	14																						
4000	310	19																						
5000	310	32																						
6000	310	43																						
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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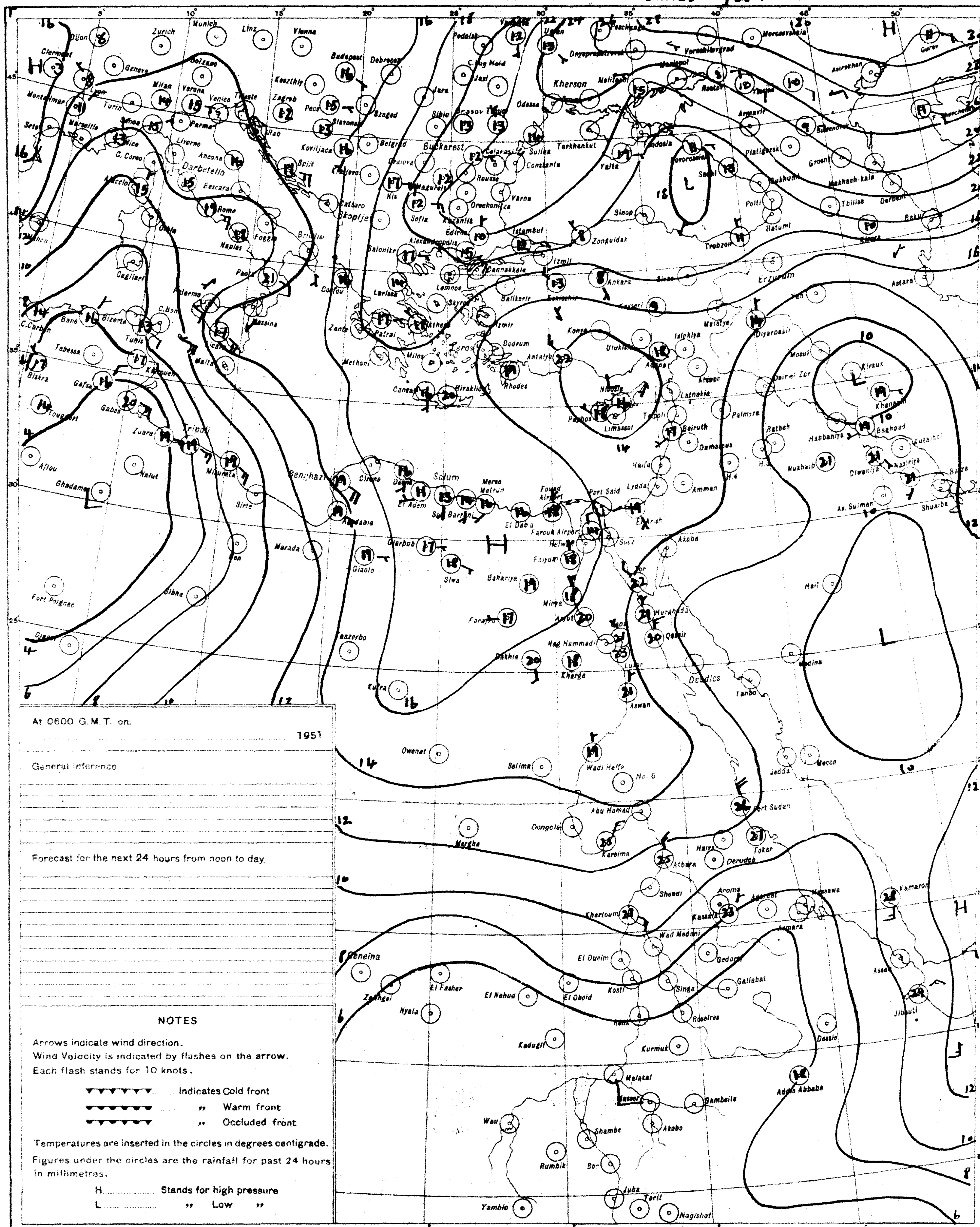
Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 23.4.1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 19 G.M.T.
" " Sunset 16 28 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 24th April, 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	SALŪM	110	5	35	02	2	7	CS	15.8	23	38	8
	303	SÎDI BARÂNI	360	8	18	03	0	7		15.7	19	73	14
	306	MATRÛH	340	9	18	02	1	6	Ce	16.1	21	65	14
	309	EL DABÂ	340	2	35	02	1	5	cb		24	38	9
		ALEXANDRIA	330	13	50	03	2	5	CC	15.8	20	64	13
	318	FOUAD (Airport)	320	12	18	02	1	4	Cu, Ci	15.5	21	57	12
	330	DAMIETTA	320	5	35	03	0	1	AC	15.8	22	57	13
	333	PORT SA'ÎD	10	11	30	02	0	1	Cu, AC	14.4	21	65	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	15.0	26	42	12
	342	MANSURA	270	5	35	02	1	2	Cu	15.1	27	33	9
	348	TANTA	220	2	35	01	1	3	Cu	15.0	28	42	14
	354	ZAGAZIG	00	0	50	02	0	0	—	15.0	26	37	10
	441	ISMA'ÎLÎA											
Cairo Area	366	FAROUK (Airport)	70	7	18	03	0	2	Ci	15.2	26	20	1
	372	ALMÂZA	20	10	30	03	0	3	Ci	14.4	26	25	4
		EZBEKÎYA											
		GÎZA	350	2	18	02	1	1	Sc, Cu	13.9	27	20	2
	378	HELWÂN	00	0	15	02	0	1	Ci	13.8	28	22	4
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	15.1	27	27	6
	387	MINYA	320	3	10	00	0	0	—	14.3	28	20	3
	393	ASYÛT MANQABÂD	320	6	30	00	0	0	—	13.4	28	22	4
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	13.1	31	28	10
	402	QENA	00	0	50	00	0	0	—	12.0	32	10	-3
	405	LUXOR	330	3	30	00	0	0	—	11.6	30	9	-7
	414	ASWÂN	290	4	50	00	0	0	—	11.9	30	11	-4
Oases	417	SÎWA	100	9	14	00	0	0	—	16.2	28	16	0
	420	BAHARÎYA	00	0	35	02	0	0	—	15.0	27	27	6
	423	FARAFRA	270	1	35	02	2	1	AC	15.6	29	29	9
	432	DAKHLA	340	11	50	01	1	3	Ci	14.0	30	16	1
	435	KHARGA	40	2	15	03	2	3	Ci	12.6	29	23	6
Red Sea	450	SUEZ	360	3	50	02	0	0	—	13.8	26	25	4
	459	TÔR											
	462	HURGHADA	40	4	30	02	0	0	—	12.5	24	38	9
	465	QUSEIR	20	13	35	01	1	0	—	11.9	24	69	18
	641	PORT SUDÂN	40	15	30	02	0	0	—	10.7	29	49	17
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	360	2	30	02	2	0	—		33	8	-6
	660	KAREIMA	20	6	30	02	0	0	—	9.1	34	9	-4
	680	'ATBARA	340	11	30	03	1	1		6.6	36	3	-16
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES			35	02	1		Ci	4.1	39	5	-8
	771	EL OBEID											
	780	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	310	1	30	17	3	7	Ci	5.7	39	30	18
	880	WÂU											
	941	JUBA			30	02	2			9.3	38	33	19

At 1800 on Wednesday 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												
SÎDI BARÂNI	00	0	8	00	0	4	Sc	15.1	18	78	14	0
MATRÛH	30	2	10	01	1	4	AC	15.8	17	83	14	0
EL DABÂ	00	0	7	01	1	3	Cu		17	88	15	0
ALEXANDRIA												
FOUAD (Airport)	340	5	12	01	1	0	—	15.7	17	83	14	0
DAMIETTA	20	5		03	1	3	AC	15.9	18	83	15	0
PORT SA'ÎD	30	13	14	01	1	4	Ci	14.6	19	83	16	0
EL 'ARISH												
DAMANHUR	40	9	15	22	0	0	—	15.6	19	64	12	0
MANSURA	20	3		00	1	0	—	15.4	19	64	12	0
TANTA	00	0	35	01	1	4	Cu	16.0	18	73	13	0
ZAGAZIG	320	1	35	02	0	0	—	15.6	20	56	11	0
ISMA'ÎLÎA												
FAROUK (Airport)	20	12	12	00	1	0	—	15.1	22	41	8	0
ALMÂZA	20	15	12	01	2	3	Ci	14.3	22	41	8	0
EZBEKÎYA												
GÎZA	360	3	12	00	0	0	—	14.4	21	41	7	0
HELWÂN	320	5	15	01	1	3	Ci	13.9	23	38	8	0
FAIYÛM	00	0	35	03	2	5	Cu, Sc	15.0	22	44	9	0
MINYA	360	6	8	01	1	1	Ci	13.9	18	46	6	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	13.6	22	38	7	0
NAG' HAMMÂDI	270	1	15	00	0	0	—	12.6	24	32	6	0
QENA												
LUXOR												
ASWÂN	00	0	15	00	0	0	—	12.2	26	13	-5	0
SÎWA	100	3	8	00	0	0	—	15.1	22	21	-1	0
BAHARÎYA												
FARAFRA	360	3	15	02	2	1	AC	14.4	23	24	1	0
DAKHLA	20	5	35	00	0	0	—	14.0	25	17	-2	0
KHARGA	00	0	15	00	0	0	—	14.6	23	18	-3	0
SUEZ												
TÔR												
HURGHADA	270	3	12	02	0	0	—	13.1	20	43	7	0
QUSEIR	360	5	15	02	0	0	—	12.3	22	74	17	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 24th April, 1952

Station	Wind 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																			
SÎDI BARÂNI											20								
MATRÛH	100	5	15	42	4	2	Sc	15.1	+0.6	16	22		12		82	13	0	132	
EL DABÂ	00	0	15	03	2	7	St			17	24		10		88	15	0	214	
ALEXANDRIA	130	6	35	04	2	4	Ci	15.4	+1.2	18			15	-1	83	15	0	160	183
FOUAD (Airport)	00	0	12	03	4	3	Sc	15.1	-0.3	19	22	-2	9	-5	78	15	0	Rain	138
DAMIETTA	320	5	15	01	0	1	AC	14.4	+0.4	18	24	0	12	-3	88	16	0	171	103
PORT SA'ÎD	330	6	12	01	0	2	Sc, Ci	14.1	-0.8	19	24	-1	15	-2	78	15	0	92	
EL 'ARISH																			
DAMANHÛR	230	9	7	02	0	0	—	15.4	+1.3	17	27	-1	11	-2	68	11	0	87	97
MANSÛRA	320	5	35	00	4	0	—	15.6	+1.3	17	26	-1	9	-2	77	13	0	62	51
TANTA	00	0	35	02	0	0	—	15.4	+1.0	14	28	-1	8	-4	88	12	0	65	39
ZAGAZIG	00	0	35	02	0	0	—	15.8	+1.3	15	26	-1	11	-1	88	13	0	30	26
ISMA'ÎLÎA																			
FAROUK (Airport)	20	4	18	00	0	0	—	14.7		16	27		14		72	11	0	83	
ALMÂZA	320	8	14	00	0	0	—	14.5	-0.7	16	27	-3	12	-3	77	12	0	71	
EZBEKÎYA																			24
GÎZA	360	2	12	00	0	0	—	15.0	+0.8	18	28	-2	10	-2	73	13	0	58	24
HELWÂN	340	4	3	05	0	0	—	15.1	+1.4	17	28	-2	13	-2	60	9	0	59	27
FAIYÛM											28	-3							8
MINYA	00	0	8	00	0	0	—	14.4	-.8	19	28	-3	10	-3	46	7	0	5	
ASYÛT MANQABÂD	00	0	12	00	0	0	—	14.5	+1.4	19	29	-3	14	-2	49	8	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	14.3	+1.9	20	31	-2	12	-3	46	8	0	0.1	
QENA	270	1	35	00	0	0	—	13.8	+2.0	21			14	-3	26	1	0	2	
LUXOR																			
ASWÂN	360	4	50	00	0	0	—	13.8	+1.9	22	31	-6	17	-4	16	-5	0	dr.	
SÎWA	100	8	14	01	0	0	—	14.0	-1.0	19	28	-3	14	+1	30	1	0	26	8
BAHARÎYA																			7
FARAFRA	90	1	35	02	0	0	—	14.4		20	30		12		41	6	0	Rain	
DAKHLA	00	0	50	00	0	0	—	12.8	-0.5	20	32	-3	13	-3	41	6	0	dr.	
KHARGA	00	0	35	00	0	0	—	12.7	+0.1	22	30	-5	13	-4	29	3	0	dr.	
SUEZ	360	1	35	00	0	0	—	13.[illegible]	+1.5	18			13	-3	60	10	0	44	16
TÔR																			13
HURGHADA	340	5	30	02	0	0	—	12.7	+0.1	21	24	-2	13	-4	50	10	0	dr.	
QUSEIR											25	-4							4
PORT SÛDÂN																			46
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			3
KHARTÛM																			5
KASSALA																			11
WÂD MEDANI	360	9	35	03	2	1	Ci	9.5		30	41		21		5	-13	0	20	14
RENK																			55
ROSEIRES																			50
EL OBEID	40	12	30	02	0	2	Ci	9.6		27	38		19		5	-17	0	15	18
EL FÂSHER	340	4	30	01	0	0	—			26	37		17		18	0	0	13	6
GENEINA	40	5	30	01	2	7	AC, Ci			28	38		25		45	15	dr.		7
MALAKÂL	270	1	30	01	1	4	Ci	10.9		27	38		22		66	20	0.2	131	116
WÂU																			220
JUBA	180	6	30	01	1	6	Sc, AC	10.4		25	40		22		74	20	0	Rain	275

HUMIDITY

Mean of day

Station	On 23rd	Diff. from normal
Alexandria	71	+3
Ezbekîya		
Gîza	57	+3
Helwân	57	+17

GÎZA GRASS MINIMUM TEMP. ON 24th 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 ..... At .....

Pressure 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.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		20	
300	350	8	330	4	110	14	280	11	350	8	30	8	330	8		
600	340	6	320	9	110	16	330	3	350	12	40	9	340	7	10	15
1000	320	5	310	11	120	18	270	8	360	13	10	9	320	3	360	13
1500	330	10	310	12	130	10	330	9			320	15	20	5	340	14
2000	350	12	300	15	120	3	330	7					320	7	320	16
3000			310	22	340	7							330	14		
4000			310	32	310	20							300	23		
5000													300	26		
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 24th

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.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Kurkur Dir.	Kurkur Vel.
Time	8						2				6 30		8		8				8			
300	130	11					260	3			300	11	20	3	100	6			350	6		
600	120	12					260	3			60	6	60	3	80	7			360	7		
1000	130	10					260	3			60	10	60	10	20	9			360	10		
1500	40	5					240	5			70	10	350	6	330	11						
2000	320	3									320	6	330	15	300	17						
3000	280	17									310	29	310	28	310	34						
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	
300	100	24	100	23	130	10	50	10																
600	110	27	100	27	130	10	50	10	40	18													210	4
1000	110	24	110	22	160	5	10	6	20	15													200	14
1500	150	12	20	5	240	9	220	14	30	9													180	3
2000	240	8	90	8	300	10																		
3000	260	19			300	27			350	27													20	31
4000	290	27			310	35																	30	8
5000	290	30																						
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.

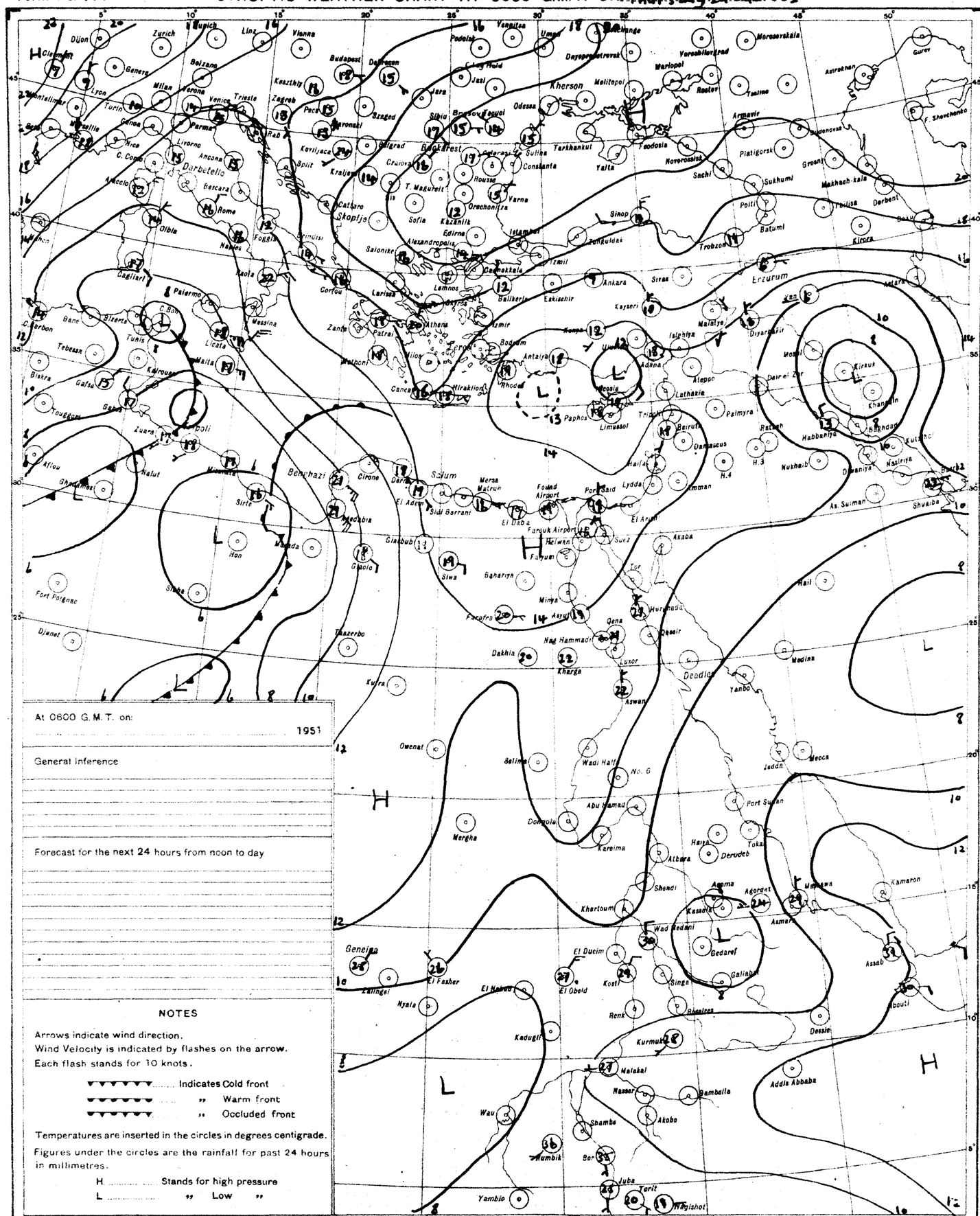
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 03 18 G.M.T.
" " Sunset 16 28 G.M.T.

DAILY WEATHER REPORT

Date: Friday 25th April, 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	40	13	35	00	0	0	—	12.7	22	50	11
	303	SÎDI BARÂNI	60	12	30	00	0	0	—	12.4	22	47	10
	306	MATRÛH	80	17	18	02	0	0	—	14.3	25	39	12
	309	EL DABA											
		ALEXANDRIA											
	318	FOUAD (Airport)	330	11	18	01	0	0	—	14.2	23	50	12
	330	DAMIETTA	40	2	35	02	0	1	AC	14.7	24	38	9
	333	PORT SA'ID											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	5	15	02	0	0	—	13.8	27	37	11
	342	MANSURA	360	5	35	00	0	0	—	13.9	27	27	6
	348	TANTA	00	0	35	02	0	0	—	14.0	28	22	4
	354	ZAGAZIG	320	2	50	02	0	0	—	13.6	27	37	11
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	40	10	18	00	0	0	—	13.0	26	28	6
	372	ALMAZA	20	10	30	00	0	0	—	13.1	27	20	2
		EZBEKIYA	40	2	18	00	0	0	—	12.8	28	20	3
		GIZA	40	2	18	00	0	0	—	13.1	28	16	0
	378	HELWAN	00	0	35	02	0	0	—	12.7	29	23	6
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	13.8	28	16	0
	387	MINYA	330	4	10	00	0	0	—	13.3	30	16	1
	393	ASYUT MANQABAO	270	4	30	00	0	0	—	12.8	31	11	-2
	399	NAG' HAMMADI	00	0	35	00	0	0	—	12.3	32	24	9
	402	QENA	00	0		00	0	0	—	11.4	34	14	3
	405	LUXOR											
	414	ASWAN	360	4	50	00	0	0	—	11.0	33	12	0
Oases	417	SIWA	110	11	14	00	0	0	—	12.4	30	21	5
	420	BAHARIYA	00	0	35	02	0	0	—	13.6	29		
	423	FARAFRA	110	2	35	02	2	1	CS	13.4	31	28	10
	432	DAKHLA	160	5	50	00	0	0	—	12.0	34	6	-8
	435	KHARGA	00	0	35	00	0	0	—	12.4	32	15	2
Red Sea	450	SUEZ											
	459	TOR	310	9	35	00	0	0	—	11.5	25	61	17
	462	HURGHADA	60	2	30	00	0	0	—	11.2	25	61	17
	465	QUSEIR	20	13	15	02	0	0	—	11.6	24	74	19
	641	PORT SUDAN	30	11	30	01	0	0	—	10.3	29	37	13
North Sudan	600	WADI HALFA	360	6	50	02	0	0	—	10.0	32	7	-8
	640	ABU HAMAD	20	9	30	02	0	0	—		36	8	-4
	660	KAREIMA	360	8	30	02	0	0	—	8.2	36	6	-8
	680	'ATBARA	40	7	30	02	0	0	—	6.1	37	6	-7
	721	KHARTUM											
	730	KASSALA	270	4	30	02	0	0	—	2.9	40	10	2
Central Sudan	751	WAD MEDANI	310	9	35	02	0	0	—	3.9	40	8	0
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	140	4	30	02	0	0	—		36	12	2
	770	GENEINA	290	6	30	01	2	4			38	16	8
S. Sudan	840	MALAKAL											
	880	WAU											
	941	JUBA	270	4	50	02	2	7	Cb, Ac	5.9	35	35	17

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	40	5	15	00	0	0	—	11.1	20	56	11	0
SÎDI BARÂNI	00	15	18	00	0	0	—	10.9	18	64	11	0
MATRÛH	70	6	14	00	0	0	—	12.8	18	73	13	0
EL DABA	00	0	7	00	0	0	—		18	73	13	0
ALEXANDRIA	40	16	35	00	0	0	—	13.5	19	83	16	0
FOUAD (Airport)	40	5	12	02	0	0	—	13.3	18	83	15	0
DAMIETTA	40	2		02	0	0	—	13.5	20	73	15	0
PORT SA'ID	50	12	18	02	0	0	—	13.2	19	73	14	0
DAMANHUR	230	9	15	02	0	0	—	13.4	19	64	12	0
MANSURA	40	5		00	0	0	—	14.4	20	46	8	0
TANTA	00	0	35	02	0	0	—	14.6	19	73	14	0
ZAGAZIG	40	1	35	02	0	0	—	14.0	21	57	12	0
FAROUK (Airport)	40	10	14	00	0	0	—	13.7	24	26	3	0
ALMAZA	40	5	12	00	0	0	—	12.7	24	26	3	0
EZBEKIYA	00	0	12	00	0	0	—	12.3	23	36	7	0
GIZA	00	0	12	00	0	0	—	13.3	23	38	8	0
HELWAN	340	5	15	02	0	0	—	12.4	24	21	0	0
FAIYUM	00	0	35	02	0	0	—	13.5	21	50	10	0
MINYA	20	2	8	01	1	1	Ci	12.2	22	36	6	0
ASYUT MANQABAO	00	0	10	00	0	0	—	11.8	25	26	4	0
NAG' HAMMADI	00	0	15	00	0	0	—	12.0	23	50	12	0
QENA	290	1	7	00	0	0	—	10.8	26	37	10	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	11.2	28	16	0	0
SIWA	120	7	8	00	0	0	—	9.8	27	35	10	0
BAHARIYA	00	0	15	02	0	0	—	12.4	25	48	13	0
FARAFRA	90	4	15	02	2	1	Cu	11.2	25	28	5	0
DAKHLA	90	5	35	00	0	0	—	11.2	29	11	-4	0
KHARGA	00	0	15	00	0	0	—	13.8	26	18	0	0
SUEZ	360	2	15	02	0	0	—	12.3	22	36	6	0
TOR	310	5	35	00	0	0	—	10.8	23	65	16	0
HURGHADA	00	0	30	02	0	0	—	10.8	21	50	10	0
QUSEIR	20	5	15	02	0	0	—	10.6	23	57	14	0

At 0600 on Friday 25th April, 1952

Station	Wind 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	9	15	03	1	3	Ci	9.5	-4.0	18	24	-2	16	+2	73	13	0	Rain	
SIDI BARANI	100	13	18	02	1	2	Ci	9.0		18	23				78	14	0	115	
MATRUH	100	12	18	03	1	4	CC	10.5	-3.9	18	26	+3	15		83	15	0	132	
EL DABA	110	4	15	01	1	2	Cu			20	23		13		46	8	0	214	
ALEXANDRIA	130	16	50	01	1	2	Ci	12.0	-2.2	20	23	-1	15	-1	41	6	0	166	183
FOUAD (Airport)	100	14	18	00	0	0	—	12.1	-3.2	20	25	+1	14	0	46	8	0	Rain	138
DAMIETTA	140	5	15	03	0	2	Ci	12.3	-1.7	21	25	+1	16	+1	74	16	0	171	103
PORT SA'ID	120	13	15	03	0	1	Ci	12.2	-2.6	22	24	+1	17	0	44	9	0	92	
EL 'ARISH																			
DAMANHUR	130	13	7	02	0	0	—	12.2	-1.9	18	28	0	11	-2	64	11	0	87	98
MANSURA	90	5	35	00	0	0	—	12.8	-1.5	21	30	+1	13	0	41	7	0	62	51
TANTA	130	5	35	01	1	3	Cu	12.3	-2.0	21	29	0	11	-1	65	14	0	65	39
ZAGAZIG	00	0	35	02	0	0	—	12.4	-2.0	20	29	0	11	-2	46	8	0	30	26
FAROUK (Airport)	90	9	18	00	0	0	—	12.2		25	28		19		28	5	0	83	
ALMAZA	350	5	12	00	0	0	—	11.7	-3.3	22	28	-2	19	+4	31	4	0	71	
EZBEKIYA	360	2	12	00	0	0	—	11.5	-2.5	21	30	0	15	0	41	7	0	61	24
GIZA	360	2	12	00	0	0	—	11.6	-2.5	19	29	-1	10	-2	46	7	0	58	24
HELWAN	00	0	7	05	0	0	—	11.6	-2.1	24	30	0	19	+4	32	6	0	59	27
FAIYUM	00	0	35	02	0	0	—	12.7	-1.1	22	30	-1	14	0	44	9	0	23	8
MINYA	40	2	10	00	0	0	—	11.0	-4.1	24	31	0	12	-1	18	-2	0	5	
ASYUT MANQABAO	100	4	14	00	0	0	—	10.8	-2.2	23	32	0	15	-1	22	0	0	3	
NAG' HAMMADI	00	0	7	00	0	0	—	12.2	-0.2	22	33	0	13	-2	44	9	0	0.1	
QENA	40	1	35	00	0	0	—	11.2	-0.5	23	35	-1	13	-5	44	10	0	2	
LUXOR																			
ASWAN	00	0	50	00	0	0	—	11.2	-0.6	26	34	-3	19	-2	18	0	0	dr.	
SIWA	90	12	14	03	0	3	AC, Ci	7.8	-7.2	21	31	0	17	+4	25	0	0	26	8
BAHARIYA	130	4	35	02	0	0	—	10.7	-3.7	25	31	-1	16	+2	48	13	0	1	7
FARAFRA	90	1	15	02	2	6	AC	8.8		21	33		13		33	4	0	Rain	
DAKHLA	180	11	50	00	0	0	—	9.0	-4.2	23	35	0	16	0	18	-3	0	dr.	
KHARGA	00	0	35	00	0	0	—	10.7	-1.8	20	33	-2	15	-2	33	3	0	dr.	
SUEZ	00	0	35	00	0	0	—	11.6	-2.1	23	27	-3	14	-2	38	8	0	44	16
TOR	20	5	50	00	0	0	—	11.6	-0.1	22			15	-3	65	15	0	1	13
HURGHADA	330	2	30	02	0	0	—	11.4	-1.1	23	26	0	14	-3	27	3	0	dr	
QUSEIR	330	5	15	02	0	0	—	12.0	+0.4	25	25	-4	19	-2	17	-2	0	dr.	4
PORT SUDAN																			96
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			3
KHARTUM																			5
KASSALA																			11
WAD MEDANI																			14
RENK																			55
ROSEIRES																			50
EL OBEID																			18
EL FASHER																			6
GENEINA																			7
MALAKAL																			117
WAU																			222
JUBA																			280

HUMIDITY

Mean of day

STATION	On 24th	Diff. from normal
Alexandria	78	+10
Ezbekiya	52	0
Giza	51	-3
Helwan	36	-4

GIZA GRASS MINIMUM TEMP. ON 25th 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 ..... At .....

Pressure 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	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabao		Luxor		Aswan		Hurghada			
Time	8		4		8		2		6				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	23	110	25	110	17	90	14	120	8			140	11	120	11								
600	110	26	110	19	100	20	80	19	100	15			130	16	140	9								
1000	110	21	110	13	110	22	80	18	100	14			120	21	170	10								
1500	170	9	180	16	100	24	80	14	80	13			100	23	250	10								
2000	180	12	240	13			50	8	70	5					260	8								
3000	260	16							300	12					270	28								
4000									290	26														
5000									300	32														
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				3		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			130	25	150	12	180	3	140	5														
600			130	23	160	16	180	13	110	13			50	19			30	5					20	18
1000			130	31	190	16	190	18	110	7			60	17			30	16	40	27	20	9	50	15
1500					240	24	210	14	280	3			80	17			230	23	60	18	80	18	20	17
2000							290	30											10	7	40	10		
3000									280	15			30	19			10	6	60	13	50	6	50	9
4000																								
5000																	330	12			290	5		
6000																	310	17			30	14		
7000																								
8000																								

UPPER WIND OBSERVATIONS on 24th

Station	Dakhla		Matruh		S. Barani		Asyut		Kharga														Port Said		Minya	
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	160	3	80	10	100	23	310	18	330	10															100	5
600	300	3	110	8	110	17	320	15	320	13															00	10
1000	250	3	140	7	140	15	320	13	310	12															120	9
1500	270	7			180	5	330	21	290	8													70	7	80	29
2000	260	6			170	4	340	10															90	8		
3000					290	12	300	25																		
4000																										
5000																										
6000																										
7000																										
8000																										

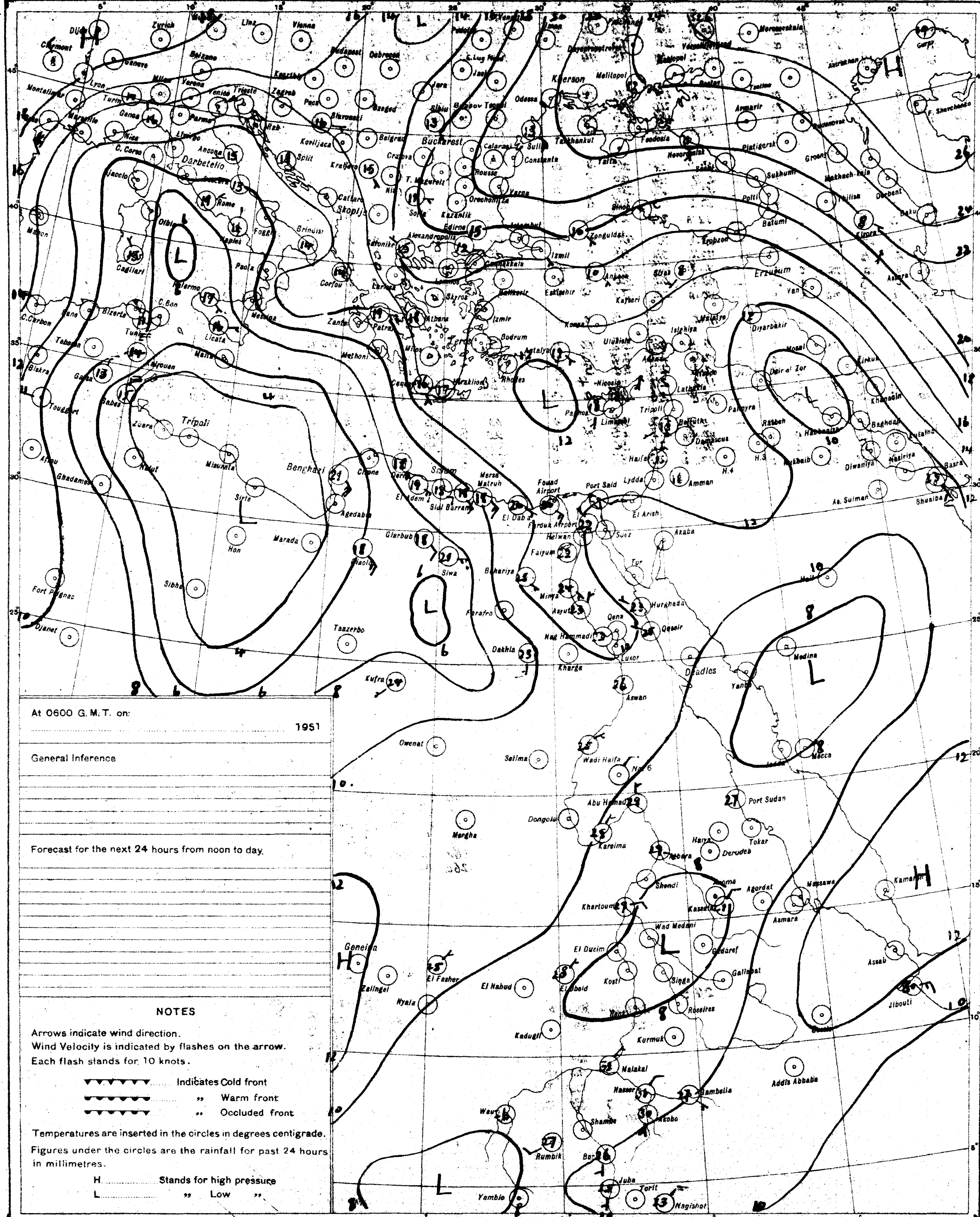
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 25-4-1952



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	
Cirrostratus	
Cirrocumulus	
Altocumulus	
Altostratus	
Stratocumulus	
Nimbostratus	---
Cumulus or Fractocumulus	
Cumulonimbus	
Stratus or Fractostratus	—

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 17 G. M. T.

" " Sunset 16 29 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date : SATURDAY 26th APRIL 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	SALÛM	200	5	35	03	2	8	Sc, Cs	6.4	22	65	15
	303	SÎDI BARÂNI	80	17	30	03	2	7	Ac, Ci	5.7	21	65	14
	306	MATRÛH	70	22	15	03	1	7	Cs	7.8	25	34	8
	309	EL DABʿA	70	16	35	03	2	7	St		24	47	12
		ALEXANDRIA											
	318	FOUAD (Airport)	310	12	18	02	1	3	Ci	8.8	30	29	10
	330	DAMIETTA	40	9	35	03	1	5	Ac	10.9	24	38	9
	333	PORT SAʿÎD	80	18	30	03	2	5	Ci	10.4	23	50	12
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	90	13	15	02	0	0	—	10.9	27	37	11
	342	MANSURA	90	13	35	02	1	3	As	10.8	30	21	5
	348	TANTA	130	13	35	03	2	8	As	9.6	31	22	7
	354	ZAGAZIG	40	2				0	—	10.0	30	25	8
	441	ISMAʿILIA											
Cairo Area	366	FAROUK (Airport)	70	3	50	03	1	4	Ci	9.7	33	8	-5
	372	ALMÂZA	110	8	18	02	1	3	Ci	8.6	33	12	0
		EZBEKÎYA	00	0	18	02	1	3	Ci	8.0	35		
		GÎZA	00	0	18	02	1	3	Ci	9.0	36	13	4
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	00	0	35	03	0	1	Cu, Ci	9.6	34	19	7
	387	MINYA	130	5	12	00	0	1	Ci	7.0	35	12	1
	393	ASYÛT MANQABÂD	170	3	30	03	0	1	Ci	7.5	37	12	3
	399	NAGʿ HAMMÂDI	270	1	15	00	0	0	—				
	402	QENA	00	0	50	00	0	0	—	9.1	37	11	2
	405	LUXOR	320	6	30	00	0	0	—	8.1	35	13	3
	414	ASWÂN	00	0	50	00	0	0	—	8.8	36	10	-1
Oases	417	SÎWA											
	420	BAHARÎYA	180	2	35	02	1	3	Ac	6.4	37		
	423	FARAFRA	220	3	15	02	2	1	Ac	4.4	41	14	8
	432	DAKHLA	160	11	50	00	0	0	—	5.8	41	8	0
	435	KHARGA	00	0	35	00	0	0	—	6.8	37	11	2
Red Sea	450	SUEZ	220	2	50	02	0	0	—	9.4	30	16	1
	459	TÔR	270	5	50	00	0	0	—	9.9	26	62	18
	462	HURGHADA	2.0	3	30	02	0	0	—	9.7	26	48	14
	465	QUSEIR	20	9	15	02	0	0	—	11.5	25	74	20
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʿATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 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
SALÛM	270	2	15	02	2	8	As, Cs		21	65	14	0
SÎDI BARÂNI	110	20	3	07	2	8	As	2.8	22	36	6	0
MATRÛH	110	18	12	02	2	8	As	4.7	20	64	13	0
EL DABʿA	70	19	7	03	2	8	St		21	57	12	0
ALEXANDRIA												
FOUAD (Airport)	60	18	12	02	2	6	Cs	6.5	22	47	10	0
DAMIETTA	40	5	7	03	2	8	As	3.4	20	64	13	0
PORT SAʿÎD	90	19	14	03	2	7	Cs	8.3	21	57	12	0
EL ʿARISH												
DAMANHUR												
MANSURA	40	5		03	2	8	As	9.5	22	44	9	0
TANTA	130	13	7	03	2	8	St	7.9	22	65	15	0
ZAGAZIG	40	3	35	02	0	0	—	8.7	23	44	10	0
ISMAʿILIA												
FAROUK (Airport)	70	9	12	01	0	1	Ac	8.4	29	13	-2	0
ALMÂZA	90	16	18	02	2	7	Cs	7.3	29	9	-7	0
EZBEKÎYA	40	3	12	02	1	8	Cs	7.0	26	23	3	0
GÎZA	40	3	12	02	1	8	Cs	8.0	26	25	4	0
HELWÂN												
FAIYÛM	00	0	35	03	1	6	St	5.2	28	33	10	0
MINYA	100	3	8	03	2	8	Ac	4.5	30	21	5	0
ASYÛT MANQABÂD	130	5	8	00	0	0	—	5.2	31	10	-4	0
NAGʿ HAMMÂDI												
QENA	00	0	7	00	0	0	—	6.6	27	28	7	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	6.7	30	16	1	0
SÎWA	00	0	6	02	2	7	Ac	99.6	31	18	4	0
BAHARÎYA	90	4	15	02	1	4	Ac	3.6	33			0
FARAFRA	130	4	7	03	2	6	Ac	1.6	32	24	9	0
DAKHLA	160	11	15	00	0	0	—	5.6	33	7	-8	0
KHARGA	00	0	15	00	0	0	—	7.2	31	9	-6	0
SUEZ												
TÔR	180	5	35	00	0	0	—	8.8	22	83	19	0
HURGHADA	110	5	12	03	1	3	Ac	9.0	20	64	13	0
QUSEIR	120	9	15	02	0	0	—	10.6	24	84	21	0

At 0600 on SATURDAY 26th

Wind 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	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	Station
250	19	7	06	0	0	—	97.9	-15.6	25	25	-1	24	+10	28	5	0	Rain		SALUM
260	22	3	07	2	8	As	97.8		26	23		20		25	4	0	115		SÎDI BARÂNI
150	15	10	07	1	0	—	98.1	-16.3	27	27		19		17	0	dw.	132		MATRÛH
70	10	15	00	0	0	—			26	27		19		30	7	0	214		EL DABʿA
130	22	35	07	2	4	Cu	0.8	-13.4	24			19	+3	32	6	0	166	183	ALEXANDRIA
100	22	18	03	1	4	Ac	0.5	-14.7	25	31	+7	21	+7	39	10	0	Rain	138	FOUAD (Airport)
140	19	3	07	3	8	Sc	5.8	-8.2	20	24	0	19	+4	83	17?	0	171	103	DAMIETTA
160	19	12	02	2	8	Sc, Ac	6.7	-8.0	21	24	+1	19	+2	69	15	0	92		PORT SAʿÎD
																			EL ʿARISH
130	19	7	02	0	0	—	1.9	-12.2	23			18	+5	44	10	0	87	98	DAMANHÛR
140	24	15	03	2	8	St	4.0	-10.2	22	30	+1	19	+6	44	9	0	62	52	MANSÛRA
130	13	35	03	2	8	As	2.6	-11.7	22	31	+1	18	+5	50	11	dw.	65	40	TANTA
140	2	35	02	2	8	St	2.4	-11.9	21	31	+1	18	+5	57	12	0	30	26	ZAGAZIG
																			ISMAʿILIA
70	10	12	03	2	8	Sc, As	8.1		25	34		22		30	6	0	83		FAROUK (Airport)
40	20	12	03	2	8	Ac, Ci	7.4	-7.6	24	34	+4	21	+6	26	3	0	71		ALMÂZA
40		0.5	07	4	8	Cs	6.0	-8.0	24	36	+6	20	+5	26	3	0	61	24	EZBEKÎYA
40		0.5	07	4	8	Cs	5.6	-8.4	24	36	+6	18	+6	26	3	0	58	24	GÎZA
																		27	HELWÂN
		35	02	2	8	As	5.8	-7.9	25	36	+4	20	+6	34	8	0	23	8	FAIYÛM
00	0	8	02	2	8	Ac	3.1	-11.9	27	36	+4	22	+8	27	6	0	5		MINYA
180	16	8	08	0	6	Ac	2.7	-10.3	31	38	+6	22	+6	15	1	0	3		ASYÛT MANQABÂD
140	2	15	01	1	4	Sc, Ac	4.7	-7.6	29			19	+4	29	9	0	0.1		NAGʿ HAMMÂDI
00	0	15	00	0	0	—	6.3	-5.3	29	38	+2	20	+2	23	6	0	2		QENA
250	5	30	00	0	0	—	5.8	-6.2	26			19		30	7	0	dw.		LUXOR
200	3	50	01	1	0	—	6.2	-5.5	30	37	0	22	+1	25	8	0	dw.		ASWÂN
270	13	12	00	0	0	—	2.8	-12.1	27	37	+6	26	+13	27	6	dw.	26	8	SÎWA
00	0	35	02	2	6	Ac	0.3	-14.0	29	39	+7	27	+13			0	1	7	BAHARÎYA
200	5	7	06	2	6	Ac	1.0		30	41		23		25	8	0	Rain		FARAFRA
160	8	50	00	0	0	—	2.3	-10.9	32	41	+6	23	+7	15	2	0	dw.		DAKHLA
00	0	35	00	0	0	—	4.6	-7.9	26	38	+3	20	+2	30	7	0	dw.		KHARGA
130	2	35	00	0	0	—	7.1	-6.5	22			20	+4	83	19	0	44	16	SUEZ
310	13	35	03	1	8	Ac	7.8	-3.8	24			18	0	61	16	0	1	13	TÔR
140	7	30	01	2	5	Sc	7.0	-5.4	25	26	0	20	+3	65	18	0	dw.		HURGHADA
360	2	15	02	0	0	—	7.9	-3.7	24	26	-3	18	-3	74	19	0	dw.	4	QUSEIR
250	1	30	02	0	0	—	10.0		29	32		18		49	17?	0	211	96	PORT SÛDÂN
160	10				0	—	6.3		30	43		24		11	-3	0	dw.		WÂDI HALFA
130	1		02	0	0	—			28	41		22		20	3	0			ABU HAMAD
																		1	KAREIMA
																		3	ʿATBARA
80	16	15	05	0	0	—	7.2		33	42		23		8	-5	0	0.6	5	KHARTÛM
																		11	KASSALA
																		14	WÂD MEDANI
																		55	RENK
																		51	ROSEIRES
																		18	EL OBEID
																		6	EL FÂSHER
																		7	GENEINA
00	0	30	03	1	8	Ac	9.3		28	41		23		58	19	0	131	118	MALAKÂL
																		224	WÂU
																		285	JUBA

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	39	-29
Ezbekiya	27	-25
Giza	31	-23
Helwan		

GIZA

GRASS MINIMUM TEMP. ON 26th 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 .... 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 25th

Station	Matruh		Minya		Asyut		Siwa		Dakhla		Kharga		S. Barrani		Hurghada										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	120	11	150	19	170	6	70	21	200	16	230	6	110	37	150	12									130	33
600			140	19	200	16	70	23	200	15	260	9	120	24	140	16									150	23
1000			170	24	200	16	80	14	190	8	270	11	140	26	80	9									170	38
1500			190	23	190	18	100	5	190	10	270	16	150	25	210	7									150	26
2000	190	14	220	27	220	13	210	6	230	12			270	8	230	19										
3000					290	34							280	22	260	23										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time							3						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							70	12					170	23					190	9	90	3		
600							40	8					170	29					190	32	70	12		
1000							360	7					200	18					200	29	80	8		
1500							350	25					190	15					210	26				
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	8				8		7																	
Height m.	Dir.	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	28			290	10	180	17																
600	270	22			280	9	190	40?																
1000	270	24			270	16	200	48?																
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

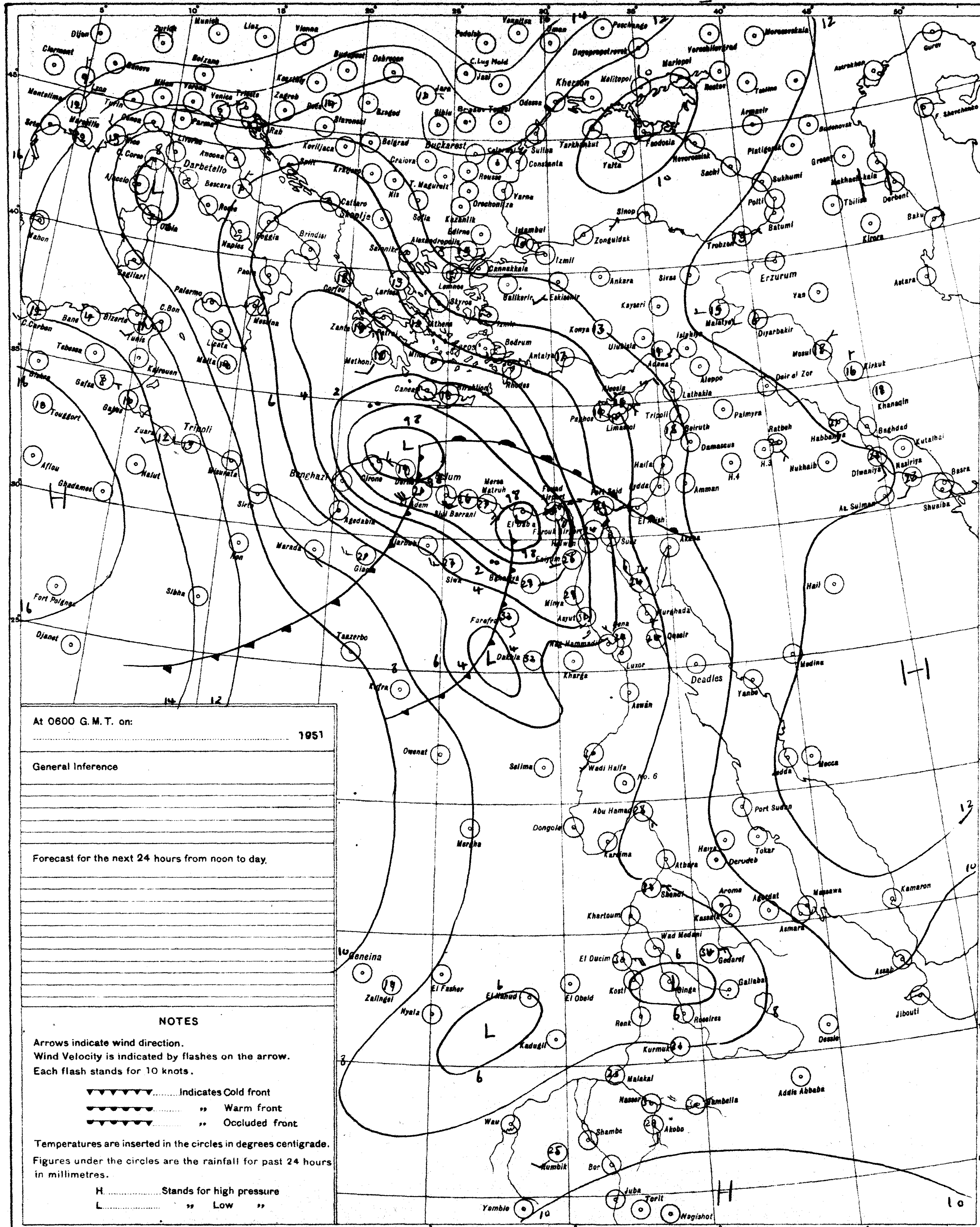
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 26.4. 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	
	,, 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	
Cirrostratus	
Cirrocumulus	
Altocumulus	
Altostratus	
Stratocumulus	
Nimbostratus	
Cumulus or Fractocumulus	
Cumulonimbus	
Stratus or Fractostratus	—

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 16 G. M. T.
" " Sunset 16 29 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date : SUNDAY 27th APRIL 1951

At 1200 on 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	250	24	15	09	3	6	Ac	99.2	26	37	10
	303	SÎDI BARÂNI	280	27	1.6	27	3	8	As	98.8	27	35	10
	306	MATRÛH	260	23	5	07	3	0	—	99.3	30	19	4
	309	EL DABʻA	320	29	7	06	3	0	—		27	33	9
		ALEXANDRIA	220	22	1.5	34	3	9		98.8	27	37	11
	318	FOUAD (Airport)	250	23	0.3	34	3	9		97.7	32	20	6
	330	DAMIETTA	160		3	06	3	8	Ac	98.3	29	40	14
	333	PORT SAʻÎD	180	19	1.2	06	3	8	Ac	98.0	29	35	12
	336	EL ʻARISH											
LOWER EGYPT	339	DAMANHUR											
	342	MANṢURA	140	24		35	3	9		99.5	31	22	7
	348	TANTA											
	354	ZAGAZIG	140		0.8	35	3	8		99.0	33	24	10
	441	ISMAʻILIA											
CAIRO AREA	366	FAROUK (Airport)	200	23	5	07	3	8	As	93.3	38	9	0
	372	ALMÂZA	180	24	4	05	3	6	Ac, Ci	98.4	38	6	-5
		EZBEKIYA	180		2	07	3	9		98.3	38	12	4
		GÎZA	180		2	07	3	9		97.9	38	9	0
	378	HELWÂN											
UPPER EGYPT	381	FAIYÛM	360	8	7	33	3	5	As	99.9	40	12	6
	387	MINYA	230	16	8	02	2	8	Ac	98.6	43	5	-4
	393	ASYÛT MANQABÂD	220	16	10	02	1	6	Ac, Cs	99.1	43	11	6
	399	NAGʻ HAMMÂDI	320	2	35	02	1	7	Cu, Sc, Ac	1.4	40	19	12
	402	QENA	110	1	35	03	1	6	Ci	2.3	42	12	7
	405	LUXOR	220	22	6	07	0	0	—	1.1	44	12	8
	414	ASWÂN	250	8	15	00	0	0	—	3.1	41	8	0
OASES	417	SÎWA	270	15	6	07	3	0	—	3.7	29	31	10
	420	BAHARÎYA	270	3	35	02	2	6	Ac	1.1	35		
	423	FARAFRA	270	24	0.1	34	3	9		2.7	36	20	10
	432	DAKHLA	340	14	15	00	0	0	—	1.3	40	12	6
	435	KHARGA											
RED SEA	450	SUEZ											
	459	TÔR											
	462	HURGHADA											
	465	QUSEIR	40	5	15	00	1	0	—		26	84	23
	641	PORT SÛDÂN	80	11		02	0	0	—	7.0	32	38	16
NORTH SÛDÂN	600	WÂDI HALFA	190	1	30	01	0	0	—	2.5	45	6	-1
	640	ABU HAMAD	270	1	30	02	0	0	—		41	10	3
	660	KAREIMA	140	3	30	02	0	0	—	3.1	42	8	1
	680	ʻATBARA	90	11	30	02	0	0	—	2.5	41	4	-8
	721	KHARTUM	70	10	30	02	0	0	—	2.7	41	7	-2
	730	KASSALA	70	2	30	02	0	0	—	0.9	41	8	0
CENTRAL SÛDÂN	751	WÂD MEDANI	360	9	35	02	1	0	—	1.0	41	6	-4
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—	1.7	41	16	10
	771	EL OBEID	110	9	30	02	0	0	—	2.5	39	5	-7
	760	EL FÂSHER											
	770	GENEINA	160	7	30	03	1	8	Cu, Ac		39	4	-10
S. SÛDÂN	840	MALAKÂL	270	3	30	03	2	7	Cu, Cs	3.7	39	24	15
	880	WÂU	230	8	30	03	2	7	Cu, Cs	4.1	37	48	24
	941	JUBA											

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	290	5	15	00	3	0	—	1.1	21	74	16	0
SÎDI BARÂNI	280	14	12	02	2	7	As	1.0	22	53	12	0
MATRÛH	250	25	5	35	3	7		1.6	24	36	8	0
EL DABʻA	00	0	7	00	0	0	—		21	57	12	0
ALEXANDRIA	220	9	35	02	2	8	As	2.6	19	83	16	0
FOUAD (Airport)	290	10	6	30	3	9		1.2	20	73	15	0
DAMIETTA	290	5		02	2	8	As	1.0	24	54	14	0
PORT SAʻÎD	300	14	5	07	3	5	Ac	0.7	24	47	12	0
EL ʻARISH												
DAMANHUR	270	13	15	02	0	0	—	1.9	22	44	9	0
MANṢURA	320	9		30	3	9		1.5	24	47	12	0
TANTA	00	0	7	03	2	8	As	1.7	22	65	15	0
ZAGAZIG	00	0	35	02	0	0	—	2.0	25	47	13	0
ISMAʻILIA												
FAROUK (Airport)	300	10	6	05	3	0	—	2.7	27	33	9	0
ALMÂZA	290	11	4	05	3	9		2.0	28	29	8	0
EZBEKIYA	270	5	6	06	3	9		2.3	29	27	8	0
GÎZA	270	5	6	06	3	9		2.2	27	33	9	0
HELWÂN												
FAIYÛM	360	8	7	06	2	6	As	2.3	30	27	9	0
MINYA	320	8	6	01	1	1	Ac				5	0
ASYÛT MANQABÂD	310	8	6	07	1	0	—	3.5	33	23	9	0
NAGʻ HAMMÂDI	00	0	15	02	1	7	Ac, Ci	2.6	32	43	18	0
QENA	200	11	7	02	1	6	Ac	1.6	36			0
LUXOR	250	8	12	01	0	0	—	1.4	36	15	6	0
ASWÂN	00	0	15	00	0	0	—	3.1	36	10	-1	0
SÎWA	280	16	6	03	3	7	Ac	5.5	25	51	14	0
BAHARÎYA	320	3	15	02	1	0	—	4.6	27	37	11	0
FARAFRA	270	6	3	02	3	3	Ac	5.8	28	40	13	0
DAKHLA	340	14	15	00	3	0	—	3.5	32	20	6	0
KHARGA	360	4	7	00	0	0	—	4.2	35	12	1	0
SUEZ	180	2	15	01	0	2	Cu	2.6	25	47	13	0
TÔR												
HURGHADA	150	8	14	02	2	0	—	2.9	24	65	17	0
QUSEIR	120	13	15	02	1	3	As	6.3	25	84	22	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʻATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

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.	Dry Bulb °C.	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs. mms.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
340	9	15	00	1	3	Cu	7.2	-6.2	19	30	+4	17	+3	73	14	0	Rain		SALUM
330	9	18	01	1	2	Cb	6.9		18	30		16		78	14	0	115		SÎDI BARÂNI
310	18	18	01	1	2	Cu	6.7	-7.6	19	32		17		78	15	0	132		MATRÛH
320	8	15	03	2	8	Sc			19	35		17		83	16	0	214		EL DABʻA
270	26	35	03	4	8	As	4.7	-9.5	19	35	+11	18	+2	83	16	0	166	183	ALEXANDRIA
280	19	8	05	2	8	Sc	4.6	-10.5	20	37	+13	19	+5	73	15	0	Rain	138	FOUAD (Airport)
220	5	3	06	2	8	As	4.6	-9.4	21	29	+5	18	+3	57	12	0	171	103	DAMIETTA
260	20	3	07	0	0	—	3.8	-10.8	21	31	+8	19	+2	61	13	0	92		PORT SAʻÎD
																			EL ʻARISH
310	19	15	02	1	2	Cu	4.2	-9.8	21	34	+6	19	+6	65	14	0	87	98	DAMANHÛR
220	13	15	03	2	8	Cu	4.7	-9.5	21	33	+4	18	+4	57	12	0	62	52	MANṢÛRA
270	8	35	03	2	8	As	4.4	-9.8	22	35	+5	18	+5	57	13	0	65	40	TANTA
220	2	3	06	4	8	Sc				36	+6	18	+5		13	0	30	26	ZAGAZIG
																			ISMAʻILIA
250	21	3	06	3	8		6.2		22	40		20		50	11	0	83		FAROUK (Airport)
250	20	2	06	3	8		6.3	-8.6	22	39	+9	21	+5	53	12	0	71		ALMÂZA
270		10	06	3	9		6.4	-7.6	22	39	+9	21	+6	50	11	0	61	24	EZBEKIYA
270		10	06	3	9		5.9	-8.1	23	39	+9	20	+8	44	10	0	58	24	GÎZA
																		27	HELWÂN
240	12	7	07	3	0	—	7.4	-6.3	23	40	+8	20	+5	50	12	0	23	8	FAIYÛM
330	10	3	03	2	8	Ac	7.9	-7.0	23	43	+11	18	+4	38	8	0	5		MINYA
320	8	4	06	2	7	Cs	9.0	-3.9	24	44	+11	20	+4	47	12	0	3		ASYÛT MANQABÂD
320	2	7	02	1	6	Ac, Cs	8.6	-3.6	25	42	+8	22	+7	54	15	0	0.1		NAGʻ HAMMÂDI
00	0	7	03	1	8	Ac	8.4	-3.2	27	43	+6	24	+6	33	9	0	2		QENA
290	4	15	03	2	8	Cs	7.5	-4.4	29	46		26		31	10	0	dr.		LUXOR
340	8	15	10	4	0	—	7.1	-4.6	29	42	+5	28	+7	19	3	0	dr.		ASWÂN
280	12	14	02	2	7	Ac	9.8	-5.1	20	29	-2	19	+6	69	14	0	26	8	SÎWA
270	3	35	02	2	6	Ac	8.3	-5.9	21	37	+5	19	+5	65	14	0	1	7	BAHARÎYA
320	15	1.8	10	4	6	Ci	10.8		21	42		17		57	12	0	Rain		FARAFRA
340	11	3	35	3	0	—	10.4	-2.7	25	41	+6	21	+5	22	2	0	dr.		DAKHLA
00	0	3			0	—	9.5	-2.9	26	45	+10	24	+6	30	7	0	dr.		KHARGA
310	2	35	00	0	7	Cu, Ci	5.3	-8.2	24	29	-1	20	+4	47	12	0	44	16	SUEZ
																		13	TÔR
320	10	7	04	2	8	As	4.8	-7.5	26	29	+3	20	+3	51	15	0	dr.		HURGHADA
360	9	15	03	2	8	Ac	5.0	-6.5	25	27	-2	23	+2	84	22	0	dr.	4	QUSEIR
130	3	30	02	0	0	—	7.9		31	33		20				0	211	96	PORT SÛDÂN
330	1	1	05	0	0	—	8.1		29	47		25		18	2	0	dr.		WÂDI HALFA
180	1	30	02	0	0	—			31	42		23		28	10	0			ABU HAMAD
180	4	30	02	0	0	—	6.8		29	42		22		20	4	0	dr.	1	KAREIMA
100	7	30	02	0	0	—	6.9		33	42		23		8	-6	0	dr.	3	ʻATBARA
70	2	30	02	0	0	—	7.6		30	42		22		16	1	0	0.6	5	KHARTÛM
200	3	30	02	0	0	—	6.4		28	42		23		25	5	0	49	11	KASSALA
																		14	WÂD MEDANI
360	2	35	02	0	0	—			33	40		25		23	9	0		56	RENK
230	2	35	02	0	0	—	7.3		30	41		23		33	12	0	92	51	ROSEIRES
210	3	30	02	0	0	—	6.3		32	40		22		7	-8	0	15	18	EL OBEID
																		6	EL FÂSHER
																		7	GENEINA
240	15	30	03	2	8	Cs	7.9		30	40		26		55	20	0	131	119	MALAKÂL
230	11	30	03	0	5	Ci	8.8		28	38		26		70	22	0	230	226	WÂU
180	8	50	03	2	8	Cb, Ac, Cs	10.0		27	35		23		70	21	0	312	290	JUBA

HUMIDITY % Mean of day

	26th	Diff. from normal
[illegible]	54	-15
Ezbekiya	22	-30
Giza	26	-28
Helwan		

GÎZA
GRASS MINIMUM TEMP.
ON 27th 18.9

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		Siwa		Dakhla		Hurghada		P. Said	
Time	14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	27	320	20	270	37	300	21	350	20	280	38
600	290	24	300	17	270	46	300	23	340	23	280	35
1000					270	42			330	24	270	33
1500									220	28		
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on

Station	Sîdi Barâni	Matrûh	Fouad Airport	Port Saʻîd	El ʻArîsh	Helwân	Minya	Asyût Manqabâd	Luxor	Aswân	Hurghada	
Time				3			2					
Height m. (Dir. Vel.)												
300				240 24			320 7					
600				250 30			310 9					
1000				250 35			320 10					
1500							300 14					
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	4			4		
Height m. (Dir. Vel.)												
300					360 1							
600					20 18	160 15	150 11			240 24		
1000					20 25	150 10	160 10			240 32		
1500						280 3	150 5			290 12		
2000							100 3			30 7		
3000						290 24	340 3					
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.

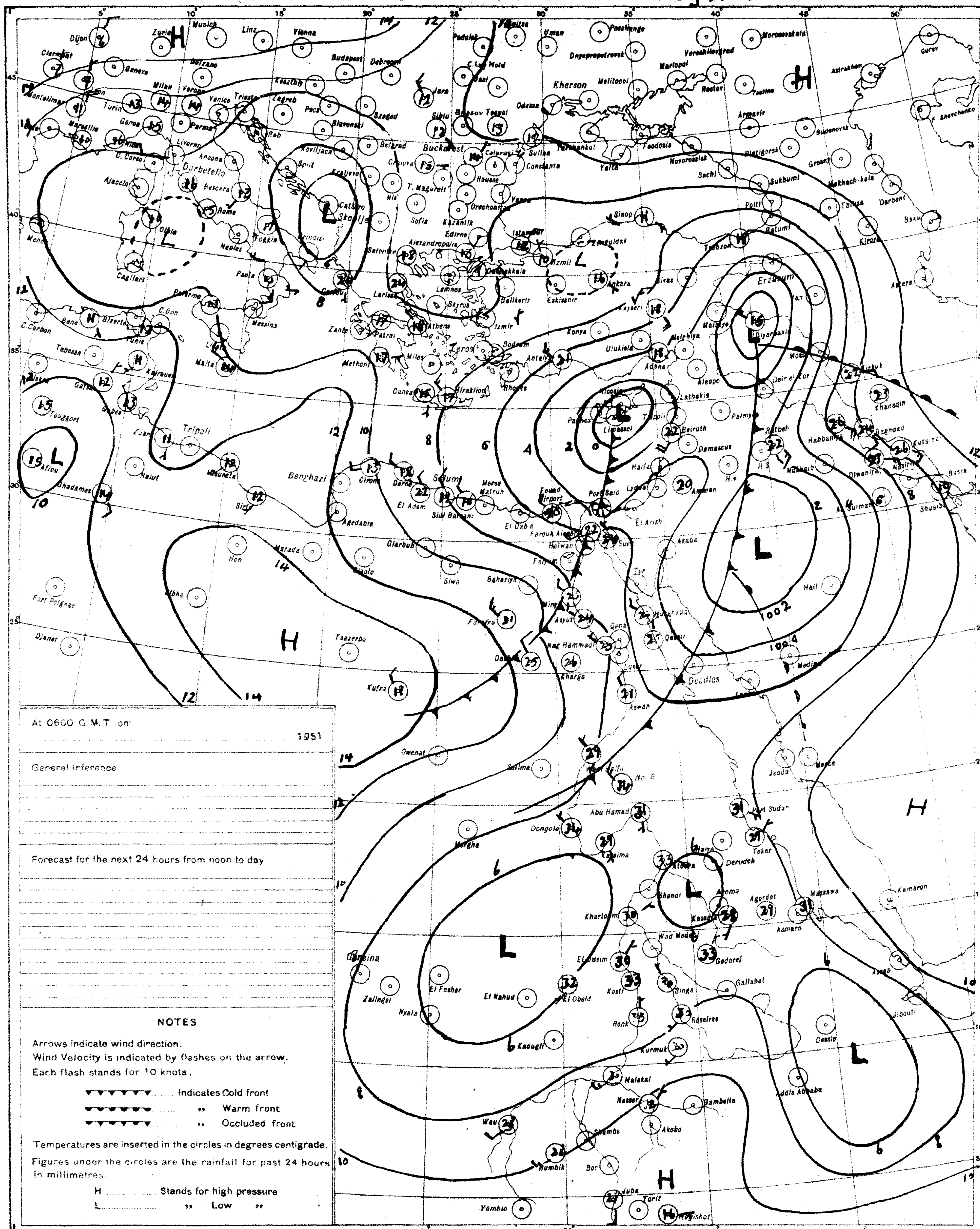
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

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 27-4-1952



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 3 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 : MONDAY 28th APRIL 1951

At 1200 on SUNDAY 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	20	9	35	00	1	2	Ac	9.1	21	65	14
	303	SIDI BARANI	300	14	30	00	0	0	—	9.6	20	64	13
	306	MATRUH	310	13	18	00	0	0	—	9.5	21	65	14
	309	EL DABA	320	13	35	00	0	0	—		20	73	15
		ALEXANDRIA	310	19	50	00	0	0	—	8.2	20	73	15
	318	FOUAD (Airport)	280	21	14	01	1	0	—	7.9	21	65	14
	330	DAMIETTA	270	5	7	02	2	8	As	6.3	25	48	13
	333	PORT SA'ID	280	18	14	01	0	0	—	4.5	26	42	12
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	130	9	15	02	0	0	—	8.2	24	54	14
	342	MANSURA	320	13	35	00	1	0	—	6.7	27	42	13
	348	TANTA	270	13	35	02	1	0	—	6.0	27	42	13
	354	ZAGAZIG	220	2	50	01	1	3	Cu	5.9	26	55	16
	440	ISMA'ILIA											
CAIRO AREA	366	FAROUK (Airport)	290	16	4	06	3	2	Sc	7.1	27	40	12
	372	ALMAZA	270	20	6	06	3	2	As	6.8	27	37	11
		EZBEKIYA	270		14	06	2	3	Ci	6.9	28	40	13
		GIZA	270		14	06	2	3	Ci	6.6	29	35	12
	378	HELWAN	270	12	15	05	4	8	As	7.2	26	48	14
UPPER EGYPT	381	FAIYUM	290	8	7	08	3	6	As	7.2	29	27	8
	387	MINYA	290	11	19	05	3	8	Ac	7.5	30	24	7
	393	ASYUT MANQABAD	190	14	3	06	2	7	As	8.2	29	31	10
	399	NAG' HAMMADI	320	2	15	02	1	5	Cs	8.0	32	28	11
	402	QENA	270	2	35	01	1	6	Cs	7.2	34	14	3
	405	LUXOR											
	414	ASWAN	310		15	10	4	0	—	5.8	36	13	4
OASES	417	SIWA	270	10	14	01	2	2	Cu	10.2	27	35	10
	420	BAHARIYA	320	2	35	02	1	0	—	9.1	28	45	15
	423	FARAFRA	310	5		02	4	5	Ac	10.3	28	40	13
	432	DAKHLA	340	14	15	00	0	0	—	10.0	28	27	7
	435	KHARGA	340	2	7	02	2	5	Ci	9.0	31	22	7
RED SEA	450	SUEZ	220	6	50	01	0	5	Cu, Ci	5.1	30	35	13
	459	TOR	310	9	7	05	2	8	Cs	4.7	32	28	11
	462	HURGHADA	20	19	7	06	2	8	As	5.1	26	55	16
	465	QUSEIR	20	9	15	04	2	8	Ac	4.8	27	70	21
	641	PORT SUDAN	110	12	30	02	0	0	—	5.9	35	30	15
NORTH SUDAN	600	WADI HALFA	360	13	4	05	0	0	—	6.1	38	11	3
	640	ABU HAMAD	130	1	30	02	0	0	—		43	13	9
	660	KAREIMA	310	5	30	02	0	0	—	3.0	43	9	4
	680	'ATBARA	360	6	30	02	0	0	—	1.9	43	6	-3
	721	KHARTUM	20	2	50	02	0	0	—	2.2			-5
	730	KASSALA	290	3	30	02	0	0	—	0.6	41	11	5
CENTRAL SUDAN	751	WAD MEDANI	360	19	35	02	0	0	—	1.1	43	4	-7
	801	RENK	230	5	35	02	0	2	Cu		42	11	5
	802	ROSEIRES	360	2	35	02	0	0	—	1.3	42	5	-5
	771	EL OBEID	130	3	50	02	0	0	—	2.1	40	10	3
	760	EL FASHER	00	0	30	02	2	8	Cs		40	11	4
	770	GENEINA	270	6	30	02	1	3	Cu		37	20	11
S. SUDAN	840	MALAKAL	270	5	30	25	8	6	Cb, Ci	2.5	38	31	18
	880	WAU	290	6	30	03	2	6	Cu, Cs	4.8	36	42	21
	941	JUBA	180	12	30	95	9	8	Cb, Ac		21	88	19

At 1800 on SUNDAY 27th

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	140	5	15	00	0	0	—	10.2	22	57	13	0
303	SIDI BARANI	320	6	18	03	0	2	Cb	9.8	18	78	14	0
306	MATRUH	280	7	18	00	0	0	—	10.8	17	83	14	0
309	EL DABA	320	5	7	00	0	0	—		17	88	15	0
	ALEXANDRIA	310	16	35	00	0	0	—	9.0	18	83	15	0
318	FOUAD (Airport)	320	13	12	02	0	0	—	9.8	18	83	15	0
330	DAMIETTA	320	9		01	1	3	Cu	8.4	19	73	14	0
333	PORT SA'ID	310	19	14	02	0	0	—	7.7	19	83	16	0
336	EL 'ARISH												
339	DAMANHUR	270	9	15	02	1	2	Cu	10.0	18	83	15	0
342	MANSURA	270	9		00	0	0	—	10.0	19	73	14	0
348	TANTA	00	0	35	02	0	0	—	9.5	18			0
354	ZAGAZIG	320	1	35	02	1	0	—	9.4	22	57	13	0
440	ISMA'ILIA												
366	FAROUK (Airport)	320	8	12	00	0	0	—	10.1	22	47	10	0
372	ALMAZA	320	10	10	00	0	0	—	9.7	22	47	10	0
	EZBEKIYA	360	2	12	00	0	0	—	10.0	20	56	11	0
	GIZA	360	2	12	00	0	0	—	9.5	21	50	10	0
378	HELWAN	340	12	3	05	0	0	—	9.5	22	50	11	0
381	FAIYUM	360	6	35	01	1	1	As	8.3	25	42	11	0
387	MINYA	300	4	8	00	2	0	—	8.2	24	41	10	0
393	ASYUT MANQABAD	260	5	6	06	0	0	—	9.2	26	37	10	0
399	NAG' HAMMADI	00	0	15	00	1	0	—	9.1	24			0
402	QENA	270	1	7	02	1	6	Ac	8.2	27	33	9	0
405	LUXOR												
414	ASWAN	00	0	15	00	0	0	—	8.0	30	21	5	0
417	SIWA	300	6	8	00	0	0	—	10.3	25	42	11	0
420	BAHARIYA	00	0	15	02	0	0	—	9.0	23	61	15	0
423	FARAFRA	320	2	7	02	2	0	—	10.8	23	50	12	0
432	DAKHLA	320	11	7	00	0	0	—	10.3	26	30	7	0
435	KHARGA	00	0	7	00	0	0	—	11.5	25	26	4	0
450	SUEZ	360	6	15	01	0	0	—	7.6	24	47	12	0
459	TOR	360	5	7	05	2	4	Cs	7.1	25	54	15	0
462	HURGHADA												
465	QUSEIR	120	9	15	01	1	4	As	6.6	26	62	18	0
641	PORT SUDAN												
600	WADI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTUM												
730	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 MONDAY 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.	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	270	9	15	00	0	0	—	12.2	-1.2	17	22	-4	14	0	68	11	0	Rain		SALUM
303	SIDI BARANI	280	13	18	01	1	1	Sc	11.9		18	21		15		68	12	0	115		SIDI BARANI
306	MATRUH	280	12	18	03	1	4	Cu	12.4	-1.9	19	21		16		73	14	0	132		MATRUH
309	EL DABA	290	8	15	02	1	4	Cu			18	23		12		83	15	0	214		EL DABA
	ALEXANDRIA	270	11	50	01	1	3	Cu			18	21	-4	15	-1	88	16	0	166	183	ALEXANDRIA
318	FOUAD (Airport)	260	13	18	03	0	2	Sc	11.9	-3.1	20	22	-2	13	-2	73	15	0	Rain	138	FOUAD (Airport)
330	DAMIETTA	320	5	15	00	0	0	—	11.0	-3.0	19	25	+1	13	-2	83	16	0	171	103	DAMIETTA
333	PORT SA'ID	240	11	12	02	0	0	—	10.7	-3.8	18	27	+4	16	-2	78	14	0	92	77	PORT SA'ID
336	EL 'ARISH																				EL 'ARISH
339	DAMANHUR	310	9	15	02	0	0	—	11.4	-2.6	20	26	-2	14	0	73	15	0	87	98	DAMANHUR
342	MANSURA	270	5	35	00	0	0	—	11.8	-2.4	19	27	-2	12	-2	83	16	0	62	52	MANSURA
348	TANTA	00	0	35	02	0	0	—	11.9	-2.3	19	27	-3	12	-1	83	16	0	65	40	TANTA
354	ZAGAZIG	00	0	35	02	0	0	—	12.6	-1.7	20			13	0	73	15	0	30	26	ZAGAZIG
440	ISMA'ILIA																				ISMA'ILIA
366	FAROUK (Airport)	290	1	12	00	0	0	—	11.6		20	28		15		53	10	0	83		FAROUK (Airport)
372	ALMAZA	00	0	12	00	0	0	—	12.0	-2.8	22	28	-3	17	+1	47	10	0	71		ALMAZA
	EZBEKIYA	00	0	12	00	0	0	—	11.9	-2.0	21	29	-1	15	0	57	12	0	61	24	EZBEKIYA
	GIZA	00	0	12	00	0	0	—	11.6	-2.3	23	30	0	12	0	44	10	0	58	24	GIZA
378	HELWAN	00	0	15	02	0	0	—	12.6	-0.9	20	28	-2	15	0	46	8	0	59	27	HELWAN
381	FAIYUM	00	0	35	02	0	0	—	12.6	-1.0	21	30	-2	15	0	50	10	0	23	8	FAIYUM
387	MINYA	360	2	8	00	0	0	—	12.0	-2.8	20	31	-1	14	0	64	13	0	5		MINYA
393	ASYUT MANQABAD	310	5	10	00	0	0	—	12.8	-0.1	22	29	-4	18	+1	47	10	0	3		ASYUT MANQABAD
399	NAG' HAMMADI	00	0	15	00	0	0	—	13.0	+0.8	24	32	-2	17	+1	61	16	0	0.1		NAG' HAMMADI
402	QENA	270	2	35	00	0	0	—	12.2	+0.7	26	35	-2	19	+1	42	12	0	2		QENA
405	LUXOR	00	0	15	00	0	0	—	11.2	-0.6	27	37		19		37	11	0	do.		LUXOR
414	ASWAN	20	6	50	01	1	3	Ci	11.8	+0.2	26	37	0	22	+1	30	7	0	do.		ASWAN
417	SIWA	350	10	14	00	0	0	—	14.4	-0.4	19	28	-4	16	+2	56	10	0	26	8	SIWA
420	BAHARIYA	00	0	35	02	0	0	—	12.6	-1.6	23	29	-3	15	+1	30	12	0	1	7	BAHARIYA
423	FARAFRA	320	8	15	02	0	0	—	13.8		22	29		15		50	11	0	Rain		FARAFRA
432	DAKHLA	340	8	50	00	0	0	—	13.8	+0.8	22	29	-6	16	-1	44	9	0	do.		DAKHLA
435	KHARGA	00	0	7	00	0	0	—	13.3	+1.0	22	32	-3	17	-1	50	11	0	do.		KHARGA
450	SUEZ	360	3	35	00	0	0	—	11.0	-2.5	20	31	+1	15	-2	64	13	0	44	16	SUEZ
459	TOR	310	9	15	01	1	2	Cs	10.7	-0.8	23			21	+3	65	16	0	1	13	TOR
462	HURGHADA																				HURGHADA
465	QUSEIR	40	9	15	00	0	0	—	10.8	-0.6	26	27	-2	21	0	55	16	0	do.	4	QUSEIR
641	PORT SUDAN	30	7	30	03	0	1	Ci	9.1		31	37		23		62	23	0	211	96	PORT SUDAN
600	WADI HALFA	20	10	15	05	0	0	—	11.7		25	38		22		30	6	0	do.		WADI HALFA
640	ABU HAMAD	360	9	10	07	0	0	—			31	43		27		17	3	0			ABU HAMAD
660	KAREIMA	50	11	30	05	1	0	—	9.4		31	44				17	3	0	do.	1	KAREIMA
680	'ATBARA																			3	'ATBARA
721	KHARTUM	30	9	15	05	0	1	Ci	7.6		32	43		25		9	-5	0	0.6	5	KHARTUM
730	KASSALA	210	1	30	03	0	0	—	7.4		29	42		24		25	7	0	49	11	KASSALA
751	WAD MEDANI																			14	WAD MEDANI
801	RENK																			56	RENK
802	ROSEIRES	240	2	35	02	0	0	—	9.1		30	43		24		49	18	0	92	32	ROSEIRES
771	EL OBEID	200	14	30	03	0	7	Cs	8.0		29	42		23		35	12	0	15	18	EL OBEID
760	EL FASHER																			6	EL FASHER
770	GENEINA																			7	GENEINA
840	MALAKAL	180	12	30	03	1	8	Cs	11.5		27	39		26		58	18	0.3	131	120	MALAKAL
880	WAU	180	7	30	03	2	8	As, Cs	10.1		28	38		27		58	19	0	230	229	WAU
941	JUBA	180	5	30	03	2	7	Ac	11.6		22	22				94	21	27	339	295	JUBA

HUMIDITY % Mean of day

STATION	on 27th	Diff. from normal
Alexandria	41	-28
Ezbekiya	46	-5
Giza	46	-8
Helwan	46	+7

GIZA GRASS MINIMUM TEMP. ON 28th 10.0

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 — FAROUK AIRPORT — On 27th At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	70	26		300	13
950					
900					
850	1468	13		270	17
800					
700	3081	6		270	29
600					
500	5753	-12		280	49
400	7426	-23		280	44
300	9450	-41		280	54

AIRPORT — On ..... At .....

PRESSURE 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		Almaza		Minya		Asyut		Siwa		Dakhla		Kharga		P. Said		S. Barnu								Minya	
TIME	14		14 30		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	310	12	320	13	290	10	280	12	270	23	290	35	340	15	290	24	300	12							310	16
600	330	7	310	16	300	9	290	21	270	23	320	23	340	19	280	23	290	7							310	13
1000	330	10	280	17	290	10	280	23	280	16	300	22	340	19	270	17	280	8							320	11
1500	280	7	280	18			270	28	290	10					260	15	270	18							300	7
2000	280	30	260	23					310	9																
3000																										
4000																										
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	8		4		8		8						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	300	24	300	17	260	8	250	11					260	5	320	13			340	12	330	35		
600	280	14	300	14	260	20	270	9					280	4	310	23			350	12	320	24		
1000	290	20	280	14	260	18	270	7					280	6	300	23			340	13	330	10		
1500	290	26	260	21	260	20	300	3					300	7	290	14					360	30		
2000	260	30					340	3					260	10	200	3					20	11		
3000							310	3																
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						5				3				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	320	6	280	16	310	39	330	5																
600	350	9	290	13	310	42	350	12					40	13			20	4					180	15
1000	310	18	280	7	320	29	340	11					40				40	2			40	9	180	32
1500	330	36	270	10			300	16					20	17			10	8			80	20	200	29
2000	320	36																					290	14
3000	290	30											350	16			290	8			110	14	20	21
4000	300	33																						
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.

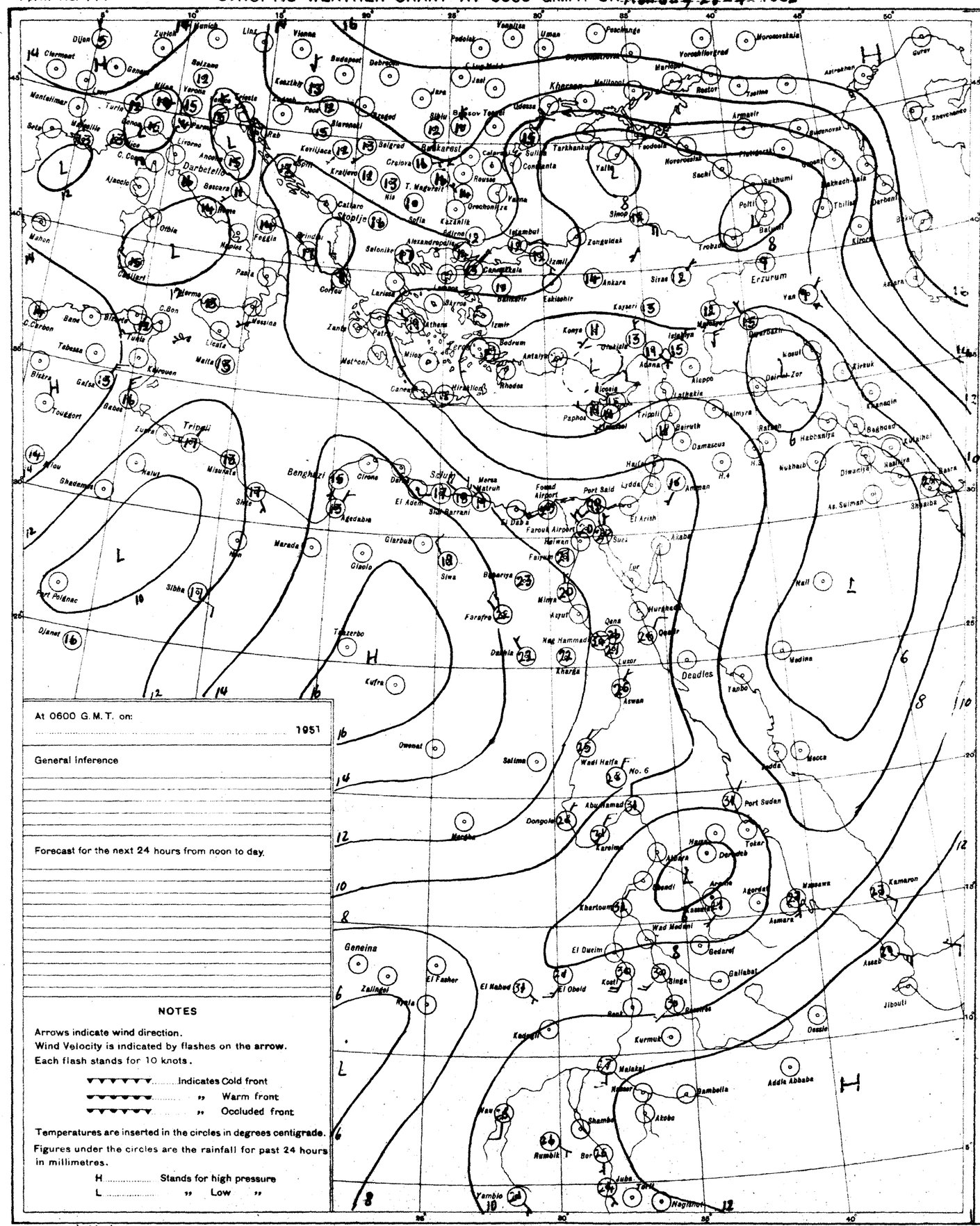
Note: All times are G.M.T.

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 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 ,,

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 14 G. M. T.

" " Sunset 16 31 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 29th April, 1952

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	40	13	35	00	0	0	—	11.9	19	43	6
	303	SIDI BARANI	330	15	30	01	0	0	—	12.0	20	60	12
	306	MATRUH	310	16	18	01	1	1	Cu	12.5	20	64	13
	309	EL DABA	320	21	35	00	0	0	—		21	57	12
		ALEXANDRIA	310	14	50	00	0	0	—	11.9	20	73	15
	318	FOUAD (Airport)	300	14	18	02	1	4	SC	11.6	22	61	14
	330	DAMIETTA	320	5	15	03	1	5	Cu	11.0	21	74	16
	333	PORT SA'ID	20	11	18	02	0	1	SC	10.1	22	69	16
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	13	15	02	1	1	AC	11.0	25	47	13
	342	MANSURA	320	9	35	03	2	4	Cu	11.1	29	35	12
	348	TANTA	200	8	35	01	1	3	Cu	11.2	26	40	13
	354	ZAGAZIG	220	2	50	02	0	0	—	11.1	28	45	15
	441	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	320	10	30	03	1	5	SC	11.2	27	28	7
	372	ALMAZA	320	10	30	03	1	5	SC	11.2	27	33	9
		EZBEKIYA	320	2	18	02	1	6	Cu	10.3	29	31	10
		GIZA	320	2	18	02	1	6	Cu	10.3	30	25	8
	378	HELWAN	00	0	35	03	1	5	Cu	10.7	28	27	7
Upper Egypt	381	FAIYUM	330	4	35	03	0	1	Cu, SC	10.3	30	31	11
	387	MINYA	300	4	10	00	0	0	—	10.2	31	22	7
	393	ASYUT MANQABAD	330	4	8	10	0	0	—	10.8	30	27	9
	399	NAG' HAMMADI	270	1	35	01	0	3	CS	11.0	32	34	14
	402	QENA	320	1	50	00	0	0	—	10.2	34	14	3
	405	LUXOR	290	7	30	00	0	0	—	9.7	33	26	11
	414	ASWAN	340	6	50	00	0	0	—	9.1	34	18	6
Oases	417	SIWA	290	10	14	00	0	0	—	13.5	27	20	2
	420	BAHARIYA	320	3	35	02	0	0	—	10.7	30	35	13
	423	FARAFRA	270	4	35	02	0	0	—	13.0	29	40	14
	432	DAKHLA	360	11	50	00	0	0	—	11.5	30	7	-10
	435	KHARGA	00	0	15	00	0	0	—	10.8	33	24	10
Red Sea	450	SUEZ	180	5	50	02	0	0	—	9.3	27	33	9
	459	TOR	310	5	35	02	0	0	—	9.8	29	52	18
	462	HURGHADA	360	6	30	02	0	0	—	9.3	26	62	18
	465	QUSEIR	20	13	15	02	0	0	—	10.2	26	64	23
	641	PORT SUDAN	70	14	30	02	0	0	—	8.0	31	74	26
North Sudan	690	WADI HALFA	360	5	10	05	0	0	—	8.6	35	14	4
	640	ABU HAMAD	10	4	30	02	0	0	—		41	12	6
	669	KAREIMA	330	7	7	05	0	0	—	5.0	41	10	3
	680	'ATBARA	350	5	10	07	0	0	—	3.0	42	6	-2
	721	KHARTUM	30	9	30	03	0	2	Ci	3.2	43	7	0
	730	KASSALA	160	2	30	03	1	6	Ci	1.3	43	13	9
Central Sudan	751	WAD MEDANI	310	9	35	02	2	8	Ci	2.6	42		
	801	RENK											
	802	ROSEIRES	230	2	35	02	1	0	—	4.4	39	26	16
	771	EL OBEID	50	2	30	03	2	8	Ac Cs	3.2	40	13	7
	760	EL FASHER	90	3	10	03		8	CS		39	13	6
	770	GENEINA	140	8	30	03	1	3	Cu		40	13	7
	840	MALAKAL	230	5	30	02	2	8	Cu Cs	6.3	37	33	18
	880	WAU	200	6	30	02	2	7	Ac Cs		37	35	17
	881	JUBA	160	3	50	01	2	5	Ch, Ac	6.2	31	59	22

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	320	5	15	00	0	0	—	11.8	18	60	10	0
SIDI BARANI	320	10	18	00	0	0	—	11.6	17	64	10	0
MATRUH	270	4	12	00	0	0	—	12.0	16	72	11	0
EL DABA	00	0	7	00	0	0	—		17	83	14	0
ALEXANDRIA	360	13	35	00	0	0	—	11.9	18	60	10	0
FOUAD (Airport)	330	14	12	02	0	0	—	11.2	17	72	12	0
DAMIETTA	320	2	7	01	1	3	Cu	11.8	18	88	16	0
PORT SA'ID	340	14	12	03	0	2	SC AC	10.4	19	78	15	0
EL 'ARISH												
DAMANHUR	310	9	15	02	0	0	—	11.6	17	68	11	0
MANSURA	320	9		00	1	0	—	11.6	19	64	12	0
TANTA	130	2	35	02	0	0	—	11.9	18	60	10	0
ZAGAZIG	220	1				0	—	11.5	20	83	17	0
ISMA'ILIA												
FAROUK (Airport)	340	10	12	03	2	5	SC	12.5	21	50	10	0
ALMAZA	340	16	12	00	1	0	—	11.2	21	57	12	0
EZBEKIYA	360	4	12	00	0	0	—	11.2	21	50	10	0
GIZA	360	4	12	00	0	0	—	11.5	21	50	10	0
HELWAN	040	6	7	01	1	0	—	10.8	21	57	12	0
FAIYUM	330	8	35	02	0	1	Cu, SC	11.5	23	44	10	0
MINYA	300	4	8	00	0	0	—	9.9	25	30	6	0
ASYUT MANQABAD	290	1	10	00	0	0	—	10.1	26	37	10	0
NAG' HAMMADI	00	0	15	00	0	0	—	10.1	23	61	15	0
QENA	320	2	7	00	0	0	—	10.3	27	33	9	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	8.8	29	23	6	0
SIWA	00	0	8	00	0	0	—	12.8	24	32	6	0
BAHARIYA	320	2	15	02	0	0	—	11.8	24	47	12	0
FARAFRA	320	3	15	02	0	0	—	12.7	23	44	10	0
DAKHLA	340	11	35	00	0	0	—	10.8	27	15	-2	0
KHARGA	360	2	15	00	0	0	—	11.1	24	32	6	0
SUEZ	360	8	15	02	0	0	—	9.3	23	61	15	0
TOR	310	5	35	02	0	0	—	8.3	25	74	20	0
HURGHADA												
QUSEIR	120	5	15	02	0	0	—	10.3	25	79	21	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Tuesday 29th April, 1952

Station	Wind 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	1	3	SC, Cu	13.8	+0.4	19	24	-2	13	-2	64	12	0	Rain	
SIDI BARANI	230	6	15	02	2	7	SC AC	12.6		16	20		12		72	11	0	115	
MATRUH	240	4	14	02	2	7	N, AC	12.9	-1.4	16	21		12		77	12	0	132	
EL DABA	270	4	15	03	2	6	SC, Cu			18	21		10		60	10	0	214	
ALEXANDRIA	270	13	50	03	1	5	Sc	12.6	-1.5	17	22	-3	16	0	77	13	0	166	183
FOUAD (Airport)	270	10	18	03	1	5	SC	12.2	-2.7	19	22	-3	14	-1	73	14	0	Rain	138
DAMIETTA	200	5	15	00	0	0	—	11.8	-2.1	18	24	0	13	-3	73	13	0	171	103
PORT SA'ID	270	13	11	01	0	1	Sc	11.2	-3.2	19	25	+1	16	-2	64	12	0	92	
EL 'ARISH																			
DAMANHUR	270	9	7	02	1	2	Cu	12.3	-1.7	19	26	-2	12	-2	73	14	0	87	98
MANSURA	270	5	35	00	0	0	—	12.6	-1.5	19	29	0	12	-2	64	12	0	62	52
TANTA	220	2	35	02	0	0	—	12.7	-1.5	19	29	-1	11	-2	64	12	0	65	40
ZAGAZIG	220	1	35	02	0	0	—	12.8	-1.5	19	30	0	12	-1	64	12	0	30	26
ISMA'ILIA																			
FAROUK (Airport)	210	7	10	05	0	0	—	12.6		21	29		14		41	7	0	83	
ALMAZA	240	10	14	00	0	0	—	12.5	-1.2	20	29	-2	15	-1	41	6	0	71	
EZBEKIYA	00	0	12	00	0	0	—	12.6	-1.3	21	31	+1	16	+1	47	9	0	61	24
GIZA	00	0	12	00	0	0	—	12.8	-1.1	22	31	+1	12	0	50	11	0	58	24
HELWAN	00	0	7	05	0	0	—	13.2	-0.3	19	30	0	15	-1	46	7	0	59	27
FAIYUM	00	0	35	02	0	0	—	13.5	0.0	20	31	-1	13	-2	56	11	0	23	8
MINYA	00	0	10	03	0	1	Ci	13.5	+1.2	20	32	0	12	-2	53	10	0	5	
ASYUT MANQABAD	00	0	10	00	0	0	—	14.0	+1.2	23	32	-1	16	-1	47	11	0	3	
NAG' HAMMADI	00	0	50	00	0	0	—	14.2	+2.1	23	32	-2	17	+1	50	12	0	0.1	
QENA	360	1	35	00	0	0	—	13.5	+2.1	26	35	-2	17	-1	37	10	0	2	
LUXOR																			
ASWAN	340	6	50	00	0	0	—	13.3	+1.8	26	35	-2	21	0	39	10	0	dr.	
SIWA	110	4	14	00	0	0	—	13.6	-1.2	20	28	-4	14	0	41	6	0	26	8
BAHARIYA	00	0	35	02	0	0	—	12.8	-1.3	23	31	-1	13	-2	44	10	0	1	7
FARAFRA	220	3	35	02	0	0	—	13.9		20	31		13		46	8	0	Rain	
DAKHLA	340	8	50	00	0	0	—	14.3	+1.3	22	32	-4	16	-1	36	6	0	dr.	
KHARGA	10	4	7	00	0	0	—	13.6	+1.4	23	33	-3	20	+2	38	8	0	dr.	
SUEZ	90	4	35	00	0	0	—	12.6	-0.8	20	30	0	11	-1	38	5	0	44	16
TOR	310	5	35	02	0	0	—	11.9	+0.4	23			18	0	38	8	0	1	13
HURGHADA																			
QUSEIR	20	9	15	02	0	0	—	11.6	+0.2	23	27	-2	21	0	44	10	0	dr.	4
PORT SUDAN	330	8	10	05	0	0	—	10.0		30	33		25		46	17	0	211	96
WADI HALFA	30	12	30	01	6	6	AC	12.4		27	36		21		28	7	dr.	dr.	
ABU HAMAD	360	12	15	07	0	0	—			29	42		24		23	6	0		
KAREIMA	20	12	10	05	0	0	—	10.1		30	42		26		18	3	0	dr.	1
'ATBARA	350	15	7	07	0	0	—	7.5		32	43		26		13	0	0	dr.	3
KHARTUM	20	12	10	05	1	5	CS	7.7		31	44		25		11	-3	0	0.6	5
KASSALA	180	1	30	03	1	4	Ci	6.3		30	44		25		25	8	0	49	11
WAD MEDANI	50	5	7	02	0	0	—	6.7		31	43		24		13	0	0	20	14
RENK																			56
ROSEIRES	230	5	35	02	0	3	Ci	7.6		33	41		26		41	18	0	92	52
EL OBEID	00	0	30	03	0	1	Ci	8.1		33	41		24		13	1	0	15	18
EL FASHER																			6
GENEINA																			7
MALAKAL	180	13	30	02	2	1	CS	8.6		32	38		27		43	18	0	131	121
WAU	200	6	30	02	2	7	CS	8.9		29	38		26		62	21	0	230	232
JUBA	180	7	50	03	1	5	Ac Cs	11.5		27	31		23		70	21	0	339	300

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					

Remarks

UPPER WIND OBSERVATIONS on 28th

Station	Matruh		Port Said		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		S. Barani				Almaza		Minya		Port Said	
Time	14		14		14		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	310	15	340	12	280	8	310	14	280	27	310	14	350	16	350	12	320	19			10	11	360	20	300	16
600	300	17	320	14	290	5	300	11	280	23	310	15	320	21	350	13	310	25			30	21	340	17	290	12
1000	270	12	290	25	280	13	300	9	290	24	310	10	300	21	330	16	290	15			330	23	320	21	220	26
1500	260	23	300	9	290	13	280	10	300	21	320	16					260	23			270	21	290	13	240	31
2000			250	9			270	17	300	24											270	21				
3000							270	30	310	26																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 29th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time			4				2						2						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			280	11			250	16					260	4					350	8			230	9
600			320	9			260	29					290	10					360	12			250	8
1000			300	14			250	19					300	30					360	15			250	20
1500			310	29			260	19					320	23					20	7			270	29
2000							260	29																
3000							260	12																
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
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							50	14																
600							340	18																
1000							10	21																
1500							10	20																
2000							360	16																
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.

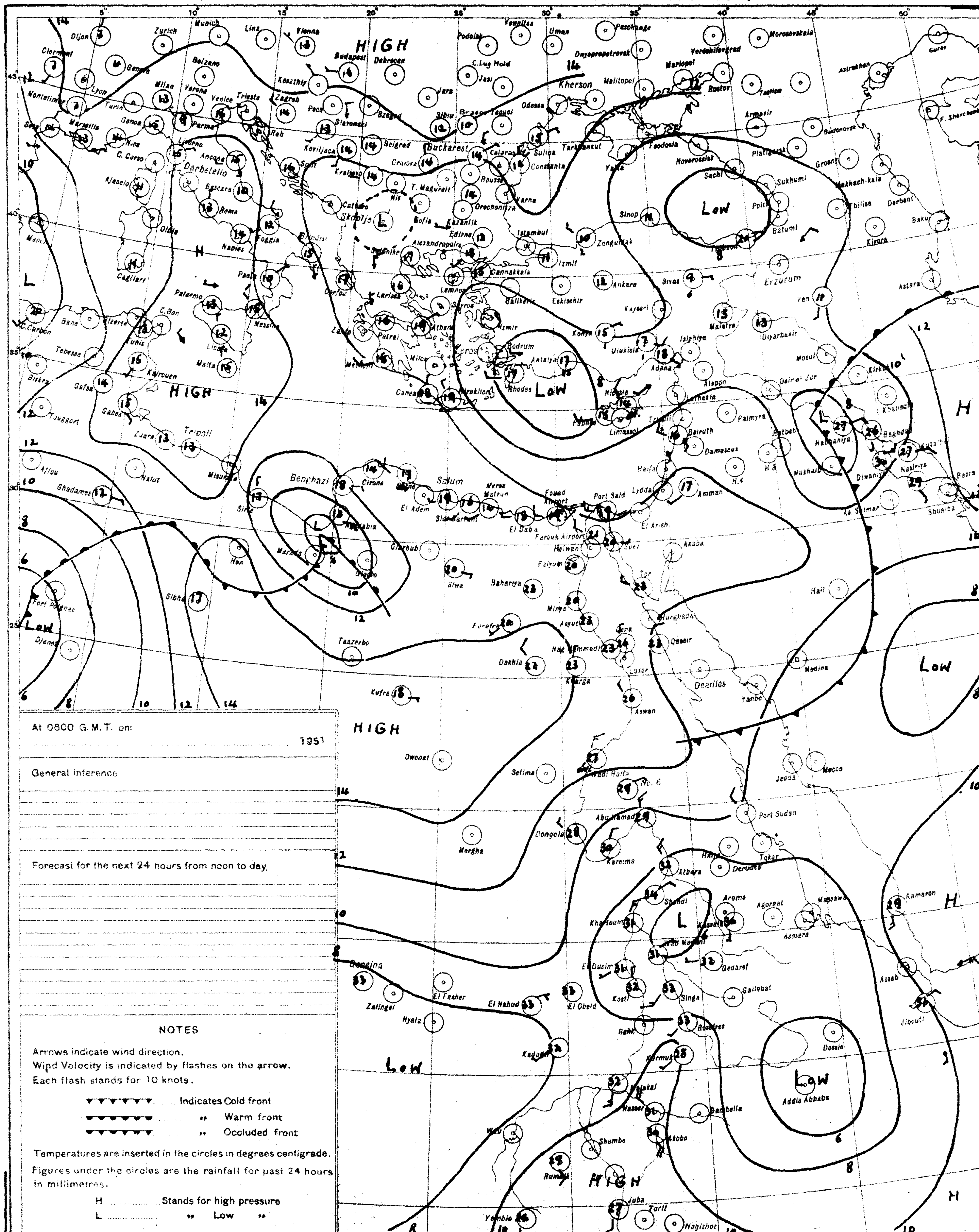
Note: All times are G.M.T.

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 29-4-1952*



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 / 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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 13 G.M.T.
" " Sunset 16 31 G.M.T.

JUN 30 1952 WEATHER BUREAU

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

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 30th April, 1951 2

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	SALÛM	90	5	35	02	1	3	Ci	11.6	21	57	12
	303	SÎDI BARÂNI	150	4	30	03	0	0	—	11.7	20	60	12
	306	MATRÛH	330	11	30	00	0	0	—	12.8	21	50	10
	309	EL DABA	320	11	35	00	0	0	—		21	50	10
		ALEXANDRIA	270	16	50	01	2	3	Cu	13.1	20	73	15
	318	FOUAD (Airport)	300	15	18	01	1	2	SC	12.7	21	65	14
	330	DAMIETTA	340	5	35	00	0	1	AC	12.8	21	65	14
	333	PORT SAÏD	350	15	30	02	0	1	SC	11.0	20	78	16
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	13	15	02	0	0	—	12.3	21?	65	14
	342	MANSURA	270	9	35	00	0	0	—	12.0	26	37	10
	348	TANTA	360	5	35	02	0	0	—	11.8	27	33	9
	354	ZAGAZIG	320	2	50	02	0	0	—	12.3	27	37	11
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	320	15	30	03	2	5	CS	12.2	26	32	8
	372	ALMÂZA	260	16	18	03	1	6	CS	12.0	26	30	7
		EZBEKÎYA	350		18	02	1	1	Ci	11.6	28	25	6
		GÎZA	350		18	02	1	1	Ci	12.0	28	22	4
	378	HELWÂN	290	11	35	03	1	2	Ci	12.2	27	20	2
Upper Egypt	381	FAIYÛM	00	0	35	03	1	4	SC	12.0	29	23	6
	387	MINYA	320	4	10	03	0	2	Ci	12.0	32	11	-2
	393	ASYÛT MANQABÂD	360	6	30	03	0	2	Ci	11.8	31	17	3
	399	NAG' HAMMÂDI	270	2	35	01	0	4	AC CS	11.6	33		
	402	QENA	280	2	50	03	1	3	Ci	10.4	35	15	5
	405	LUXOR											
	414	ASWÂN	360	5	50	00	0	0	—	10.4	33	16	4
Oases	417	SÎWA	180	6	14	00	0	0	—	11.9	33	14	2
	420	BAHARÎYA	360	2	35	02	0	0	—	11.5	32	34	14
	423	FARAFRA	270	1	35	02	2	5	Ci	13.1	33	30	13
	432	DAKHLA	00	0	50	00	0	0	—	11.6	33	16	4
	435	KHARGA	00	0	15	02	1	4			34	14	3
Red Sea	450	SUEZ	270	6	50	03	0	2	Cu	10.7	29	29	9
	459	TÛR	310	5	35	03	1	2	Ci	10.4	31	28	15
	462	HURGHÂDA	20	8	30	02	0	0	—	10.4	26	45	13
	465	QUSEIR	20	13	15	02	0	0	—	9.8	26	62	18
	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 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	5	15	03	1	5	Ci	10.3	18	78	14	0
SÎDI BARÂNI	80	8	18	02	1	5	AS	10.1	18	73	13	0
MATRÛH												
EL DABA	00	0	7	00	0	0	—		17	77	13	0
ALEXANDRIA	360	11	35	01	2	8	Ci	12.4	18	83	15	0
FOUAD (Airport)	360	1	18	00	0	0	—	12.5	16	88	14	0
DAMIETTA												
PORT SAÏD	330	14	18	02	0	0	—	11.3	19	73	14	0
EL 'ARISH												
DAMANHUR												
MANSURA	360	9	35	00	0	0	—	12.4	19	64	12	0
TANTA												
ZAGAZIG	320	1	35	02	0	0	—	12.7	20	56	11	0
ISMAÏLIA												
FAROUK (Airport)	340	9	12	00	0	0	—	12.1	22	41	8	0
ALMÂZA	10	6	14	02	1	1	Ci	12.3	22	44	9	0
EZBEKÎYA	00	0	12	00	0	0	—	12.2	22	38	7	0
GÎZA	00	0	12	00	0	0	—	12.8	22	37	4	0
HELWÂN	320	5	7	01	0	0	—	11.8	23	24	1	0
FAIYÛM	00	0	35	01	0	0	—	12.3	25	34	8	0
MINYA	00	0	8	00	0	0	—	11.1	24	32	6	0
ASYÛT MANQABÂD	00	0	10	02	1	1	Ci	11.7	22	36	6	0
NAG' HAMMÂDI	00	0	15	00	1	0	—	11.1	24			0
QENA												
LUXOR												
ASWÂN	00	0	15	00	0	0	—	11.2	28	23	5	0
SÎWA	110	4	10	01	0	0	—	9.4	29	23	6	0
BAHARÎYA	00	0	15	02	0	0	—	11.4	25	47	13	0
FARAFRA	90	2	15	02	2	1	AC	11.2	26	42	12	0
DAKHLA	270	8	35	00	0	0	—	10.8	27	15	-2	0
KHARGA	00	0	15	00	0	0	—	13.5	28	12	-4	0
SUEZ												
TÛR	340	5	35	01	1	1	Ci	10.4	27	42	13	0
HURGHÂDA	330	5	14	01	0	0	—	9.6	25	65	18	0
QUSEIR	360	5	15	03	1	0	—	9.9	25	42	11	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 Wednesday 30th April, 1952

Station	Wind 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	2	6	Cu, CS	8.0	-5.3	19	22	-4	17	+2	78	15	0	Rain	
SÎDI BARÂNI	80	11	18	01	2	5	AC, Ci	8.0		20	21		15		69	14	0	115	
MATRÛH	70	12	18	02	2	6	AC, Ci	8.3	-5.9	19			13		73	14	0	132	
EL DABA	140	3	15	03	2	6	SC, Cu			19	22		11		64	12	0	214	
ALEXANDRIA	130	9	15	04	2	6	CC	10.0	-4.1	18	21	-4	15	-1	73	13	0	166	183
FOUAD (Airport)	110	6	18	03	1	7	AC, CS	8.7	-5.1	19	22	-3	12	-3	64	12	0	Rain	138
DAMIETTA	180	2	15	03	1	5	AC	9.5	-4.4	20			13	-3	73	15	0	171	103
PORT SAÏD	180	5	12	03	1	7	CS	9.4	-4.9	20	24	0	16	-2	64	13	0	92	
EL 'ARISH																			
DAMANHUR	180	5	15	02	1	4	Ci	10.8	-3.2	20			14	0	64	13	0	87	98
MANSURA	140	5	35	02	1	3	AS	10.4	-3.7	20	27	-2	13	-1	64	13	0	62	52
TANTA	90	2	35	01	1	4	Cu	10.6	-3.5	20			12	-1	64	13	0	65	40
ZAGAZIG	40	1	35	02	0	0	—	10.3	-3.9	21	28	-2	15	+2	57	12	0	30	26
ISMAÏLIA																			
FAROUK (Airport)	00	0	12	02	1	3	Ci	9.5		21	28		15		50	10	0	83	
ALMÂZA	00	0	12	03	1	3	AS, Ci	9.9	-4.7	22	28	-3	16	0	50	11	0	71	
EZBEKÎYA	00	0	12	00	0	3	SC	9.6	-4.2	21	29	-1	15	0	57	12	0	61	24
GÎZA	00	0	12	00	0	3	SC	9.5	-4.3	22	30	0	11	-1	57	13	0	58	24
HELWÂN	00	0	7	05	1	2	CC	9.4	-4.0	21	28	-2	16	0	41	7	0	59	27
FAIYÛM	00	0	35	03	0	1	AC	9.1	-4.3	21	31	-1	14	-1	41	7	0	23	8
MINYA	160	9	8	00	0	0	—	9.1	-5.5	24	33	0	16	+2	26	3	0	5	
ASYÛT MANQABÂD	150	11	18	00	0	0	—	9.8	-3.0	22			18	+1	27	2	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	11.1	-0.9	23	33	-1	16	0			0	0.1	
QENA	220	1	35	00	0	0	—	10.8	-0.6	27			15	-3	27	6	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	11.5	0.0	26	34	-3	20	-1	37	10	0	dr.	
SÎWA	320	4	14	03	1	5	AC	6.4	-8.4	20	34	+2	16	+2	33	3	0	26	8
BAHARÎYA	220	4	35	02	0	0	—	8.6	-5.4	28	32	-1	18	+3	40	13	0	1	7
FARAFRA	220	2	15	02	0	0	—	8.7		23	35		16		38	8	0	Rain	
DAKHLA	140	8	35	00	0	0	—	10.0	-2.9	23	35	-1	14	-3	24	1	0	dr.	
KHARGA	00	0	15	00	0	0	—	10.4	-1.7	26	34	-2	16	-2	25	4	0	dr.	
SUEZ	40	3	35	00	0	0	—	10.2	-3.1	20			14	-3	64	13	0	44	16
TÛR	220	2	35	02	0	1	Ci	10.2	-1.2	24			17	-1	41	10	0	1	13
HURGHÂDA	00	0	30	02	0	0	—	9.7	-2.2	25	27	0	17	-1	45	12	0	dr.	
QUSEIR	160	2	15	02	0	0	—	10.2	-1.2	26	28	-1	22	0	42	12	0	dr.	4
PORT SÛDÂN																			96
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			3
KHARTÛM																			5
KASSALA																			11
WÂD MEDANI																			14
RENK																			56
ROSEIRES																			53
EL OBEID																			18
EL FÂSHER																			6
GENEINA																			7
MALAKÂL																			122
WÂU																			235
JUBA																			305

HUMIDITY % Mean of day

Station	on 29th	Diff. from normal
Alexandria	80	+11
Ezbekîya	39	-12
Gîza	38	-15
Helwân	35	-4

GÎZA GRASS MINIMUM TEMP ON 30th 9.9 °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 29th

Height m.	Matruh Dir.	Matruh Vel.	Hurghada Dir.	Hurghada Vel.	Dakhla Dir.	Dakhla Vel.	Siwa Dir.	Siwa Vel.	Port Said Dir.	Port Said Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.	Fouad AP Dir.	Fouad AP Vel.
Time	14		14		14		14		14		14		14		20		20	
300	10	7	60	7	110	9	210	23	330	13	20	16	50	9	60	10	10	8
600	310	7	60	12	90	5	210	19	300	21	10	11	350	7	80	20	350	7
1000	280	12	50	13	90	5	220	13	310	12	20	7	250	6	120	3	320	11
1500	270	19	40	10	120	3	210	24	290	8	360	6			280	11	290	25
2000							220	20									270	27
3000							220	23										
4000							230	21										
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 30th

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.	Almaza Dir.	Almaza Vel.
Time	8		4				3						5 30		8				8				8	
300	80	19	130	34			200	2					140	24	190	13			170	4			30	3
600	80	23	100	31			10	3					20	38	190	32			110	9			180	12
1000	80	21	110	21			240	3					180	29	190	30			120	13			180	17
1500	100	12	130	20									230	23					70	13			220	28
2000	50	9																	10	10			220	29
3000																			350	23				
4000																								
5000																								
6000																								
7000																								
8000																								

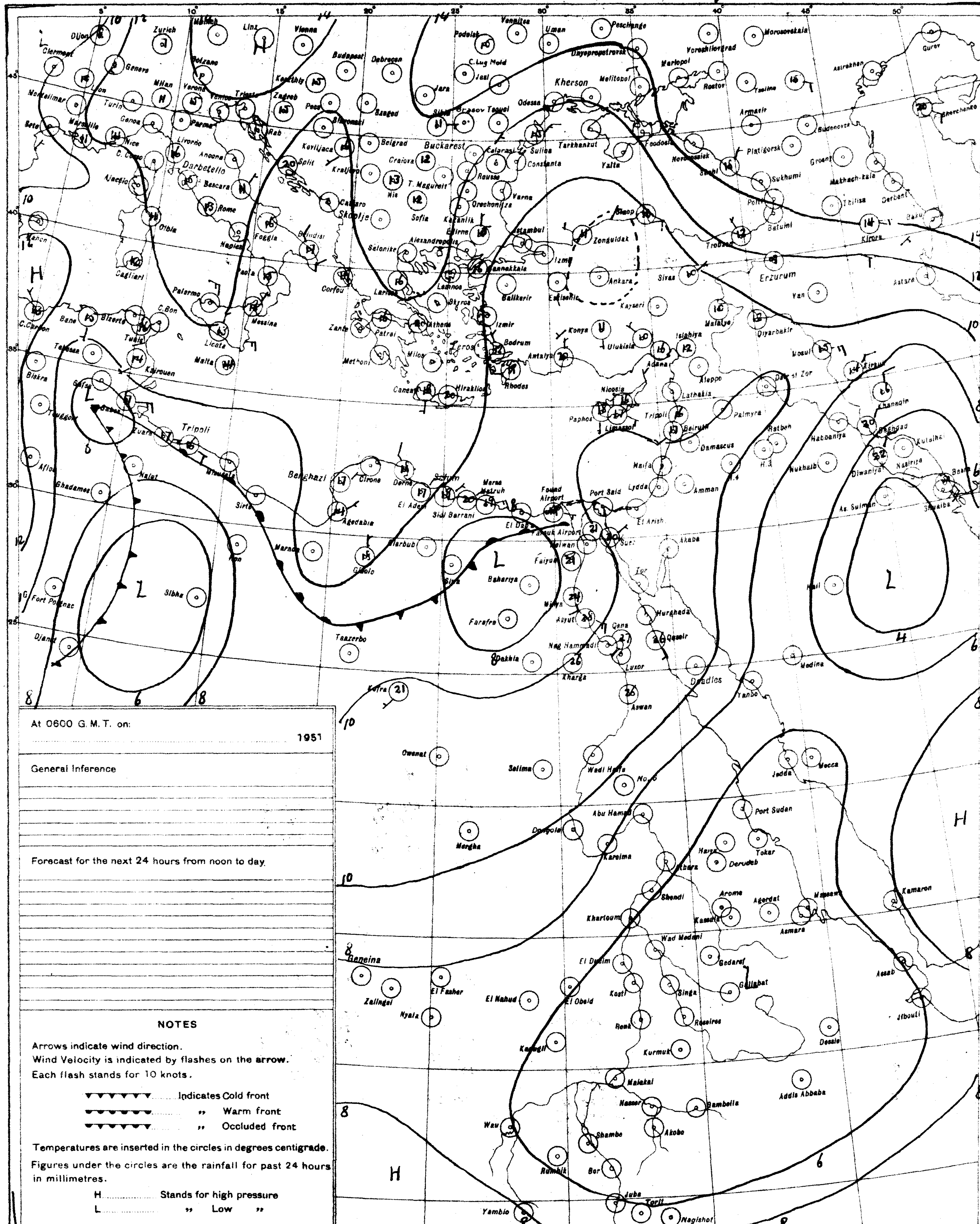
Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8				8		8																	
300	260	14			170	16	160	10																
600	290	23			170	17	180	16																
1000	280	23			180	19	180	18																
1500	270	23			200	16	170	14																
2000	270	30					210	8																
3000	270	32																						
4000	270	33																						
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.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 30/4/1951



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
	,, 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 13 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: Thursday 1st May, 1951 2

At 1200 on Wednesday 30th April,

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	—	8.4	21	65	14
	308	SIDI BARANI	40	14	30	00	0	0	—	8.0	21	61	13
	306	MATRUH	10	13	30	00	0	0	—	7.8	21	57	12
	309	EL DABA	40	16	35	00	0	0	—		22	50	11
		ALEXANDRIA	40	22	50	03	2	7	AC	5.4	22	53	12
	318	FOUAD (Airport)	50	15	18	02	2	6	Ac, Cc	6.0	25	39	10
	330	DAMIETTA	20	5	35	02	1	5	AC	6.4	23	50	12
	333	PORT SA'ID	80	13	30	01	2	5	AC	6.6	22	53	12
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	9	15	02	1	6	Ci	4.8	30	25	8
	342	MANSURA	90	5	35	03	2	5	Ci	5.2	30	25	8
	348	TANTA	130	5	35	03	2	8	AS	5.0	31	28	10
	354	ZAGAZIG	00	0	50	03	1	3	Ci	4.8	29	35	12
	440	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	240	17	14	03	2	6	CS	5.3	34	10	-2
	372	ALMAZA	240	19	14	03	2	7	Ac, Ci	5.3	34	12	0
		EZBEKIYA	210		4	06	2	8	Ac, CS	5.0	35	12	1
		GIZA	210		4	06	2	8	Ac, CS	4.3	35	12	1
	378	HELWAN											
Upper Egypt	381	FAIYUM	240	12	7	31	3	8	AS	4.3	37	8	-3
	387	MINYA	220	23	20	06	0	8	CS	4.4	38	7	-4
	393	ASYUT MANGABAO	200	18	8	07	0	0	—	6.0	38	10	1
	399	NAG' HAMMADI	180	2	35	00	0	0	—	7.5	36	20	10
	402	QENA	180	2	50	00	0	0	—	8.0	37	14	6
	405	LUXOR											
	414	ASWAN	290	4	50	00	0	0	—	7.1	37	8	-3
Oases	417	SIWA	270	10	14	00	0	0	—	5.5	32	24	9
	420	BAHARIYA	220	23	6.4	34	3	0	—	4.7	37		
	423	FARAFRA	270	19	3	30	3	9		6.0	37		
	432	DAKHLA	160	11		35	3	0	—	6.7	37	8	-3
	435	KHARGA	220	6	15	00	0	0	—	8.6	37	16	7
Red Sea	450	SUEZ	270	5	50	03	0	3	Cu	5.4	27	42	13
	459	TOR	140	9	35	01	1	2		7.8	29	66	22
	462	HURGHADA	140	13	30	02	0	0	—	7.8	30	43	16
	465	QUSEIR	120	13	15	02	0	0	—	9.0	28	62	20
	641	PORT SUDAN	20	20	7	07	0	0	—	7.6	32	38	16
North Sudan	600	WADI HALFA	360	8	30	02	0	0	—	7.1	37	11	1
	640	ABU HAMAD	360	2	30	02	0	0	—		39	15	8
	660	KAREIMA	20	9	30	02	0	0	—	4.8	39	10	2
	680	'ATBARA	360	11	10	05	0	0	—	1.9	41	11	5
	721	KHARTUM	320	7	30	02	0	0	—	2.0	41	7	-2
	780	KASSALA	340	6	30	03	0	1	Cu	999.8	43	16	12
Central Sudan	751	WAD MEDANI											
	801	RENK	210	2	35	02	1	4	Cu		40	28	18
	802	ROSEIRES											
	771	EL OBEID	90	8	6	05	0	0	—	2.4	39	13	6
	760	EL FASHER	180	5	10	05	0	0	—		37	14	6
	770	GENEINA	180	6	30	02	2	8	Cu, CS		37	24	13
B. Sudan	840	MALAKAL											
	880	WAU	180	2	10	94	8	7	NS	4.0	33	47	20
	941	JUBA											

At 1800 on Wednesday 30th 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.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
Salum	360	5	15	00	0	0	—	9.0	18	78	14	0
Sidi Barani	00	0	18	00	0	0	—	8.8	18	78	14	0
Matruh												
El Daba	340	1	7	00	0	0	—		18	73	13	0
Alexandria	40	23	35	01	2	2	Ci	6.3	18	83	15	0
Fouad (Airport)												
Damietta	40	4		01	1	3	AC	4.3	19	83	16	0
Port Sa'id	60	22	14	01	1	3	Ci	4.4	20	69	14	0
El 'Arish												
Damanhur												
Mansura												
Tanta	130	5	35	02	1	0	—	5.5	18	73	13	0
Zagazig	320	2	35	02	1	0	—		21	65	14	0
Ismailia												
Farouk (Airport)												
Almaza												
Ezbekiya	20	8	12	00	0	0	—	4.7	23	44	10	0
Giza	20	8	12	00	0	0	—	4.6	23	44	10	0
Helwan												
Faiyum	240	8	35	02	3	8	AS	4.3	30	11	-4	0
Minya	300	3	8	00	1	0	—	3.5	28	12	-4	0
Asyut Mangabao	270	11	8	01	2	5	AC	4.8	33	12	0	0
Nag' Hammadi												
Qena	00	0	7	00	0	0	—	7.1	28	27	7	0
Luxor												
Aswan												
Siwa	70	12	10	00	0	0	—	7.1	27	45	14	0
Bahariya	270	5	15	02	4	0	—	6.2	29	46	16	0
Farafra	270	3	7	02	3	0	—	5.6	29	23	6	0
Dakhla	340	11	35	00	0	0	—	6.6	32	10	-3	0
Kharga	00	0	15	00	0	0	—	9.0	31	9	-6	0
Suez												
Tor	140	19	35	02	1	0	—	6.0	27	70	21	0
Hurghada	150	12	12	02	0	0	—	5.8	24	54	14	0
Quseir	120	13	15	02	0	0	—	9.9	25	74	20	0
Port Sudan	310	7	30	02	0	0	—	8.0	27	52	16	0
Wadi Halfa	90	1	30	02	0	0	—	6.4	30	13	-1	0
Abu Hamad	360	2	30	02	0	0	—		31	19	5	0
Kareima	360	12	30	02	0	0	—	6.8	34	11	-1	0
'Atbara	360	6	30	02	0	0	—	3.3	33	19	6	0
Khartum	340	6	30	01	0	0	—	2.7	35	12	1	0
Kassala	70	7	30	02	0	0	—	2.2	36	25	13	0
Wad Medani												
Renk												
Roseires												
El Obeid	00	0	30	02	0	0	—	3.5	32	17	4	0
El Fasher												
Geneina												
Malakal	200	30	14	10	2	8	CS		30	52	19	dr.
Wau												
Juba	180	6	30	13	2	7	Cb, AC	6.2	28	66	21	dr.

At 0600 on Thursday 1st May, 1952

Station	Wind 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	140	2	15	03	2	6	St, Ci	9.1	-4.2	19	22	-4	15	0	83	16	0	Rain	
Sidi Barani	130	2	15	02	4	6	CS	8.6		18	22		11		83	15	0	115	
Matruh	140	2	18	02	1	5	Ci	9.3	-4.9	20			10		78	16	0	132	
El Daba	00	0	15	01	1	3	Cu			20	22		11		73	15	0	214	
Alexandria	40	7	50	01	2	3	Ci	9.1	-5.0	20	25	0	17	+1	73	15	0	166	184
Fouad (Airport)	40	8	18	03	0	2	CS	8.7	-6.0	20			14	+1	60	12	0	Rain	138
Damietta	340	5	15	03	1	5	Ci	9.5	-4.4	19	24	-1	16	0	83	16	0	171	104
Port Sa'id	10	3	12	01	1	3	Sc, Ci	9.2	-5.0	20	24	0	18	0	73	15	0	92	
El 'Arish																			
Damanhur	40	5	15	02	1	1	Ci	9.8	-4.1	20			15	+1	64	13	0	87	99
Mansura	20	5	35	03	2	5	AC	9.6	-4.4	20			15	+1	83	17	0	62	53
Tanta	00	0	35	02	0	0	—	9.6	-4.5	20	31	+1	12	-1	73	15	0	65	41
Zagazig	00	0	35	02	0	0	—	9.3	-4.9	21	31	+1	13	0	65	14	0	30	26
Ismailia																			
Farouk (Airport)	40	6	12	02	2	4	Cu, Ci	9.6		18			14		78	14	0	83	
Almaza	40	8	12	03	1	4	Cu	10.0	-4.5	19			15	-1	83	16	0	71	
Ezbekiya	00	0	12	01	1	3	Cu	9.6	-4.2	21	35	+4	15	0	69	15	0	61	25
Giza	00	0	12	01	1	3	Cu	9.9	-3.9	20	36	+5	13	+1	73	15	0	58	25
Helwan																			28
Faiyum	330	4	35	01	1	2	Ci	9.2	-4.2	19	37	+5	15	0	73	14	0	23	8
Minya	350	8	8	00	0	0	—	9.3	-5.2	20	38	+5	15	0	60	12	0	5	
Asyut Mangabao	280	5	6	06	0	0	—	8.6	-4.1	21	38	+4	19	+2	65	14	0	3	
Nag' Hammadi	00	0	15	00	0	0	—	8.8	-3.2	25			17	+1	42	11	0	0.1	
Qena	00	0	15	00	0	0	—	8.3	-3.1	27	38	+1	18	0	27	6	0	2	
Luxor																			
Aswan	220	7	50	00	0	0	—	8.3	-3.1	27			23	+1	33	9	0	dr.	
Siwa	600	9	14	02	1	3	Ci	9.6	-5.2	19	32	0	15	+1	88	17	0	26	8
Bahariya	90	5	35	03	0	0	—	9.5	-4.4	20	37	+4	15	0	64	13	0	1	7
Farafra	40	3	15	02	0	0	—	8.8		20	38		13		64	13	0	Rain	
Dakhla	90	1	50	00	0	0	—	8.4	-4.4	24	38	+2	16	-1	48	10	0	dr.	
Kharga	00	0	15	00	0	0	—	8.3	-3.8	26	37	+1	18	0	37	10	0	dr.	
Suez	310	5	35	00	0	3	Sc	8.3	-5.0	19			16	-1	83	16	0	44	16
Tor	310	9	15	01	1	0	—	8.2	-3.2	24			20	+2	61	16	0	1	13
Hurghada	350	16	30	02	0	0	—	8.1	-4.7	23	30	+3	20	+2	65	16	0	dr.	
Quseir	270	13	15	02	0	0	—	8.2	-3.1	26	28	-1	22	0	51	15	0	dr.	4
Port Sudan											34								96
Wadi Halfa											38								
Abu Hamad											40								
Kareima											41								1
'Atbara											42								4
Khartum											43								5
Kassala											43								12
Wad Medani																			15
Renk																			57
Roseires																			54
El Obeid											40								19
El Fasher																			7
Geneina																			8
Malakal											39								124
Wau																			238
Juba											34								310

HUMIDITY % Mean of day

Station	on 30th	Diff. from normal
Alexandria	82	+13
Ezbekiya	46	-5
Giza	47	-6
Helwan		

GIZA GRASS MINIMUM TEMP ON 1st May 12.2 °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					

Airport On ..... At .....

Pressure 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.	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. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		14		20	
300	20	15	240	24	250	15	290	29	250	14	210	7	150	30	50	17	300	21
600	20	15	230	19	250	18	260	29	250	20	210	11	140	29	50	19	300	22
1000	30	14	230	23	260	11	300	27	250	34	230	18	140	29	40	16	280	27
1500	20	13			260	22	310	31	260	53			310	16	310	6	270	35
2000	290	16					310	34							340	16		
3000							280	35							280	19		
4000															290	27		
5000															270	33		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 1st

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrum Dir.	Matrum 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 Mangabao Dir.	Asyut Mangabao Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.
Time	8		4		2		2						2		8							
300	130	5	50	13	20	10	340	11					10	16	280	8						
600	120	9	50	12	10	13	340	7					10	16								
1000	110	7	50	14	10	8	360	7					350	10	340	3						
1500	330	4	20	9	320	13	20	5					300	16								
2000	320	9	340	14									310	17	240	27						
3000			290	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	8		8		8		8																	
300	100	20	120	11	120	17	60	3																
600	110	24	130	10	130	20	80	9																
1000	100	16	110	6	140	18	110	8																
1500	70	9	140	26	200	32	160	22																
2000	100	2			200	40	210	25																
3000	250	19																						
4000	240	32																						
5000																								
6000																								
7000																								
8000																								

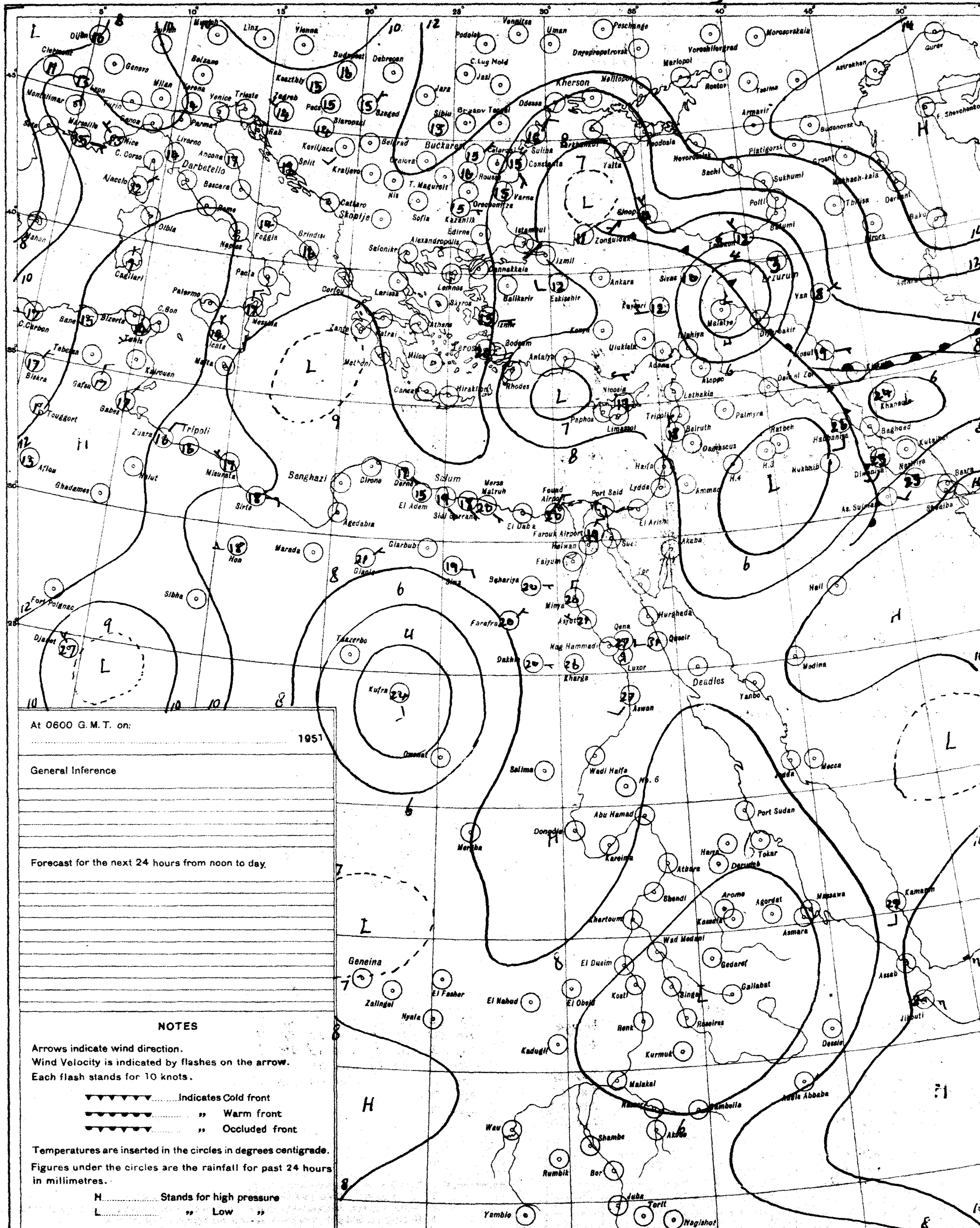
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 1-5-1952



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 03 12 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 2nd May, 1951 2

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	SALUM	20	9	35	03	2	7	As.Cs	9.5	21	65	14
	303	SIDI BARANI	50	6	18	03	2	7	Cs	9.3	21	61	13
	306	MATRUH	20	10	18	02	2	6	Ac.Cc	11.3	22	53	12
	309	EL DABA	360	4	35	03	2	8	St				12
		ALEXANDRIA	360	16	50	03	2	7	Cc	11.2	20	73	15
	318	FOUAD (Airport)	330	12	18	03	1	6	Cs	11.0	23	50	12
	330	DAMIETTA	320	5	35	01	1	1	Ac	10.8	23	61	15
	333	PORT SAID	40	6	18	03	0	2	Cc	10.3	24	57	15
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	1	1	Cc	9.6	27	37	11
	342	MANSURA	270	5	35	02	1	2	As	9.8	27	40	12
	348	TANTA	90	2	35	01	1	4		9.9	27	37	11
	354	ZAGAZIG	320	1	50	02	0	0	—	9.8	27	42	13
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	330	8	18	02	1	5	Cc	9.8	27	27	6
	372	ALMAZA	40	2	15	03	2	6	Cs	9.2	27	33	9
		EZBEKIYA	00	0	30	02	1	6	Cc	9.4	28	29	8
		GIZA	00	0	30	02	1	6	Cc	9.9	28	27	7
	378	HELWAN											
Upper Egypt	381	FAIYUM	330	4	35	00	1	1	Cc	9.5	30	24	7
	387	MINYA	00	0	10	00	0	0	—	7.4	33	21	8
	393	ASYUT MANQABAD											
	399	NAG' HAMMADI	270	2	35	00	0	0	—	6.8	38	13	5
	402	QENA	270	1	50	00	0	0	—	6.4	39	14	7
	405	LUXOR											
	414	ASWAN	160	1	50	00	0	0	—	5.8	39	11	3
Oases	417	SIWA	100	9	14	02	2	4	Ac	8.2	30	14	0
	420	BAHARIYA	90	2	35	03	2	7	Ac	6.8	31		
	423	FARAFRA	130	8	7	02	2	6	Ac	4.8	35		
	432	DAKHLA	160	11	35	00	0	0	—	4.3	40	10	2
	435	KHARGA	150	6	15	00	0	0	—	5.1	39	8	-1
Red Sea	450	SUEZ	310	6	50	02	0	3	Sc	9.1	27	42	13
	459	TOR	310	5	15	05	1	1	Ac	7.8	27	62	19
	462	HURGHADA	40	3	30	02	0	0	—	6.8	26	70	20
	465	QUSEIR	360	13	15	02	0	0	—	7.0	29	59	20
	641	PORT SUDAN	50	10	30	02	0	0	—	8.0	32	36	15
North Sudan	600	WADI HALFA	90	2	30	02	0	0	—	3.9	41	9	2
	640	ABU HAMAD	90	6	30	02	0	0	—		40	12	6
	660	KAREIMA	70	8	30	02	0	0	—	4.4	40	11	4
	680	'ATBARA	360	10	30	02	0	0	—	2.8	41	7	-1
	721	KHARTUM	290	10	30	02	0	0	—	2.3	43	5	-5
	780	KASSALA	360	8	30	02	0	0	—	0.7	42	15	10
Central Sudan	751	WAD MEDANI	50	9	35	02	0	0	—	0.2	43	5	-6
	801	RENK	00	0	35	02	0	6	Cu		41	25	17
	802	ROSEIRES	230	2	35	02	2	7	Cu	5.8	41	25	17
	771	EL OBEID	130	3	30	03	0	1	Cc	3.5	39	6	-6
	760	EL FASHER	130	4	30	02	2	8	Cs		39	16	9
	770	GENEINA	180	7	50	03	2	8	Cu, Cs		35	27	13
S. Sudan	340	MALAKAL	180	7	30	02	2	6	Cu, Cc	4.8	37	33	18
	880	WAU											
	941	JUBA	270	4	30	02	9	7	Cb, Ac	9.2	26	79	22

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
SALUM	360	5	15	01	0	1	Ac	10.7	16	88	14	0
SIDI BARANI												
MATRUH	360	5	14	03	2	6	Ac	10.6	18	77	14	0
EL DABA	70	3	7	00	0	0	—		18	83	15	0
ALEXANDRIA	40	14	35	01	2	4	Ac	10.7	19	73	14	0
FOUAD (Airport)	350	6	12	01	1	0	—	10.4	18	83	15	0
DAMIETTA	40	5		02	0	0	—	10.7	19	83	16	0
PORT SAID	10	12	14	02	0	3	Cc	9.7	20	77	16	0
EL 'ARISH												
DAMANHUR	40	9	15	02	1	2	Cc	10.2	20	64	13	0
MANSURA												
TANTA	00	0	35	03	2	8	As	9.6	20	73	15	0
ZAGAZIG	320	1	35	02	0	0	—	10.2	22	57	13	0
ISMAILIA												
FAROUK (Airport)	40	14	12	01	2	6	Sc, Cs	10.1	22	50	11	0
ALMAZA	40	19	12	02	2	7	As.Cs	9.4	22	65	15	0
EZBEKIYA	20	9	12	01	2	5	Ac	9.6	22	44	9	0
GIZA	20	9	12	01	2	5	Ac	9.2	23	44	10	0
HELWAN												
FAIYUM	00	0	35	03	1	3	Cc		25	42	11	0
MINYA	360	11	8	02	2	5	Cs	5.7	26	28	6	0
ASYUT MANQABAD	270	2	10	03	2	6	Ac	5.5	30	27	9	0
NAG' HAMMADI	00	0	15	01	0	4	Cs	4.2	29	29	9	0
QENA	00	0	7	00	0	0	—	4.6	30	31	11	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	5.4	35	12	1	0
SIWA	80	6	10	00	0	0	—	7.6	26	25	4	0
BAHARIYA	40	3	15	02	0	3	Cc	6.4	27			0
FARAFRA	40	19		02	2	0	—	2.4	30			0
DAKHLA	160	24	0.4	35	3	0	—	2.0	39	14	7	0
KHARGA	00	0	15	00	0	0	—	4.0	33	8	-5	0
SUEZ	360	8	7	03	0	6	Sc	9.5	23	44	10	0
TOR	270	5	15	01	2	0	—	6.2	23	83	20	0
HURGHADA	170	4	14	02	0	0	—	5.9	24	79	20	0
QUSEIR	120	5	1	02	0	0	—	6.2	25	83	22	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Friday 2nd May, 1952

Station	Wind 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	340	5	15	00	0	1	Sc.Cu	12.2	-1.0	19	24	-2	15	0	73	14	0	Rain	
SIDI BARANI	320	5	18	00	0	0	—	12.1		18			11		88	16	0	115	
MATRUH	280	5	18	03	0	4	Sc.Cu	12.2	-2.0	19	23		12		83	16	0	132	
EL DABA	40	3	15	00	2	0	—			21	24		14		65	14	0	214	
ALEXANDRIA	40	16	50	00	0	0	—	11.4	-2.7	20	23	-2	17	+1	73	15	0	166	184
FOUAD (Airport)	360	13	18	00	0	0	—	11.0	-3.6	21	23	-2	16	+1	65	14	0	Rain	138
DAMIETTA	340	5	7	03	1	6	Sc	11.4	-2.4	20	24	-1	17	+1	83	17	0	171	104
PORT SAID	40	11	14	01	1	4	Sc	10.6	-3.5	20	24	0	18	0	73	15	0	92	
EL 'ARISH	30	4	30	02	1	5	Cu.Ac	9.4	-4.3	20			15		73	15	0	101	
DAMANHUR	40	9	15	02	0	0	—	10.9	-3.0	21	28	-1	14	0	65	14	0	87	99
MANSURA	20	5	35	00	0	0	—	11.0	-3.0	20			15	+1	73	15	0	62	53
TANTA	90	2	35	02	0	0	—	11.0	-3.1	21	29	-1	13	0	74	16	0	65	41
ZAGAZIG	40	2	35	02	0	0	—	10.0	-4.2	21	31	+1	14	+1	74	16	0	30	26
ISMAILIA																			
FAROUK (Airport)	70	6	12	02	2	4	Cu.Cc	10.6		18	29		14		78	14	0	83	
ALMAZA	40	17	14	03	0	1	Cc	10.3	-4.1	19	28	-3	16	0	83	16	0	71	
EZBEKIYA	360	4	10	00	0	0	—	10.7	-3.0	20	30	-1	16	0	60	12	0	61	25
GIZA	360	4	10	00	0	0	—	11.0	-2.7	20	29	-2	15	+3	73	15	0	58	25
HELWAN																			28
FAIYUM	360	12	15	02	0	0	—	10.7	-2.7	21	31	-1	17	+2	57	12	0	23	8
MINYA	350	15	10	00	0	0	—	7.3	-7.1	21	33	0	17	+2	53	11	0	5	
ASYUT MANQABAD											38	+4							
NAG' HAMMADI	00	0	15	00	0	0	—	6.0	-5.9	30	39	+4	25	+9	31	11	0	0.1	
QENA	240	3	35	00	0	0	—	5.6	-5.7	30	40	+3	24	+6	25	8	0	2	
LUXOR																			
ASWAN	200	5	50	00	0	0	—	6.8	-4.6	30	40	+2	25	+3	21	5	0	dr.	
SIWA	110	4	14	00	0	0	—	12.6	-2.1	22	31	-1			47	10	0	26	8
BAHARIYA	40	6	35	02	0	0	—	10.0	-3.9	21	33	0	16	+1	57	12	0	1	7
FARAFRA	360	8	15	02	0	0	—	8.0		21	36		16		50	10	0	Rain	
DAKHLA	340	8	35	00	0	0	—	7.4	-5.4	27	41	+5			33	9	0	dr.	
KHARGA	00	0	15	00	0	0	—	6.4	-5.6	26	39	+3	18	-1	30	7	0	dr.	
SUEZ	00	0	35	00	0	0	—	10.0	-3.3	21	29	-2	17	0	65	14	0	44	16
TOR	290	5	35	02	1	0	—	6.6	-4.8	24			20	+1	83	21	0	1	13
HURGHADA	00	0	30	02	0	0	—	5.3	-6.4	25	28?	+1	20	+2	65	18	0	dr.	
QUSEIR	360	5	15	02	0	0	—	5.9	-5.4	27	32?	+3	21	-1	62	19	0	dr.	4
PORT SUDAN																			96
WADI HALFA	00	0	35	02	0	0	—	7.5		30					13	-1	0	dr.	
ABU HAMAD	230	2	50	01	0	0	—			29					25	7	0		
KAREIMA																			1
'ATBARA																			4
KHARTUM	70	9	30	03	1	4	Cc	8.8		31	43		23		8	-8	0	0.6	5
KASSALA	200	1	30	03	1	7	Cs	5.8		36			15		18	8	0	49	12
WAD MEDANI																			15
RENK																			57
ROSEIRES																			55
EL OBEID	230	10	30	03	0	7	Cs	9.5		29	40		23		49	17	0	15	19
EL FASHER																			7
GENEINA																			8
MALAKAL																			126
WAU																			241
JUBA	10	5	50	03	0	8	Cu.Ac	11.3		22					94	21	0	350	315

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	72	+3
Ezbekiya	54	+3
Giza	55	+2
Helwan		

GIZA GRASS MINIMUM TEMP. ON 2nd 14.3 °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					

AIRPORT On ..... At .....

Pressure 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	Dakhla		Kharga		Asyut		Minya		Port Said		Harghada		Matruh		S. Barani								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	190	36	180	18	280	4	330	4	350	13	20	8	30	12	80	27							20	27	50	16
600	190	27	190	15	240	4	310	8	320	14	30	6	20	10	90	14							30	25	20	5
1000	200	23	190	10	230	9	290	10	300	12	220	2	20	6	120	7							40	25	320	3
1500			200	7	240	18	290	8	230	9			70	10	350	7							50	18	350	6
2000					280	16			240	22					310	23									280	9
3000															290	33										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time			4		8		2						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			30	11	10	18	20	17					10	20									20	10
600			30	14	360	17	10	12					20	20									30	10
1000			30	10	20	11	20	14					20	18									20	10
1500			300	13	330	15	350	16					30	8									10	14
2000																							320	19
3000																							360	19
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																	
Height m.	Dir.	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	22	40	34	350	5	360	7																
600	90	17	40	43	10	8	350	18																
1000	70	14	30	29	10	11	340	28																
1500	30	23			340	14																		
2000	360	17			300	15																		
3000	340	8																						
4000	290	22																						
5000																								
6000																								
7000																								
8000																								

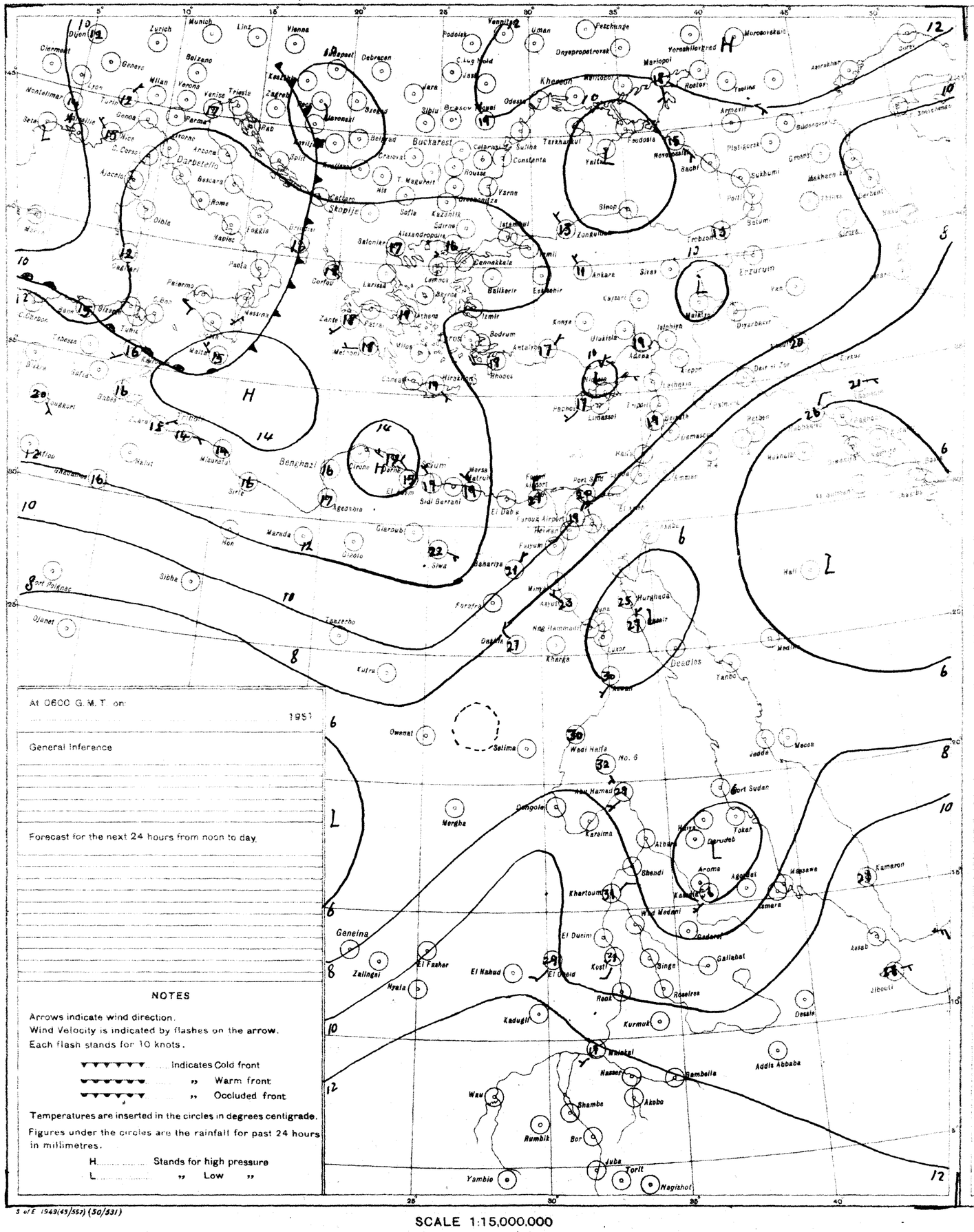
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 2 · 5 1952



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 reduced by smoke 04
Dry haze 05
Dust or sand raised 06
Visibility reduced by sand-haze or dust-haze 07
Sandstorm 08
Distant sandstorm within sight 09
Duststorm or sandstorm within sight 10
Mist 11
Patches of fog 12
Shallow fog 13
Lightning in distance 14
Heavy precipitation aloft 15
Distant precipitation 16
Squall 17
Duststorm 18
Sandstorm 19
Fog 20
Thunderstorm 21
Distant thunderstorm or Sandstorm 22
Rain 23
Snow 24
Rain 25
Showers of rain 26
,, ,, snow 27
Rain ,, thunderstorm during last hour 28
Hail ,, ,, ,, ,, 29
Thunderstorm with rain 30
,, ,, hail 31
,, ,, Sandstorm 32

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 duststorm (visibility 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 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

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: Saturday 3rd May, 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	20	5	35	00	0	0	—	13.1	23	50	12
	303	SÎDI BARÂNI	340	14	30	00	0	0	—	13.2	21	65	14
	306	MATRÛH	330	12	30	00	0	0	—	13.5	21	65	14
	309	EL DAB'A	340	5	35	00	0	0	—		23	44	10
		ALEXANDRIA	330	19	50	00	0	0	—	11.8	22	57	13
	318	FOUAD (Airport)	360	13	18	02	0	0	—	11.6	22	53	12
	330	DAMIETTA	340	5	35	01	1	0	—	11.0	21	65	14
	333	PORT SA'ÎD											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	80	9	15	02	0	0	—	11.9	27	40	12
	342	MANSURA	40	9	35	00	0	0	—	10.8	27	37	11
	348	TANTA	310	5	35	01	1	4	Cu	11.1	27	52	16
	354	ZAGAZIG	40	2	50	02	0	0	—	10.6	28	45	15
	440	ISMAÎLIA											
Cairo Area	366	FAROUK (Airport)	20	15	30	00	0	0	—	10.4	28	33	10
	372	ALMÂZA	40	18	30	00	0	0	—	9.9	27	52	16
		EZBEKÎYA	60	8	30	00	0	0	—	9.6	30	31	11
		GÎZA	60	8	30	00	0	0	—	10.4	28	33	10
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	12	35	02	0	0	—	9.5	30	25	8
	387	MINYA	360	16	10	00	0	0	—	7.9	32	26	10
	393	ASYÛT MANQABÂD	320	15			0	0	—	6.6			8
	399	NAG' HAMMÂDI	00	0	15	01	0	3	Cs	5.9	39	16	9
	402	QENA	290	2	50	00	0	0	—	5.2	40	12	6
	405	LUXOR	320	15	30	00	0	0	—	4.2	40	7	-2
	414	ASWÂN	220	10	1.5	0.6	3?	0	—	3.9	40	10	2
Oases	417	SÎWA	20	10	14	00	0	0	—	12.6	30	16	1
	420	BAHARÎYA	360	2	35	02	0	0	—	9.1	31		
	423	FARAFRA	340	3	15	02	0	0	—	10.0	32		
	432	DAKHLA	340	8	50	00	0	0	—	7.5	37	18	9
	435	KHARGA	300	2	15	00	0	0	—	6.8	37	9	-1
Red Sea	450	SUEZ	360	10	50	02	0	0	—	9.3	27	33	9
	459	TÛR	290	9	15	05	0	0	—	6.6	27	70	21
	462	HURGHADA	10	7	30	02	0	0	—	5.3	26	70	20
	465	QUSEIR	20	13	15	02	0	0	—	5.3	27	79	23
	641	PORT SÛDÂN	120	11	30	02	0	0	—	5.8	32	29	12
North Sudan	600	WÂDI HALFA	230	20	15	01	0	0	—	3.9	44	6	-2
	640	ABU HAMAD	360	1	30	03	1	4	Ci		43	13	9
	650	KAREIMA	180	4	30	02	1	3	Cc	4.7	43	9	4
	680	'ATBARA											
	721	KHARTÛM	350	9	30	02	2	6	Cs	3.2	43	2	-16
	730	KASSALA											
South Sudan	751	WÂD MEDANI											
	801	RENK	180	5	35	02	2	7	Cu		40	32	20
	802	ROSEIRES											
	771	EL OBEID	340	10	30	03	2	8	Cu, Cs	3.8	40	10	2
	760	EL FÂSHER	180	4	30	02	2	8	Cu, Cs		39	16	9
	770	GENEINA	260	9	30	01	2	8	Cu, Ac		35	10	13
	[illegible]	MALAKÂL			30	01	2		Cu, Cs	8.0	35	25	12
	[illegible]	WÂU	130	3	30	03	2	6	Cu, Ac	9.4	32	52	21
	[illegible]	JUBA											

At 1800 on Friday 2nd

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	360	2	15	00	0	0	—	13.4	18	88	16	0
303	SÎDI BARÂNI	350	5	18	00	0	0	—	12.8	18	73	13	0
306	MATRÛH	310	6	14	01	0	0	—	13.8	18	78	14	0
309	EL DAB'A	00	0	7	00	0	0	—		18	83	15	0
	ALEXANDRIA	360	7	35	02	1	3	Ac	13.3	18	83	15	0
318	FOUAD (Airport)	320	10	12	02	0	0	—	12.5	18	88	16	0
330	DAMIETTA	320	2		00	0	0	—	11.8	19	83	16	0
333	PORT SA'ÎD	360	9	14	02	0	1	Ci	11.1	19	78	15	0
336	EL 'ARISH												
339	DAMANHUR	40	9	15	02	0	0	—	12.2	20	73	15	0
342	MANSURA	40	5		00	0	0	—	12.4	20	56	11	0
348	TANTA	00	0	35	02	1	0	—	12.3	20	64	13	0
354	ZAGAZIG	00	0	35	02	0	0	—	11.5	23	61	15	0
440	ISMAÎLIA												
366	FAROUK (Airport)	20	12	12	00	0	0	—	12.3?	23	44	10	0
372	ALMÂZA	40	15	12	00	0	0	—	11.6	23	61	15	0
	EZBEKÎYA	360	4	12	00	0	0	—	11.6?	22	44	9	0
	GÎZA	360	4	12	00	0	0	—	12.4?	23	38	8	0
378	HELWÂN												
381	FAIYÛM	360	8	35	02	0	0	—	11.6	24	38	9	0
387	MINYA	360	6	8	00	0	0	—	8.7	23	44	10	0
393	ASYÛT MANQABÂD	340	7	10	00	0	0	—	8.7	28	33	10	0
399	NAG' HAMMÂDI	340	2	15	00	0	0	—	7.8	28	27	7	0
402	QENA	320	1	7	00	0	0	—	6.6	31	28	10	0
405	LUXOR												
414	ASWÂN	360	5	15	00	0	0	—	6.0	35	5	-11	0
417	SÎWA	20	0	10	00	0	0	—	12.2	27	27	6	0
420	BAHARÎYA	360	3	15	02	0	0	—	10.3	26			0
423	FARAFRA	360	2	15	02	0	0	—	10.6	24	32	6	0
432	DAKHLA	340	11	35	00	0	0	—	8.0	30	16	1	0
435	KHARGA	320	2	15	00	0	0	—	8.3	31	12	-1	0
450	SUEZ	360	7	7	07	0	0	—	11.4	22	50	11	0
459	TÛR	290	9	15	05	0	0	—	7.8	27	55	17	0
462	HURGHADA	330	18	14	02	0	0	—	6.5	27	45	14	0
465	QUSEIR	360	2	15	02	0	0	—	6.2	26	42	12	0
641	PORT SÛDÂN												
600	WÂDI HALFA												
640	ABU HAMAD												
650	KAREIMA												
680	'ATBARA												
721	KHARTÛM												
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER												
770	GENEINA												
[illegible]	MALAKÂL												
[illegible]	WÂU												
[illegible]	JUBA												

At 0600 on Saturday 3rd May, 1952

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	SALÛM	340	9	15	00	0	0	—	14.2	+1.0	18	23	-3	14	-1	83	15	0	Rain	
303	SÎDI BARÂNI	310	12	18	02	2	6	Sc	14.4		19	22		12		83	16	0	115	
306	MATRÛH	280	12	15	02	4	2	Sc, Cu	14.5	+0.3	18	23		12		88	16	0	132	
309	EL DAB'A	270	3	15	00	0	0	—			17	25		11		77	13	0	214	
	ALEXANDRIA	270	13	50	01	0	2	Cu	13.5	-0.6	19	23	-2	17	0	83	16	0	166	184
318	FOUAD (Airport)	290	7	18	01	1	0	—	13.0	-1.5	20	24	0	16	+1	78	16	0	Rain	138
330	DAMIETTA	320	2	7	03	1	2	Cu	13.3	-0.5	20	22	-3	15	-1	73	15	0	171	104
333	PORT SA'ÎD	340	5	12	01	1	2	Sc	11.9	-2.1	20	22	-2	15	-3	78	16	0	92	
336	EL 'ARISH	270	3	30	01	1	4	Cu, Sc	11.8	-1.9	20			15		73	15	0	101	
339	DAMANHUR	270	3	15	02	0	0	—	13.1	-0.8	21	28	-1	15	+1	65	14	0	87	99
342	MANSURA	320	5	35	00	0	0	—	13.1	-0.9	20	28	-2	14	0	73	15	0	62	53
348	TANTA	340	2	35	02	0	0	—	13.1	-1.0	19	28	-3	11	-2	83	16	0	65	41
354	ZAGAZIG	00	0	35	02	0	0	—	13.1	-1.1	20	28	-3	13	0	73	15	0	30	26
440	ISMAÎLIA																			
366	FAROUK (Airport)	320	2	8	05	0	0	—	13.2		19	29		14		73	14	0	83	
372	ALMÂZA	00	0	12	00	0	0	—	13.3	-1.0	19	28	-4	15	-2	83	16	0	71	
	EZBEKÎYA	360	3	10	01	0	4	Cu	13.6	+0.1	20	30	-1	16	0	64	13	0	61	25
	GÎZA	360	3	10	01	0	4	Cu	12.7	-1.0	19	29	-2	14	+1	83	16	0	58	25
378	HELWÂN																			28
381	FAIYÛM	20	4	35	02	0	0	—	13.8	+0.5	20	31	-2	14	-1	64	13	0	23	8
387	MINYA	350	6	10	00	0	0	—	13.0	-1.3	20	33	0	14	-1	56	11	0	5	
393	ASYÛT MANQABÂD	270	4	14	00	0	0	—	12.5	-0.1	22	35	+1	17	-1	53	12	0	3	
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	11.5	-0.3	24	41	+6	17	0	54	14	0	0.1	
402	QENA	00	0	35	00	0	0	—	10.3	-1.0	26	41	+4	19	0	37	10	0	2	
405	LUXOR	00	0	30	00	0	0	—	9.9	-1.6	28			20		19	2	0	dr	
414	ASWÂN											41	+3							
417	SÎWA	100	3	14	00	0	0	—	14.8	+0.1	22	32	0	14	0	41	8	0	26	6
420	BAHARÎYA	00	0	35	02	0	0	—	14.2	+0.4	21	32	-1	14	-1	74	16	0	1	7
423	FARAFRA	360	1	35	02	0	0	—	14.8		21	33		14		57	12	0	Rain	
432	DAKHLA	340	3	35	00	0	0	—	13.9	+1.2	25			20	+3	40	11	0	dr.	
435	KHARGA	360	6	15	00	0	0	—	11.9	0.0	24	38	+2	21	+2	32	6	0	dr.	
450	SUEZ	310	4	35	00	0	3	Cu	12.4	-0.8	18	28	-3	14	-3	83	15	0	44	16
459	TÛR	310	13	35	02	0	0	—	9.5	-1.8	22			21	+2	83	19	0	1	13
462	HURGHADA	10	7	30	02	0	0	—	8.9	-2.7	23	27	0	19	+1	57	14	0	dr.	
465	QUSEIR	330	13	15	02	0	0	—	9.4	-1.8	25	28	-2	23	+1	42	11	0	dr.	4
641	PORT SÛDÂN	110	8	30	03	2	8	Cs	7.8		29	34		20		74	24	0	211	96
600	WÂDI HALFA	360	13	30	03	2	7	Cs	8.5		29	45		22		22	5	0	dr	
640	ABU HAMAD	00	0	30	03	2	7	Cs			32	43		24		21	7	0		
650	KAREIMA	90	2	30	02	1	6	Ci	6.7		31	44		23		33	13	0	dr	1
680	'ATBARA																			4
721	KHARTÛM	120	3	30	02	0	0	—	7.4		33	43		24		10	-3	0	0.6	5
730	KASSALA	240	2	30	01	1	0	—	6.9		32	44		22		26	10	0	49	12
751	WÂD MEDANI	230	9	35	02	1	3	Ci	7.3		31	42		19		16	2	0	20	15
801	RENK																			58
802	ROSEIRES																			57
771	EL OBEID	250	15	30	03	0	4	Cs	8.6		31	40		24		38	15	0	15	19
760	EL FÂSHER	310	7	30	02	1	7	Ac, Ci			31	41		27		33	13	0	13	7
770	GENEINA																			8
[illegible]	MALAKÂL	200	3	30	03	1	8	Ac, Cs	12.4		27	35		25		62	19	0	131	128
[illegible]	WÂU																			245
[illegible]	JUBA	180	4	30	03	2	8	St, Ac	14.4		22			19		94	21	1	351	320

UPPER AIR OBSERVATIONS

STATION	2nd	
Alexandria	63	-6
Ezbekiya	52	+1
Giza	52	-1
Helwân		

GÎZA
GRASS MINIMUM TEMP.
On 3rd 12.2

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 ..... At ..... Pressure 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 2nd

Height m.	S. Barani Dir.	S. Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Luxor Dir.	Luxor 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		14		14		14		14		14		14		14		14		14		20	
300	330	11	340	15	290	27	350	10	40	13	350	20	330	29	300	23	10	17	350	20	340	14	360	11	350	13
600	320	10	320	10	300	14	340	9	40	12	360	19	320	27	290	22	10	17	350	23	330	25	350	10	360	13
1000	300	13	320	9	300	16	340	9	10	15	350	16	320	27	290	26	20	12	340	12	330	30	330	9	360	14
1500	310	21	310	10	290	18	320	9	300	17	360	23	320	27	290	23	30	10	350	16	330	30			360	14
2000	320	23	300	17	330	18			290	13	350	30														
3000									280	13							20	10								
4000																	290	22								
5000																	280	18								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

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.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	8		8		2		2						2		8				8				3	30
300	300	7	280	11	330	10	300	9					330	9	10	12			360	8			10	4
600	320	7	300	10	330	11	320	9					340	12	330	10			360	10			10	14
1000	310	7	310	10	330	11	310	9					320	14	360	12			360	10			10	19
1500			310	12									300	12	330	34							360	19
2000			300	19											330	36							360	14
3000			300	19																			350	10
4000																								
5000																								
6000																								
7000																								
8000																								

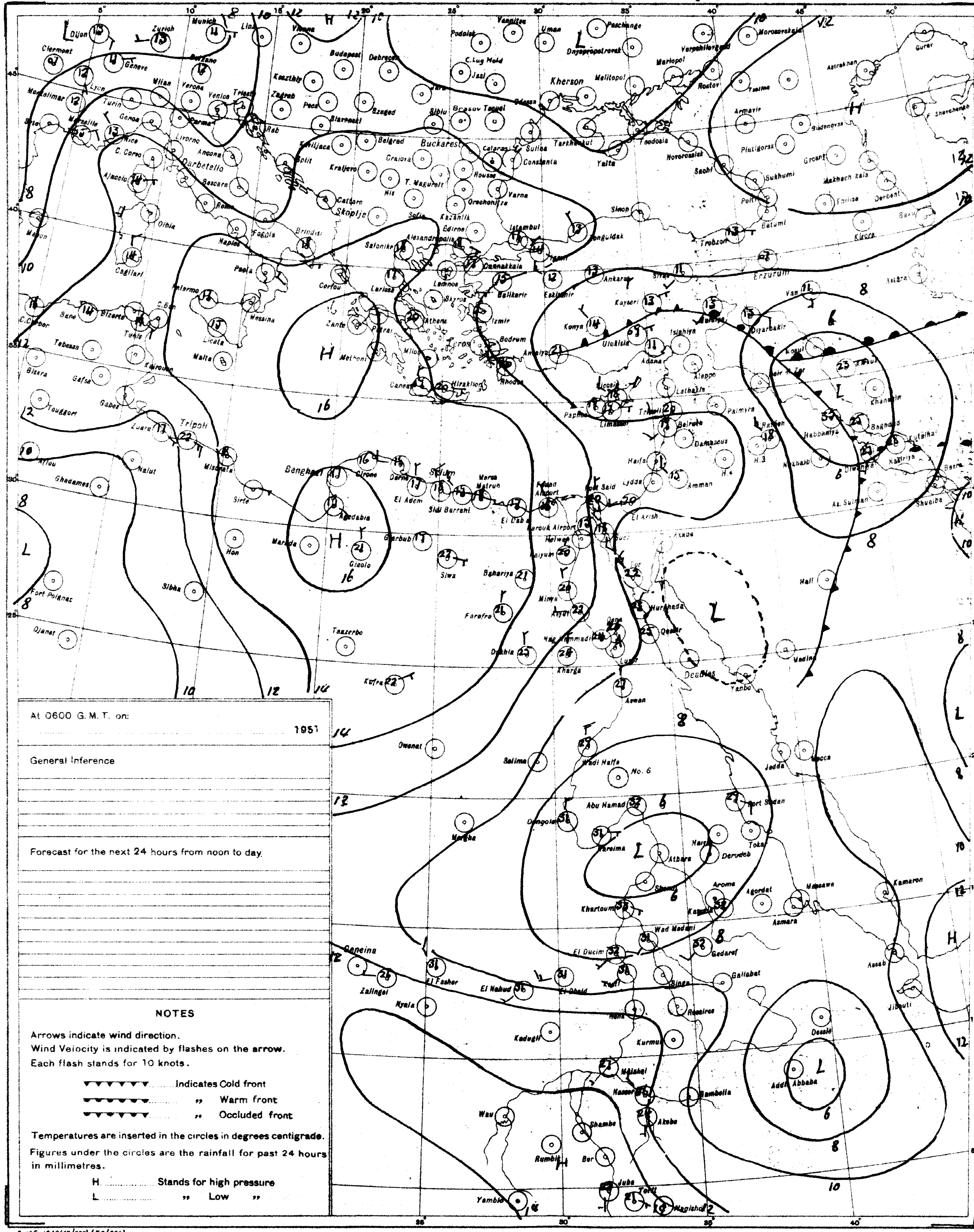
Station	Siwa Dir.	Siwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8		8		8		8		3														4	
300	130	4	40	3	20	12	20	16	40	11														
600	100	6	40	6	30	16	10	25	40	19													200	13
1000	70	3	10	13	10	17	10	19	60	18													170	17
1500	290	5	10	20	360	13	340	16	40	7													210	8
2000	310	19	360	36					300	10														
3000	310	23																					360	17
4000	310	25																						
5000	290	30																						
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.

Annual Subscription P. T. 150

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 3/5/ 1952



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 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: Sunday 4th May, 1951 2

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	SALŪM	360	9	35	01	1	5	Ci	13.5	20	73	15
	303	SĪDI BARĀNI	330	12	18	03	1	5	Ci	13.6	20	69	14
	306	MATRŪH	310	12	18	03	1	6	Cu, CS	13.8	21	65	14
	309	EL DABʻA	320	3	35	00	0	0	—		22	65	15
		ALEXANDRIA	310	17	50	00	0	0	—	13.4	20	73	15
	318	FOUAD (Airport)	320	15	18	01	1	0	—	13.1	22	69	16
	330	DAMIETTA	320	5	35	00	0	0	—	12.6	23	50	12
	333	PORT SAʻĪD	10	10	30	02	0	1	SC	11.3	22	65	15
	336	EL ʻARISH											
Lower Egypt	339	DAMANHŪR	40	9	15	02	1	1	Cu	12.6	26	48	14
	342	MANSŪRA	320	9	35	02	1	2	Cu	12.2	28	33	10
	348	ṬANTA	270	2	35	01	1	3	Cu	12.4	28	33	10
	354	ZAGAZIG	320	1	50	03	1	3	Cu	12.0	27	42	13
	440	ISMAʻILIA											
Cairo Area	366	FAROUK (Airport)	270	10	18	03	0	2	Cu	12.0	27	37	11
	372	ALMĀZA	320	13	30	03	1	2	Cu	11.7	26	45	13
		EZBEKĪYA	360	5	30	00	0	1	Ci	12.4	29	29	9
		GĪZA	360	5	30	00	0	1	Ci	12.8	28	27	7
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	330	4	35	02	0	0	—	11.5	28	27	7
	387	MINYA	350	13	10	00	0	0	—	11.3	30	24	7
	393	ASYŪT MANQABĀD	360	14	30	00	0	0	—	10.5	30	25	8
	399	NAGʻ HAMMĀDI	00	0	15	00	0	5		8.8	32	34	14
	402	QENA	290	1	50	00	0	0	—	8.2	36	13	4
	405	LUXOR											
	414	ASWĀN	20	3	50	00	0	0	—	8.0	35	12	1
Oases	417	SĪWA	270	9	14	00	0	0	—	14.2	31	16	2
	420	BAHARĪYA	320	2	35	02	0	0	—	12.2	29		
	423	FARAFRA	320	5	35	02	0	0	—	12.8	31	31	12
	432	DAKHLA	340	11	50	00	0	0	—	11.0	31	28	10
	435	KHARGA	360	4	15	00	0	0	—	10.2	32	15	2
Red Sea	450	SUEZ	360	9	50	01	0	0	—	11.0	26	37	10
	459	ṬŌR	310	13	15	05	0	0	—	9.1	25	70	19
	462	HURGHĀDA	10	15	30	02	0	0	—	7.5	25	58	16
	465	QUSEIR	20	13	15	02	0	0	—	9.1	26	62	18
	641	PORT SŪDĀN											
North Sūdān	600	WĀDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ATBARA											
	721	KHARTUM											
	780	KASSALA											
Central Sūdān	751	WĀD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FĀSHER											
	770	GENEINA											
S. Sūdān	840	MALAKĀL											
	880	WĀU											
	941	JUBA											

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
SALŪM	360	9	15	00	1	2	Sc	13.6	18	88	16	0
SĪDI BARĀNI	340	5	18	02	1	4	SC	13.0	18	78	14	0
MATRŪH	300	6	12	01	0	1	Ci	13.5	18	83	15	0
EL DABʻA	00	0	7	01	1	2	Cu		18	83	15	0
ALEXANDRIA	310	16	35	03	1	5	SC				15	0
FOUAD (Airport)	320	13	12	02	2	7	SC, CS	12.7	18	88	16	0
DAMIETTA	320	5		03	1	2	AC	12.4	19	83	16	0
PORT SAʻĪD	340	16	14	03	0	1	Ci	11.3	20	83	17	0
EL ʻARISH												
DAMANHŪR												
MANSŪRA	360	9		00	1	0	—	12.8	20	53	10	0
ṬANTA	00	0	35	01	1	5	Cu	13.0	20	73	15	0
ZAGAZIG												
ISMAʻILIA												
FAROUK (Airport)	340	11	12	03	2	7	CS	12.8	23	38	8	0
ALMĀZA	360	12	12	02	2	5	CS	11.9	24	41	10	0
EZBEKĪYA	360	4	12	00	0	2	Ci	13.1	22	47	10	0
GĪZA	360	4	12	00	0	2	Ci	13.3	22	44	9	0
HELWĀN												
FAIYŪM	00	0	35	02	0	0	—	12.2	24	38	9	0
MINYA	00	0	8	00	0	0	—	11.4	22	44	9	0
ASYŪT MANQABĀD	350	4	30	00	0	0	—	11.2	25	34	8	0
NAGʻ HAMMĀDI												
QENA	290	1	7	00	0	0	—	9.0	29	23	6	0
LUXOR												
ASWĀN	360	5	15	00	0	0	—	9.0	30	16	1	0
SĪWA	00	0	10	00	0	0	—	12.8	27	27	6	0
BAHARĪYA	00	0	15	02	0	0	—	12.7	23			0
FARAFRA	360	3	15	02	0	0	—	12.7	24	47	12	0
DAKHLA	320	8	35	00	0	0	—	11.5	27	20	2	0
KHARGA	00	0	15	00	0	0	—	13.3	27	15	-2	0
SUEZ	360	7	7	03	0	4	Cu	11.8	23	44	10	0
ṬŌR	310	9	15	05	0	0	—	9.1	23	74	18	0
HURGHĀDA	330	14	12	02	0	0	—	8.4	25	53	14	0
QUSEIR	360	5	15	02	0	0	—	9.1	24	54	14	0

At 0600 on Sunday 4th May, 1952

Wind 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	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
140	2	15	00	0	0	—	13.3	+0.1	21	24	-2	14	-1	57	12	0	Rain		SALUM
290	11	18	02	2	6	Cu, SC	13.4		19	21		14		78	15	0	115		SIDI BARANI
280	10	12	03	2	8	SC	13.9	-0.3	18	22		14		78	14	0	132		MATRŪH
00	0	14	03	2	6	SC, Cu			19	22		11		73	14	0	214		EL DABʻA
270	10	50	01	2	3	Cu	12.8	-1.3	18	22	-3	17	0	83	15	0	166	184	ALEXANDRIA
300	10	18	01	0	1	SC	12.7	-1.8	20	22	-3	16	+1	73	15	0	Rain	138	FOUAD (Airport)
250	2	7	02	1	2	Cu	11.8	-2.0	20	26	+1	15	-1	73	15	0	171	104	DAMIETTA
250	8	10	03	1	6	SC	11.8	-2.1	19	23	-1	18	0	88	17	0	92		PORT SAʻĪD
170	3	30	03	1	5	Cu, SC	11.7	-2.0	21			14		69	15	0	101		EL ʻARISH
230	5	15	02	1	1	Cu	13.0	-0.9	20			15	+1	73	15	0	87	99	DAMANHŪR
270	5	15	43	4	9		12.8	-1.1	17	29	-1	13	-1	88	15	0	62	53	MANSŪRA
220	2	35	03	2	6	Cu	13.1	-1.0	20	29	-2	12	-2	73	15	0	65	41	ṬANTA
00	0	35	02	0	0	—	13.0	-1.2	20			13	-1	73	15	0	30	26	ZAGAZIG
																			ISMAʻILIA
320	3	12	03	2	8	SC	13.1		17	29		14		77	13	0	83		FAROUK (Airport)
60	6	10	03	2	7	SC	12.8	-1.4	17	29	-3	15	-2	88	15	0	71		ALMĀZA
360	4	10	01	2	5	Cu	13.0	-0.6	20	29	-2	16	0	64	13	0	61	25	EZBEKĪYA
360	4	10	01	2	5	Cu	12.8	-0.9	19	29	-2	12	-1	73	14	0	58	25	GĪZA
																		28	HELWĀN
330	6	35	02	0	0	—	13.5	+0.3	20	30	-3	14	-1	64	13	0	23	8	FAIYŪM
10	1	10	00	0	0	—	12.7	-1.5	22	30	-3	11	-4	53	12	0	5		MINYA
310	2	14	00	0	0	—	12.8	+0.3	22	31	-4	17	-1	53	12	0	3		ASYŪT MANQABĀD
00	0	15	00	0	0	—	12.6	+0.8	22			16	-1	50	11	0	0.1		NAGʻ HAMMĀDI
320	1	15	00	0	0	—	12.0	+0.8	25	37	0	17	-2	42	11	0	2		QENA
																			LUXOR
360	3	50	00	0	0	—	11.8	+0.6	25	36	-2	20	-2	28	5	0	dr.		ASWĀN
00	0	14	00	0	0	—	14.2	-0.5	23	32	0	15	0	36	7	0	26	8	SĪWA
00	0	35	02	0	0	—	13.3	-0.6	23	30	-3	15	0			0	1	7	BAHARĪYA
00	0	35	02	0	0	—	13.8		23	32		13		50	12	0	Rain		FARAFRA
00	0	50	00	0	0	—	12.4	-0.3	27	33	-3	17	-1	33	9	0	dr.		DAKHLA
360	1	15	00	0	0	—	12.4	+0.5	23	32	-4	17	-2	32	5	0	dr.		KHARGA
360	5	35	00	0	0	—	11.8	-1.4	19	27	-4	14	-3	83	16	0	44	16	SUEZ
310	5	35	02	0	0	—	10.3	-1.0	23			17	-2	74	18	0	1	13	ṬŌR
340	13	30	02	0	0	—	10.3	-1.2	24	26	-1	18	-1	50	13	0	dr.		HURGHADA
330	13	15	02	0	0	—	10.6	-0.5	25	27	-3	21	-1	47	13	0	dr.	4	QUSEIR
340	6	30	01	2	7	Cu, AS	9.2		27	32		25		84	24	0	211	96	PORT SŪDĀN
																			WĀDI HALFA
20	13	18	07	2	6	CS			31	44		27		24	8	0			ABU HAMAD
50	13	30	07	0	6	CS	8.0		31	44		27		19	5	0	dr.	1	KAREIMA
20	13	10	03	2	7	Ac, Ci	6.3		32	44		27		22	8	0	dr.	4	ʻATBARA
80	7	30	03	1	4	ac, Ci	6.7		36	44		26		4	-13	0	0.6	5	KHARTUM
200	9	30	01	1	3	ac, Ci	6.3		33	44		22		16	4	0	49	13	KASSALA
																		15	WĀD MEDANI
																		58	RENK
																		59	ROSEIRES
330	12	30	01	2	3	ac, Ci	7.0		31	40		27		36	14	0	15	20	EL OBEID
40	6	15	02	1	5	Ac, Ci			30	41		23		12	-2	0	13	7	EL FĀSHER
																		9	GENEINA
180	11	30	02	2	7	ac	9.4		30	37		27		59	21	0	131	130	MALAKĀL
230	7	30	01	2	8	ac, CS	9.5		27	34		24		70	21	0	Rain	249	WĀU
180	9	30	01	2	7	ac, CS	11.3		26	31		23		74	21	0	350	325	JUBA

Humidity % Mean of day

	on 3rd	Diff. from normal
	80	+11
	53	+2
Gîza	56	+3
Helwan		

GÎZA GRASS MINIMUM ON 4th 11.0

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

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 3rd

Station	Port Said		El Arish		Minya		Asyut		Siwa		Dakhla		Kharga		Harghada		S.Banas	
Time	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.
300	320	12	320	13	350	10	330	17	270	13	360	16	350	17	350	20	310	10
600	300	14	320	17	350	13	330	16	290	12	360	10	350	21	340	26	300	16
1000	290	17	320	17	340	15	340	17	300	13	350	16	350	22	320	25	290	19
1500	290	17	350	17	340	13	320	19	290	23	350	24	330	17	270	20		
2000			350	16			350	28	290	22	340	20					320	14
3000									270	16							320	17
4000									280	15								
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 4th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʻīd		El ʻArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada			
Time	8		4		8		2						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	320	12	300	4	280	8	290	6					330	4	280	4			350	8	330	23		
600	320	10			330	4	300	9					350	6	320	8			360	17	330	26		
1000					320	9	320	7					340	7	330	11			10	23	340	22		
1500					320	10	330	5					30	3	340	21			350	31	250	19		
2000							360	2					40	3					330	18	300	9		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

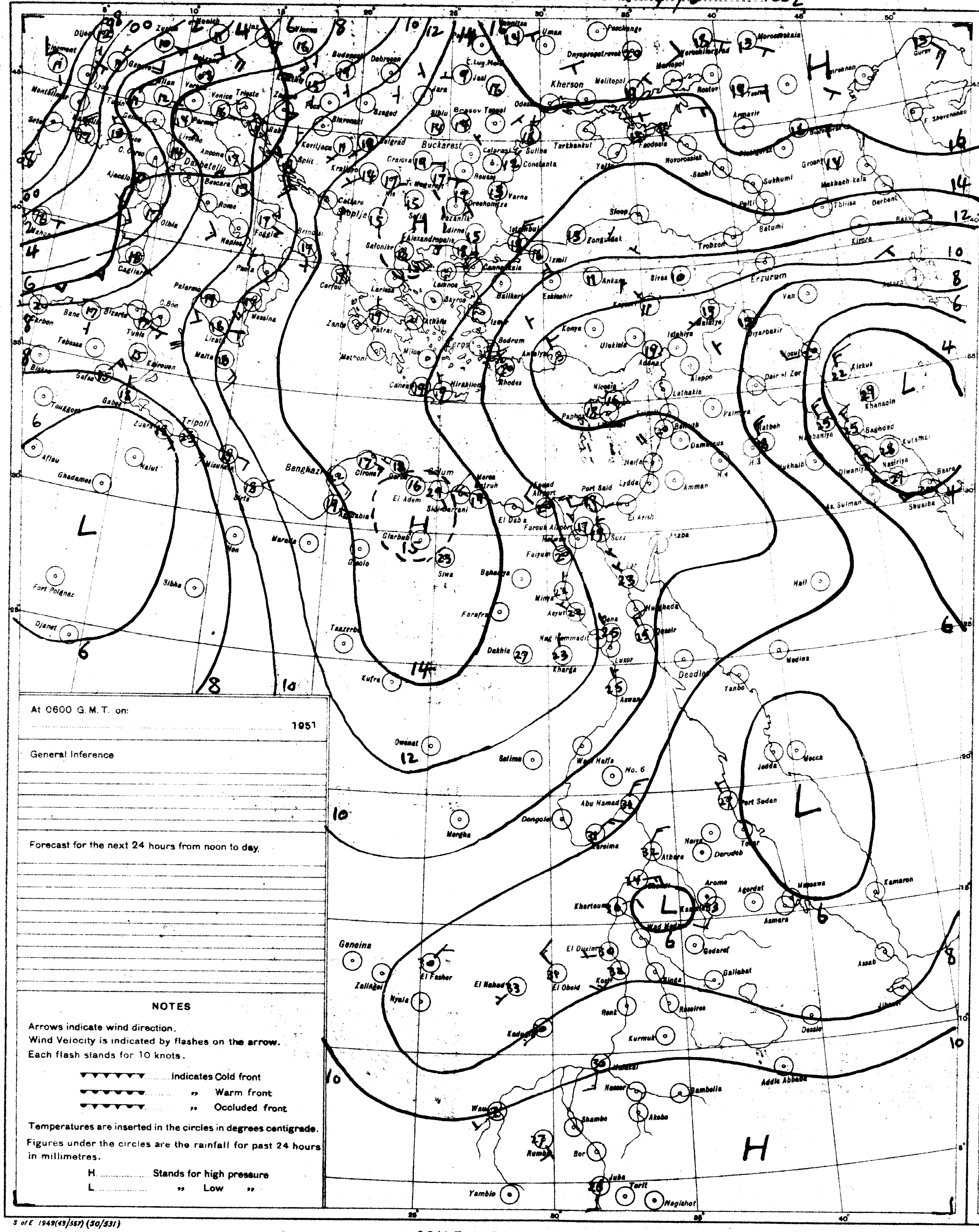
Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time	8		8		8		8		4						4								4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	12	320	10	50	2	30	13	30	15														
600	100	10	320	10	60	3	20	16	30	27					30	17							190	16
1000	130	2	340	10	350	9	360	19	10	31					40	25							200	37
1500	340	10	330	7	340	18	350	28	350	25					50	13							230	15
2000	340	14	320	7	330	25																	10	4
3000	330	26							320	29					40	13								
4000	330	29													80	5								
5000	330	34																						
6000	320	30																						
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.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4/5 1952



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 ,,

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

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 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: Monday 5th May, 1951 2

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	SALŪM											
	303	SÎDI BARÂNI											
	306	MATRÛH	320	16	18	02	0	0	—	13.3	21	65	14
	309	EL DABʿA	320	6	35	00	0	0	—		21	65	14
		ALEXANDRIA	310	14	50	02	2	3	AC	12.4	21	74	16
	318	FOUAD (Airport)	300	13	18	01	0	2	SC	11.9	22	69	16
	330	DAMIETTA	320	5	35	00	0	0	—	11.8	23	50	12
	333	PORT SAʿÎD	10	11	18	02	0	1	SC	10.4	22	65	15
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	230	9	15	02	0	0	—	11.8	26	37	10
	342	MANSURA	320	9	35	02	1	3	Cu	11.1	28	40	13
	348	TANTA	00	0	35	03	2	5	Cu	11.6	27	37	11
	354	ZAGAZIG	00	0	35	03	1	3	Cu	11.2	27	52	16
	440	ISMAʿÎLÎA											
Cairo Area	366	FAROUK (Airport)	290	9	30	03	1	3	Cu	11.2	27	33	9
	372	ALMÂZA	310	8	18	03	1	3	Cu	11.1	27	35	10
		EZBEKÎYA	10	3	30	00	0	0	—	11.0	29	13	6
		GÎZA	10	3	30	00	0	0	—	10.7	28	27	7
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	330	8	35	02	0	0	—	11.0	29	19	3
	387	MINYA	330	6	12	00	0	0	—	10.7	31	22	7
	393	ASYÛT MANQABÂD	330	14	30	00	0	0	—	10.1	30	29	10
	399	NAGʿ HAMMÂDI	270	1	35	00	0	0	—	10.2	32	24	9
	402	QENA	290	3	50	00	0	0	—	9.6	35	19	8
	405	LUXOR											
	414	ASWÂN	320	5	50	00	0	0	—	8.6	32	10	-3
Oases	417	SÎWA	250	3	14	00	0	0	—	13.2	30	19	4
	420	BAHARÎYA	320	2	35	02	0	0	—	11.6	31		
	423	FARAFRA	320	2	35	02	0	0	—	11.9	33		
	432	DAKHLA	320	5	50	00	0	0	—	10.4	32	28	11
	435	KHARGA	360	2	15	00	0	0	—	10.2	32	15	2
Red Sea	450	SUEZ	360	5	50	03	0	1	Cu	10.4	27		
	459	TÔR	310	9	35	02	0	0	—	9.4	26	42	12
	462	HURGHÂDA	10	17	30	02	0	0	—	9.4	26	45	13
	465	QUSEIR	20	13	15	02	0	0	—	9.6	25	70	19
	641	PORT SÛDÂN	40	11	30	02	2	7	Ac,Cc	7.3	29	70	23
North Sûdân	600	WÂDI HALFA	350	3	18	02	0	0	—	7.8	35	13	3
	640	ABU HAMAD	360	3	30	02	0	0	—		38	18	10
	660	KAREIMA	20	13	7			3	AcCi	3.1	39	13	6
	680	ʿATBARA	350	11	30	01	2	6	CS	2.2	41	12	6
	721	KHARTÛM	20	10	30	02	2	7	AcCS	1.5	43	5	-6
	730	KASSALA	270	2	30	02	1	1	Cu	0.4	43	9	3
Central Sûdân	751	WÂD MEDANI											
	801	RENK	180	9	35	02	1	7	Cu		40	28	18
	802	ROSEIRES	230	2	35	01	1	5	Ac,	2.8	39	26	16
	771	EL OBEID	270	8	30	03	0	5	Cu,As	2.3	40	19	12
	760	EL FÂSHER											
	770	GENEINA	50	9	30	01	2	3	AC		37		
S. Sûdân	840	MALAKÂL	230	7	30	03	2	5	Cu,Ac	5.0	36	37	19
	880	WÂU											
	941	JUBA											

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
SALŪM	40	2	15	00	0	0	—	12.6	20	83	17	0
SÎDI BARÂNI	340	8	18	03	2	7	SC	12.4	18	83	15	0
MATRÛH	300	7	14	02	0	2	SC	12.8	18	88	16	0
EL DABʿA	320	2	7	00	0	0	—		18	68	12	0
ALEXANDRIA	310	10	35	00	0	0	—	12.4	19	83	16	0
FOUAD (Airport)	320	9	12	01	0	0	—	11.9	18	88	16	0
DAMIETTA	320	5		00	0	0	—	11.5	20	73	15	0
PORT SAʿÎD	320	13	18	02	0	0	—	9.9	20	83	17	0
EL ʿARISH												
DAMANHUR	270	5	15	02	0	0	—	12.6	19	83	16	0
MANSURA	360	5		00	1	0	—	11.5	20	64	13	0
TANTA	00	0	35	02	1	0	—	12.0	18	83	15	0
ZAGAZIG	00	0	35	02	1	0	—	11.0	22	57	13	0
ISMAʿÎLÎA												
FAROUK (Airport)	340	9	12	00	1	0	—	11.1	23	44	10	0
ALMÂZA	340	8	15	03	2	3	Cu	11.0	24	38	9	0
EZBEKÎYA	00	0	15	00	0	0	—	10.8	22	41	8	0
GÎZA	00	0	15	00	0	0	—	11.2	23	38	8	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	11.0	25	34	8	0
MINYA	360	3	8	00	0	0	—	10.7	22	41	8	0
ASYÛT MANQABÂD	10	4	18	00	0	0	—	9.6	24	38	9	0
NAGʿ HAMMÂDI	00	0	15	00	0	0	—	9.4	25	54	15	0
QENA	290	3	7	00	0	0	—	8.3	30	22	6	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	8.3	27	15	-2	0
SÎWA	00	0	10	00	0	0	—	12.3	27	27	6	0
BAHARÎYA	00	0	15	02	0	0	—	11.8	24			0
FARAFRA	360	4	15	02	0	0	—	11.0	25			0
DAKHLA	360	5	50	00	0	0	—	9.8	29	23	6	0
KHARGA	00	0	15	00	0	0	—	10.2	29	19	3	0
SUEZ	360	6	15	01	0	0	—	11.1	22	50	11	0
TÔR	310	5	15	02	0	0	—	9.5	25	47	13	0
HURGHÂDA	310	11	14	02	0	0	—	9.1	26	42	12	0
QUSEIR	360	2	15	02	0	0	—	9.6	24	38	9	0

At 0600 on Monday 5th May, 1952

Station	Wind 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	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
SALŪM	140	2	35	00	0	1	Ci	13.4	+0.3	21	24	-2	15	0	65	14	0	Rain		SALUM
SÎDI BARÂNI	280	5	15	01	1	1		13.4		20	22		16		78	16	0	115		SÎDI BARÂNI
MATRÛH	270	11	30	01	0	2	AS	13.4	-0.7	20	22		14		73	15	0	132		MATRÛH
EL DABʿA	270	4	15	00	0	0	—			19	22		14		83	16	0	214		EL DABʿA
ALEXANDRIA	270	16	50	00	0	0	—	11.9	-2.2	19	22	-3	18	+1	83	16	0	166	184	ALEXANDRIA
FOUAD (Airport)	290	11	18	02	0	0	—	12.1	-2.3	21	23	-2	17	+2	74	16	0	Rain	138	FOUAD (Airport)
DAMIETTA	200	2	7	03	1	4	Cu	11.1	-2.6	20	24	-1	14	-2	73	15	0	171	104	DAMIETTA
PORT SAʿÎD	240	8	14	01	1	1	SC	10.8	-3.1	20	24	0	18	-1	83	17	0	92		PORT SAʿÎD
EL ʿARISH	220	2	30	00	0	0	—	10.9	-2.8	21			13		65	14	0	101		EL ʿARISH
DAMANHUR	270	9	15	02	1	1	Cu	12.4	-1.5	21	27	-2	14	0	65	14	0	87	99	DAMANHÛR
MANSURA	220	3	35	00	0	0	—	11.6	-1.3	20	29	-1	13	-2	73	15	0	62	53	MANSÛRA
TANTA	00	0	35	02	0	0	—	12.2	-1.9	19	29	-2	12	-2	73	14	0	65	41	TANTA
ZAGAZIG	00	0	35	03	1	6	Cu	12.3	-1.8	20	31	0	14	0	73	15	0	30	26	ZAGAZIG
ISMAʿÎLÎA																				ISMAÎLÎA
FAROUK (Airport)	340	7	9	05	2	6	SC	12.4		19	28		15		73	14	0	83		FAROUK (Airport)
ALMÂZA	360	3	10	03	2	7	SC	12.6	-1.5	20	30	-2	17	0	78	16	0	71		ALMÂZA
EZBEKÎYA	00	0	12	01	1	3	Cu	13.1	-0.5	21	29	-2	16	0	61	13	0	61	25	EZBEKÎYA
GÎZA	00	0	12	01	1	3	Cu			20	29	-2	13	0	73	15	0	58	25	GÎZA
HELWÂN																			28	HELWÂN
FAIYÛM	360	4	35	02	0	0	—	12.8	-0.4	20	30	-3	14	-2	64	13	0	23	8	FAIYÛM
MINYA	350	9	10	00	0	0	—	12.5	-1.6	21	32	-2	14	-1	57	12	0	3		MINYA
ASYÛT MANQABÂD	320	4	18	00	0	0	—	12.1	-0.4	23	32	-3	17	-1	44	10	0	3		ASYÛT MANQABÂD
NAGʿ HAMMÂDI	00	0	15	00	0	0	—	11.5	-0.8	23	33	-2	15	-2	44	10	0	0.1		NAGʿ HAMMÂDI
QENA	320	1	15	00	0	0	—	11.1	0.0	26	36	-1	17	-2	30	7	0	2		QENA
LUXOR																				LUXOR
ASWÂN	340	3	50	00	0	0	—	10.7	-0.4	26	33	-5	20	-2	30	7	0	dr.		ASWÂN
SÎWA	00	0	14	00	0	0	—	13.9	-0.8	21	32	-1	15	0	53	11	0	26	8	SÎWA
BAHARÎYA	00	0	35	02	0	0	—	13.5	-0.2	20	32	-1	14	-1	56	11	0	1	7	BAHARÎYA
FARAFRA	20	3	35	02	0	0	—	13.3		21	33		13		65	14	0	Rain		FARAFRA
DAKHLA	270	8	50	00	0	0	—	12.0	-0.7	25	33	-3	19	+1	34	8	0	dr.		DAKHLA
KHARGA	00	0	15	00	0	0	—	11.5	-0.3	25	33	-4	17	-2	34	8	0	dr.		KHARGA
SUEZ	360	5	50	00	0	0	—	12.3	-0.8	20	27	-4	14	-3	64	13	0	44	16	SUEZ
TÔR	310	9	15	02	0	0	—	9.5	-1.7	23			20	+1	61	15	0	1	13	TÔR
HURGHÂDA	340	8				0	—	9.9	-1.5	23	26	-2	20	+1	61	15	0	dr.		HURGHADA
QUSEIR	360	13	15	02	0	0	—	10.0	-1.1	25	27	-3	21	-1	54	15	0	dr.	4	QUSEIR
PORT SÛDÂN																			96	PORT SÛDÂN
WÂDI HALFA																				WÂDI HALFA
ABU HAMAD																				ABU HAMAD
KAREIMA																			1	KAREIMA
ʿATBARA	360	16	10	07	1	3	Ac,CS	6.5		30	43		24		22	6	0	dr.	4	ʿATBARA
KHARTÛM	30	13	30	02	0	1	AC	7.1		31	43		25		10	-4	0	0.6	5	KHARTÛM
KASSALA	360	5	30	03	0	1	AC	4.5		31	43		24		41	16	0	49	13	KASSALA
WÂD MEDANI	50	9	35	02	0	0	—	6.8		30	43		20		33	12	0	20	16	WÂD MEDANI
RENK	230	9	35	01	1	4	Ac			32	41		26		43	18	0		59	RENK
ROSEIRES	310	2	35	02	0	0	—	7.4		34	41		27		41	19	0	92	60	ROSEIRES
EL OBEID	150	3	30	02	2	7	CS	8.1		31	41		27		17	3	0	15	20	EL OBEID
EL FÂSHER	00	0	30	02	0	0	—			28	40		25		23	5	0	13	8	EL FÂSHER
GENEINA	00	0	30	02	2	8	Ac,CS			25	39		22		32	7	0		9	GENEINA
MALAKÂL	180	2	30	02	2	8	As,Ci	7.8		30?	38		23		52	19	0	131	132	MALAKÂL
WÂU	360	18	10	60	8	8	Sc,Ac	10.5		24	37		24		74	19	dr.	230	253	WÂU
JUBA																			330	JUBA

HUMIDITY % Mean of day

Station	on 4th	Diff. from normal
Alexandria	79	+9
Ezbekîya	57	+7
Gîza	50	-2
Helwân		

GÎZA
GRASS MINIMUM TEMP.
ON 5th 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

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.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 4th

Station	Matruh		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		S.Barani						Port Said		Minya		Fouad A.P.	
Time	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	320	10	10	13	320	23	350	10	360	22	350	20	350	14	330	14					310	17	10	18	290	10
600	320	12	340	6	320	19	350	9	340	24	350	24	360	9	320	13					300	15	360	21	310	9
1000	320	13	320	15	320	18	330	4	330	20	350	22	10	8	310	14					310	12	360	20	310	13
1500	330	19	290	14	320	20	280	5	330	31			320	10	340	16					280	13	330	13	290	10
2000	310	19	290	17			310	12	330	31					320	16					250	4				
3000	320	23	290	17			350	17							320	26					220	3				
4000	320	28	310	16			320	28																		
5000			300	23			310	23																		
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		4				2						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	340	9	320	13			280	5					20	11					20	9				
600	350	12	260	13			310	3					10	8					350	7				
1000	10	10	340	15			300	3					340	10					10	10				
1500	20	19	350	17			320	3					300	11					350	17				
2000	360	16	340	15			340	3											340	19				
3000	360	23					10	3																
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																	
Height m.	Dir.	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			330	3	30	9																
600	70	12			330	3	30	8																
1000	40	11			330	5	20	10																
1500	10	10			360	16																		
2000	340	26																						
3000	340	24																						
4000	350	24																						
5000	340	31																						
6000	340	24																						
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.

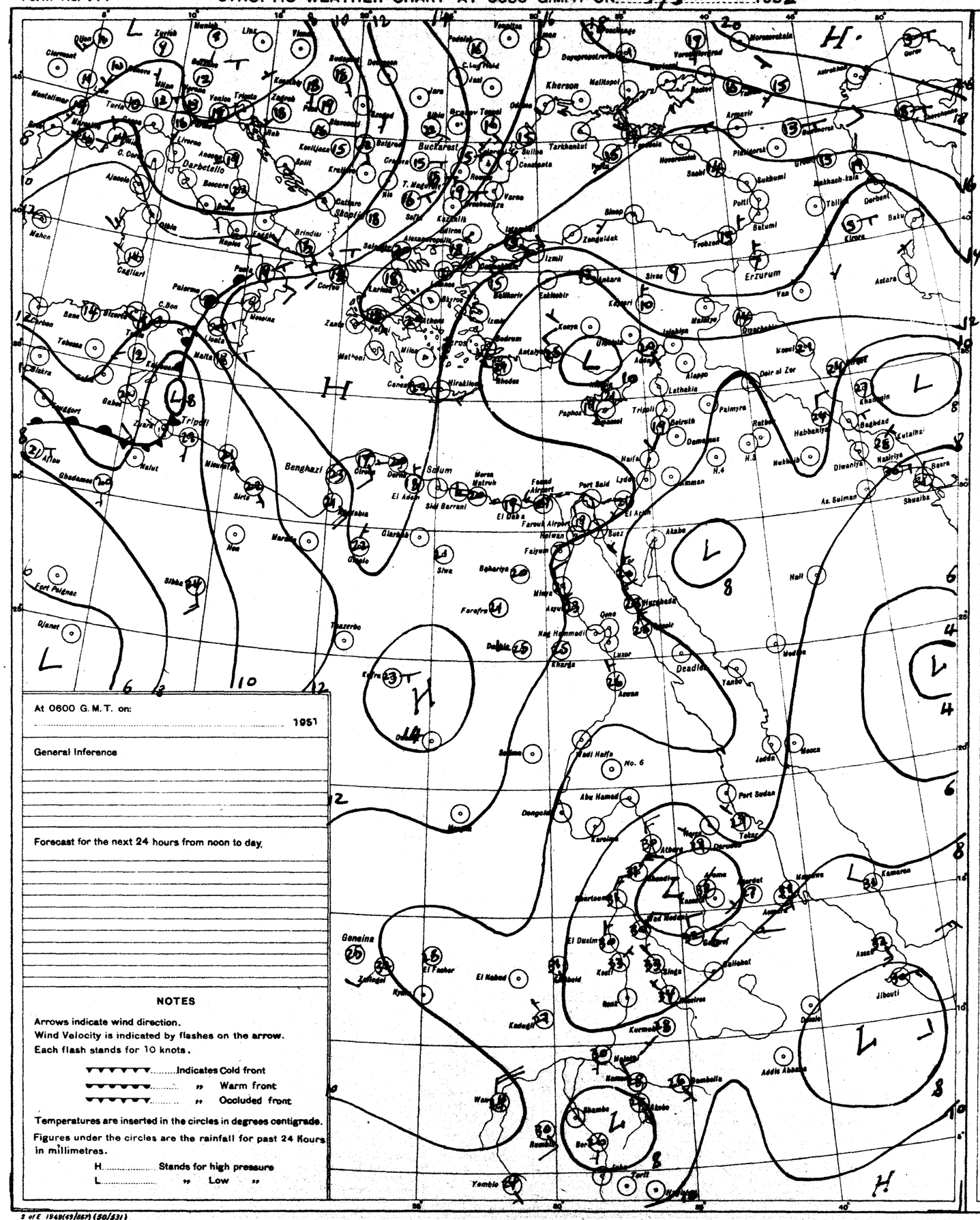
Note: All times are G.M.T.

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 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 / 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(49/867) (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: Tuesday 6th May, 1951 2

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	20	5	35	00	0	1	Ci	13.9	26	37	10
	303	SÎDI BARÂNI	320	8	18	02	1	1	Ci	13.9	21	69	15
	306	MATRÛH	310	15	30	02	0	2	Ci	14.3	24	47	12
	309	EL DABʻA	320	12	35	00	0	0	—		23	61	15
		ALEXANDRIA	360	16	50	00	0	0	—	12.4	22	69	16
	318	FOUAD (Airport)	300	13	18	01	0	2	Sc	11.9	22	69	16
	330	DAMIETTA	340	5	35	00	0	0	—	11.0	23	65	16
	333	PORT SAʻÎD	30	12	12	02	0	1	Cu	10.8	24	69	18
	336	EL ʻARISH											
LOWER EGYPT	339	DAMANHUR			15	02	0	0	—	12.4	26	42	12
	342	MANṢURA	360	5	35	03	2	4	Ac, Ci	11.4	28	33	10
	348	TANTA	310	2	35	03	2	5	Cu	11.8	27	37	11
	354	ZAGAZIG	00	0	50	01	1	3	Cu	11.5	27	42	13
	440	ISMAʻILÎA											
CAIRO AREA	366	FAROUK (Airport)	290	9	30	03	1	3	Cu	11.2	27	33	9
	372	ALMÂZA	310	8	18	03	1	3	Cu	11.1	27	35	10
		EZBEKÎYA	10	4	30	00	0	1	Cu	10.7	29	27	8
		GÎZA	10	4	30	00	0	1	Cu	11.0	28	27	7
	378	HELWÂN											
UPPER EGYPT	381	FAIYÛM	360	4	35	02	0	0	—	11.4	28	22	4?
	387	MINYA	350	6	10	00	0	0	—	10.5	29	27	8
	393	ASYÛT MANQABÂD	330	10	30	00	0	0	—	10.9	30	22	6
	399	NAGʻ HAMMÂDI											
	402	QENA	290	1	50	00	0	0	—	8.8	35	19	8
	405	LUXOR											
	414	ASWÂN	340	9	50	00	0	0	—	8.0	33	12	0
OASES	417	SÎWA	50	5	14	02	0	2		13.6	30	18	3
	420	BAHARÎYA	360	2	35	02	1	3	Ac	11.9	29		
	423	FARAFRA	360	3	35	02	0	0	—	12.4	31	22	7
	432	DAKHLA	320	8	50	00	0	0	—	11.0	31	31	12
	435	KHARGA	360	2	35	00	0	0	—	10.2	32	15	2
RED SEA	450	SUEZ	360	5	50	03	0	1	Sc	9.5	28	27	7
	459	TÔR	310	9	35	02	0	0	—	9.2	26	37	10
	462	HURGHÂDA	20	12	30	02	0	0	—	7.8	25	61	17
	465	QUSEIR	20	13	15	02	0	0	—	8.0	25	74	20
	641	PORT SÛDÂN	40	15	30	03	0	2	Ac	7.4	30	49	18
NORTH SÛDÂN	600	WÂDI HALFA	350	13	50	02	0	0	—	7.6	35	12	1
	640	ABU HAMAD	360	3	30	01	0	0	—		36	20	10
	660	KAREIMA	350	10	30	03	0	2	Ac	5.6	37	17	8
	680	ʻATBARA	360	11	30	02	1	4	Ac, Ci	3.5	38	11	3
	721	KHARTÛM	230	13	30	01	1	1	Ac	3.5	40	4	-9
	730	KASSALA	20		30	03	0	2	Cu	999.7	41	30	20
CENTRAL SÛDÂN	751	WÂD MEDANI	310	9	35	02	0	0	—	3.4	41	4	-8
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	8	30	02	0	0	—	5.4	38	7	-4
	760	EL FÂSHER	110	6	30	03	0	1	Cu		38	16	8
	770	GENEINA	112	12	30	03	2	8	Cu, Ac		37	24	13
S. SÛDÂN	840	MALAKÂL	250	2	30	17	2	8	Cb, Cs	3.1	37	33	18
	880	WÂU	340	4	30	01	6	7	Ac, Cs	7.6	30	52	19
	941	JUBA											

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.
SALÛM	340	5	15	00	0	4	Ci	13.8	20	56	11	0
SÎDI BARÂNI	330	3	18	01	1	1	Ci	13.6	19	77	15	0
MATRÛH	280	6	14	01	0	2	Ci	14.0	19	77	15	0
EL DABʻA	320	5	7	01	1	3	Cu		19	83	16	0
ALEXANDRIA	360	15	15	01	0	1	Sc	12.4	19	88	17	0
FOUAD (Airport)												
DAMIETTA	320	5	7	02	0	0	—	11.2	20	73	15	0
PORT SAʻÎD												
EL ʻARISH												
DAMANHUR	270	5	15	02	0	0	—	12.6	20	83	17	0
MANṢURA	20	5		00	1	0	—	12.2	21	74	16	0
TANTA	00	0	35	02	1	0	—	12.8	22	50	11	0
ZAGAZIG	40	1	35	02	1	0	—	12.2	22	57	13	0
ISMAʻILÎA												
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	10	5	12	00	0	0	—	11.4	22	53	12	0
GÎZA	10	5	12	00	0	0	—	11.6	23	44	10	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	11.2	24	38	9	0
MINYA	360	3	8	00	0	0	—	10.1	21	41	7	0
ASYÛT MANQABÂD	320	3	18	00	1	0	—	10.7	24	36	8	0
NAGʻ HAMMÂDI	00	0	15	01	0	2	Ac	9.6	26	37	10	0
QENA	00	0	7	00	0	0	—	9.6	27	27	6	0
LUXOR												
ASWÂN	360	4	15	00	0	0	—	8.4	28	22	4	0
SÎWA	50	2	10	03	0	5	—	13.1	27	27	6	0
BAHARÎYA	00	0	15	02	1	0	—	12.2	25			0
FARAFRA	360	3	15	02	0	0	—	12.2	24	26	3	0
DAKHLA	340	11	35	00	0	0	—	10.3	20	64	13	0
KHARGA	360	1	15	00	0	0	—	12.0	28	22	4	0
SUEZ	360	7	15	01	0	0	—	10.4	23	27	3?	0
TÔR	310	9	15	02	0	0	—	9.1	22	31	4?	0
HURGHÂDA	320	11	12	02	0	0	—	8.4	24	32	6?	0
QUSEIR	40	2	15	02	0	0	—	9.6	24	74	19	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʻATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Tuesday 6th May, 1952

Station	Wind 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	00	0	15	00	0	0	—	15.4	+2.3	24	27	+1	17	+1	47	12	0	Rain	
SÎDI BARÂNI	360	11	18	01	1	0	—	15.2		20	24		14		77	16	0	115	
MATRÛH	300	6	30	01	0	0	—	16.0	+1.9	20	25		13		73	15	0	132	
EL DABʻA	320	3	15	00	0	0	—			20	23		14		83	17	0	214	
ALEXANDRIA	00	0	35	01	1	3	Ac	15.9	+1.8	21	23	-2	17	0	74	16	0	166	185
FOUAD (Airport)	00	0	18	01	2	2	Sc	16.2	+1.9	20			18	+3	77	16	0	Rain	138
DAMIETTA	320	2	15	00	0	0	—	15.1	+1.4	20	25	0	16	0	83	17	0	171	104
PORT SAʻÎD	10	4	14	03	0	1	Sc	14.0	+0.2	21			18	-1	74	16	0	92	
EL ʻARISH																			
DAMANHÛR	360	9	15	02	0	0	—	15.0	+1.1	21	27	-2	14	0	65	14	0	87	99
MANṢÛRA	40	5	35	00	0	0	—	15.0	+1.2	21	30	0	15	0	74	16	0	62	53
TANTA	00	0	35	02	0	0	—	15.1	+1.0	21	29	-2	14	0	74	16	0	65	41
ZAGAZIG	00	0	35	02	2	8	Sc	15.9	+1.8	23	31	0	13	-1	69	17	0	30	26
ISMAʻILÎA																			
FAROUK (Airport)	20	5	10	01	2	5	Sc	15.1?		19			16		77	15	0	83	
ALMÂZA	40	4	12	01	2	5	Sc	14.4	+0.4	18			16	-1	88?	16	0	71	
EZBEKÎYA	20	3	10	01	2	4	Sc	15.2?	+1.6	22	29	-2	16	0	53?	12?	0	61	25
GÎZA	20	3	10	01	2	4	Sc			20	29	-2	16	+3	73	15	0	58	25
HELWÂN																			28
FAIYÛM	360	4	35	02	0	0	—	14.8	+1.7	20	30	-3	16	0	73	15	0	23	8
MINYA	360	9	10	00	0	0	—	14.5	+0.5	21	30	-4	15	-1	74	16	0	5	
ASYÛT MANQABÂD	270	2	18	03	0	1	Ci	14.4	+2.0	22	30	-5	16	-2	50	11	0	3	
NAGʻ HAMMÂDI	00	0	15	00	0	0	—	14.8	+3.2	23	33	-2	15	-2	50	12	0	0.1	
QENA	00	0	15	00	0	0	—	13.6	+2.6	28	35	-2	17	-2	33	10	0	2	
LUXOR																			
ASWÂN	360	4	50	00	0	0	—	13.0	+1.9	24	35	-3	20	-2	21	0	0	dr.	
SÎWA	100	2	14	01	0	0	—	16.6	+2.0	22	31	-2	14	-1	36	6	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	15.5	+1.8	20	30	-3	15	-1	23	-1	0	1	7
FARAFRA	20	2	35	02	0	0	—	15.4		22	31		15		25	1	0	Rain	
DAKHLA	320	10	50	00	0	0	—	14.4	+1.8	20	33	-4	17	-1	64	13	0	dr.	
KHARGA	360	1	15	00	0	0	—	14.3	+2.6	24	33	-4	18	-1	26	3	0	dr.	
SUEZ	360	6	35	00	0	0	—	13.4	+0.3	22	29	-2	16?	-1			0	44	16
TÔR	310	9	7	02	0	0	—	11.8	+0.7	25			22?	+3	61	17	0	1	13
HURGHADA	40	2	30	02	0	0	—	11.3	0.0	24	26	-2	18	-1	54	14	0	dr.	
QUSEIR	360	5	15	02	0	0	—	11.9	+0.8	25	27	-3	20	-2	58	16	0	dr.	4
PORT SÛDÂN	340	12	30	02	0	0	—	10.5		30	32		19		59	21	0	211	96
WÂDI HALFA																			
ABU HAMAD	360	5	30	02	0	1				27					33	9	0		
KAREIMA	50	9	30	02	0	0	—	10.6		29					25	7	0	dr.	1
ʻATBARA	360	12	30	03	0	2	Ci	8.6		31	40		21		17	3	0	dr.	4
KHARTÛM	10	15	30	02	1	3	Ac	8.9		30	41		22		9	-6	0	0.6	5
KASSALA	00	0	30	03	8	7	Ac, Ci	8.3		29	43		23		40	14	dr.	49	14
WÂD MEDANI																			16
RENK																			60
ROSEIRES																			63
EL OBEID																			21
EL FÂSHER	60	4	15	03	2	7	Ac			29			25		10	-6	0	13	8
GENEINA																			10
MALAKÂL	180	6	30	02	2	5	Sc, Ac	9.8		27	38				35	10	dr.	131	134
WÂU																			257
JUBA	180	9	50	03	2	8	Sc, Ac	10.1		25	35		22		79	21	0 2	351	335

HUMIDITY % Mean of day

Station	on 5th	Diff from normal
Alexandria	83	+13
Ezbekiya	55	+5
Gîza	54	+2
Helwân		

GÎZA
GRASS MINIMUM TEMP. ON 6th 14.8 °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					

.... AIRPORT — On .... At ....

Pressure 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	Minya		Hurghada		Dakhla		Siwa		Asyut		Matruh		Kharga		S. Barani								Port Said		Minya	
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	350	7	350	30	360	14	30	9	320	9	330	13	360	17	340	15							30	15	340	9
600	340	9			360	15	60	9	320	9	360	16	360	23	340	15							30	10	350	9
1000	330	6			360	23	20	10	330	15	340	12	360	21	350	11							40	10	330	8
1500	350	5			330	13	350	10	340	19	340	15			360	15							40	7	330	9
2000	350	11					350	10	330	15	10	16			360	17							50	9		
3000							10	15	320	23	360	17			360	29							70	5		
4000							350	23																		
5000							360	27																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		4		2		2						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			350	12	320	13	30	3					350	5	30	3					360	5	30	8
600			340	18	320	13	30	5					350	8	340	3					350	8	50	7
1000			360	17	330	14	30	5					340	10	350	6					300	7	40	9
1500			350	18			360	11					330	14	350	12							20	15
2000	20	23	10	15			350	18							350	6							30	20
3000	20	23					320	8							320	6								
4000	10	35													320	12								
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		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	10	10	13	290	3	20	13																
600	60	16	10	15	340	3	360	15																
1000	60	23	360	7	30	10	360	14																
1500	50	20	80	8	100	11	360	17																
2000	30	18	80	9	330	16	320	16																
3000	360	24			320	16																		
4000	20	22																						
5000	200	19																						
6000	360	16																						
7000																								
8000																								

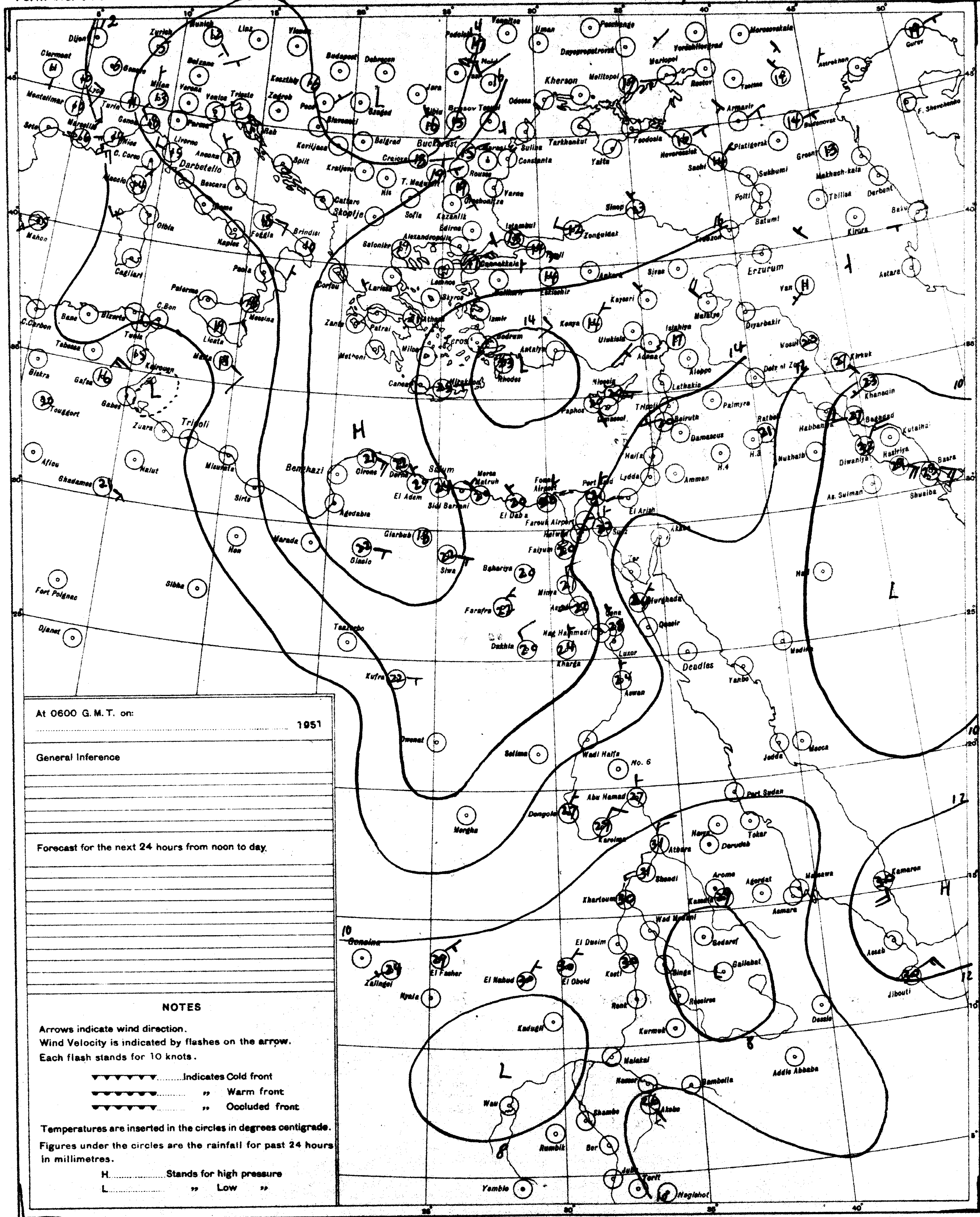
Remarks: 1- Wind Direction in degrees east of North.
2- „ Velocity „ Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6/5 1952



SCALE 1:15,000,000

S of E 1949(43/667) (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

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

CAIRO
Time of Sunrise 03 07 G.M.T.
" " Sunset 16 36 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 7th May, 1951 2

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	SALÛM	20	5	35	00	0	0	—	15.6	26	37	10
	303	SÎDI BARÂNI	360	6	30	00	0	0	—	15.7	22	76	17
	306	MATRÛH	330	6	30	02	0	0	—	16.2	24	54	14
	309	EL DABʿA			35	00	0	0	—		24	54	14
		ALEXANDRIA	360	13	50	02	2	2	Cu	15.0	22	69	16
	318	FOUAD (Airport)	320	16	18	01	1	2	Cu, Ci	14.9	23	69	17
	330	DAMIETTA	20	2	35	03	0	1	Cu	15.0	26	51	15
	333	PORT SAÏD	40	9	30	02	0	1	Cu	13.8	24	65	17
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	1	2	Cu	14.2	29	35	12
	342	MANSURA	360	5	35	02	1	3	Cu	14.0	29	31	10
	348	TANTA	330	5	35	02	0	0	—	14.2	30	40	15
	354	ZAGAZIG	00	0	50	02	2	0	—	13.9	29	35	12
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	70	4	18	03	0	3	Sc, Ci	14.6	30	25	8
	372	ALMÂZA	40	10	30	03	0	2	Cu, Ci	14.4	28	27	7
		EZBEKÎYA	30	4	30	00	0	0	—	13.2?	30	24	7
		GÎZA	30	4	30	00	0	0	—	14.2	29	29	9
	378	HELWÂN	340	13	35	02	0	0	—	13.0	28	27	7
Upper Egypt	381	FAIYÛM	360	6	35	03	0	1	Ci	13.0	30	21	5
	387	MINYA	360	4	10	03	0	1	Ci	11.7	31	17	3
	393	ASYÛT MANQABÂD	310	5	30	00	0	0	—	11.7	30	18	3
	399	NAGʿ HAMMÂDI	00	0	35	00	0	0	—	11.6	32	24	9
	402	QENA	00	0	50	00	0	0	—	10.8	35	19	8
	405	LUXOR											
	414	ASWÂN	00	0	50	00	0	0	—	10.0	34	6	-8
Oases	417	SÎWA	90	6	14	00	0	0	—	15.9	31	19	5
	420	BAHARÎYA	360	2	35	02	0	0	—	13.9	30		
	423	FARAFRA	20	1	35	02	0	0	—	13.3	30	25	8
	432	DAKHLA	320	9	35	00	0	0	—	12.6	31	28	10
	435	KHARGA	40	1	15	00	0	0	—	11.8	31	17	3
Red Sea	450	SUEZ	360	8	50	02	0	0	—	12.0	28	33	10
	459	TÛR	310	9	35	02	0	0	—	11.0	25	61	17
	462	HURGHÂDA											
	465	QUSEIR	20	13	15	02	0	0	—	11.6	26	62	18
	641	PORT SÛDÂN	40	18	30	03	0	3	Ac, Ci	9.0	30	59	21
North Sudan	600	WÂDI HALFA	300	8	50	03	0	0	—	9.2	34	16	5
	640	ABU HAMAD	350	1	30	02	0	1	Ac		37	19	10
	660	KAREIMA	350	9	30	02	0	2	Ci	7.2	37	9	-1
	680	ʿATBARA	20	9	50	03	1	3	Ac, Cs	4.5	38	16	8
	721	KHARTÛM	300	10	30	03	0	5	Ac, Cs	5.7	39	4	-10
	730	KASSALA	200	2	30	02	2	7	Ac	3.5	39	18	11
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	70	12	30	01	1	2	Ac	5.0	37	8	-3
	760	EL FÂSHER	150	3	30	02	2	8	Ac, Cs		35	10	-1
	770	GENEINA	140	7	50	01	2	7	Ac		33	23	9
S. Sudan	840	MALAKÂL	180	8	30	03	2	7	Cb, Ac	6.4	34	34	16
	880	WÂU											
	941	JUBA											

At 1800 on Tuesday 6th

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	360	5	15	00	0	1	Cu	15.9	21	57	12	0
303	SÎDI BARÂNI	340	2	18	05	1	2		16.1	20	83	17	0
306	MATRÛH	00	0	14	02	0	2	Ci	16.8	19	73	14	0
309	EL DABʿA	00	0	7	00	0	0	—		19	83	16	0
	ALEXANDRIA	40	11	35	00	0	0	—	16.4	20	83	17	0
318	FOUAD (Airport)	360	6	14	01	0	0	—	15.9	19	88	17	0
330	DAMIETTA	360	5	7	00	0	0	—	15.8	20	83	17	0
333	PORT SAÏD	30	13	14	02	0	0	—	15.2	22	74	17	0
336	EL ʿARISH												
339	DAMANHUR	40	9	15	02	0	0	—	15.0	20	73	15	0
342	MANSURA	20	9		00	1	0	—	15.6	21	74	16	0
348	TANTA	00	0	35	02	0	0	—	15.6	25	47	13	0
354	ZAGAZIG	40	1	35	02	0	0	—	15.9	23	61	15	0
440	ISMAÏLIA												
366	FAROUK (Airport)	70	19	12	00	1	0	—	14.4	26	42	12	0
372	ALMÂZA	40	16	14	01	2	0	—	14.4?	26	37	10	0
	EZBEKÎYA	40	3	12	00	0	0	—	15.2?	24	41	10	0
	GÎZA	40	3	12	00	0	0	—	14.4	25	42	11	0
378	HELWÂN	340	11	7	02	0	0	—	13.5	26	30	7	0
381	FAIYÛM	00	0	35	02	0	0	—	14.0	25	34	8	0
387	MINYA	340	3	8	00	0	0	—	12.5	23	38	8	0
393	ASYÛT MANQABÂD	310	5	18	00	0	0	—	12.4	26	28	6	0
399	NAGʿ HAMMÂDI	00	0	15	00	0	6		11.1	26	55	16	0
402	QENA	240	1	7	00	0	0	—	10.7	28	40	13	0
405	LUXOR												
414	ASWÂN	00	0	15	00	0	0	—	10.3	28	16	0	0
417	SÎWA	00	0	10	03	0	1	Ci	15.2	21	44	8	0
420	BAHARÎYA	360	2	15	02	0	0	—	14.4	26			0
423	FARAFRA	360	1	15	02	0	0	—	14.4	26	30	7	0
432	DAKHLA	340	11	35	00	0	0	—	13.3	27	33	9	0
435	KHARGA	360	1	15	00	0	0	—	13.4	27	20	2	0
450	SUEZ	360	6	15	02	0	0	—	13.0	24	47	12	0
459	TÛR	310	9	15	02	0	0	—	11.7	27	33	9	0
462	HURGHÂDA	290	3	14	02	0	0	—	11.6	24	50	13	0
465	QUSEIR	360	2	15	02	0	0	—	11.5	24	61	16	0
641	PORT SÛDÂN												
600	WÂDI HALFA												
640	ABU HAMAD												
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												
880	WÂU												
941	JUBA												

At 0600 on Wednesday 7th 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	Temperature 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
62300	SALÛM	00	0	15	00	0	0	—	16.8	+3.7	25	28	+1	17	+1	47	13	0	Rain	
303	SÎDI BARÂNI	280	1	18	00	0	0	—	17.1		21	24		13		64	15	0	115	
306	MATRÛH	300	4	30	02	0	1	Ci	18.0	+3.9	21	24		12		74	16	0	132	
309	EL DABʿA	00	0	15	03	2	8	St			20	25		12		83	17	0	214	
	ALEXANDRIA	270	5	50	01	0	3	Cu	18.0	+4.0	20	24	-1	17	0	83	17	0	166	185
318	FOUAD (Airport)	00	0	18	03	0	1	Sc	17.7	+3.5	21	25	-1	13	-3	83	18	0	Rain	138
330	DAMIETTA	20	2	15	00	0	0	—	17.9	+4.2	21	26	+1	16	-1	69	15	0	171	104
333	PORT SAÏD	230	4	14	03	0	3	Sc	16.5	+2.8	22	24	0	18	-1	69	16	0	92	
336	EL ʿARISH																			
339	DAMANHUR	270	5	3	28	4	0	—			20	30	+1	14	0	83	17	0	87	99
342	MANSURA	90	5	35	00	0	0	—	17.4	+3.6	22	31	+1	16	+1	74	17	0	62	53
348	TANTA	00	0	35	02	0	0	—	17.1	+3.0	22	30	-1	12	-2	65	15	0	65	41
354	ZAGAZIG	00	0	35	02	0	0	—	17.0	+2.9	23	32	+1	13	-1	74	18	0	30	26
440	ISMAÏLIA																			
366	FAROUK (Airport)	20	7	14	00	0	0	—	17.7		21	31		16		57	12	0	63	
372	ALMÂZA	40	6	12	00	0	0	—	17.0	+3.1	22	30	-2	16	-1	50	11	0	71	
	EZBEKÎYA	20	2	8	00	0	0	—	17.4	+3.9	24	31	0	16	0	44	11	0	61	25
	GÎZA	20	2	8	00	0	0	—	17.5	+4.0	21	30	-1	13	0	65	14	0	58	25
378	HELWÂN	340	8	7	02	0	0	—	17.1	+3.8	22	30	-1	17	0	50	11	0	59	28
381	FAIYÛM	330	2	35	02	0	0	—	17.0	+3.9	23	31	-2	16	0	44	10	0	23	8
387	MINYA	350	5	10	00	0	0	—	15.8	+1.9	22	32	-2	15	-1	47	10	0	5	
393	ASYÛT MANQABÂD	290	2	30	00	0	0	—	15.6	+3.2	24	32	-3	18	-1	41	10	0	3	
399	NAGʿ HAMMÂDI	00	0	15	00	0	0	—	15.0	+3.4	24	33	-3	16	-1	47	12	0	0.1	
402	QENA	00	0	15	00	0	0	—	14.0	+3.0	24	35	-2	18	-1	47	12	0	2	
405	LUXOR	80	2	30	00	0	0	—	13.5	+2.3	25			17		34	8	0	dr.	
414	ASWÂN	360	4	50	00	0	0	—	13.8	+2.7	25	35	-3	20	-2	22	2	0	dr.	
417	SÎWA	110	4	14	02	0	1	Ci	18.2	+3.6	22	32	-1	16	+1	41	8	0	26	6
420	BAHARÎYA	360	2	35	02	0	0	—	16.3	+2.6	25	32	-1	18	+2			0	1	7
423	FARAFRA	360	2	35	02	2	2	Ac	16.6		23	32		16		50	12	0	Rain	
432	DAKHLA	340	8	50	00	0	0	—	14.6	+2.0	25	32	-5	16	-2	42	11	0	dr.	
435	KHARGA	360	1	15	00	0	0	—	14.6	+2.9	25	32	-5	21	+1	22	2	0	dr.	
450	SUEZ	360	8	35	00	0	0	—	15.2	+2.2	22	30	-1	16	-2	57	13	0	44	16
459	TÛR	320	5	15	02	0	0	—	13.6	+2.5	25			18	-1	47	13	0	1	13
462	HURGHÂDA	350	10	30	02	0	0	—	13.3	+2.1	23	26	-2	17	-2	53	13	0	dr.	
465	QUSEIR	360	13	15	02	0	0	—	13.5	+2.4	26	27	-3	20	-2	48	14	0	dr.	4
641	PORT SÛDÂN																			96
600	WÂDI HALFA	360	9	50	02	0	0	—	13.9		25	36		18		24	3	0	dr.	
640	ABU HAMAD	360	7	30	02	1	3	Ac, Ci			28	38		23		29	8	0		
660	KAREIMA	20	12	30	03	1	6	Cs	12.1		27	38		23		17	0	0	dr.	1
680	ʿATBARA																			4
721	KHARTÛM	20	13	30	02	2	7	Ac	10.8		30	40		24		9	-6	0	0.6	5
730	KASSALA	20	2	30	03	2	7	Ac	11.5		28	40		20		37	12	0	49	14
751	WÂD MEDANI																			16
801	RENK																			61
802	ROSEIRES																			65
771	EL OBEID	40	7	30	02	2	7	Ac	11.2		29	38		23		11	-5	0	15	21
760	EL FÂSHER																			8
770	GENEINA																			10
840	MALAKÂL	250	4	30	02	2	8	As	12.5		26	35		24		70	20	dr.	131	136
880	WÂU																			261
941	JUBA	180	4	30	03	2	8	Cb, Ac	12.8		24	31		22		88	22	7	358	340

HUMIDITY %

Mean of day

Station	6th	Diff. from normal
Alexandria	75	+5
Ezbekiya	56	+6
Gîza	53	+1
Helwân	49	+11

GÎZA GRASS MINIMUM TEMP. ON 7th 11.8 °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 6th

Height m.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.	S. Buran Dir.	S. Buran Vel.					Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		14						20		20	
300	350	14	320	8	350	7	50	11	330	10	360	17	10	8	10	14	350	8					350	7	20	12
600	340	14	340	12	340	14	30	9	340	6	360	21	340	5	360	10	10	14					340	9	30	10
1000	340	9	350	10	340	17	10	13	330	7	350	20	20	7	330	10	310	17					330	6	20	7
1500	360	7	30	9	340	16	340	8	340	10	360	16	360	9	330	17	30	15					350	10	30	3
2000	340	7	350	10	10	10			340	10			350	8			20	22							40	6
3000	350	11			340	5			340	12			340	14												
4000													310	17												
5000													300	22												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Height m.	Sîdi Barani Dir.	Sîdi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said 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.		
Time	8		3				2				7		2		8		8		8					
300	60	6	10	9			40	5			40	4	340	11	90	5	40	3	360	4				
600	50	10	20	9			30	7			50	6	350	12	30	6	40	3	30	5				
1000	50	14	30	9			20	9			50	15	340	7	40	11	150	4	50	10				
1500	30	18	30	11			360	19			50	15	320	8	30	8	180	2	120	4				
2000	40	23	360	18			360	19			40	23			10	8	240	2	130	5				
3000	30	21	10	25			10	20			20	15			360	12								
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	8		8		8		8														5		4	
300	110	10	80	24	60	10	40	18																
600	120	13	70	13	60	14	40	17															250	11
1000	100	12	90	20	60	8	30	14													160	5	230	23
1500	70	15	80	23	20	16	60	11													140	15		
2000	60	18	80	26	50	16	40	8																
3000	50	22																					70	21
4000	50	22																					110	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.

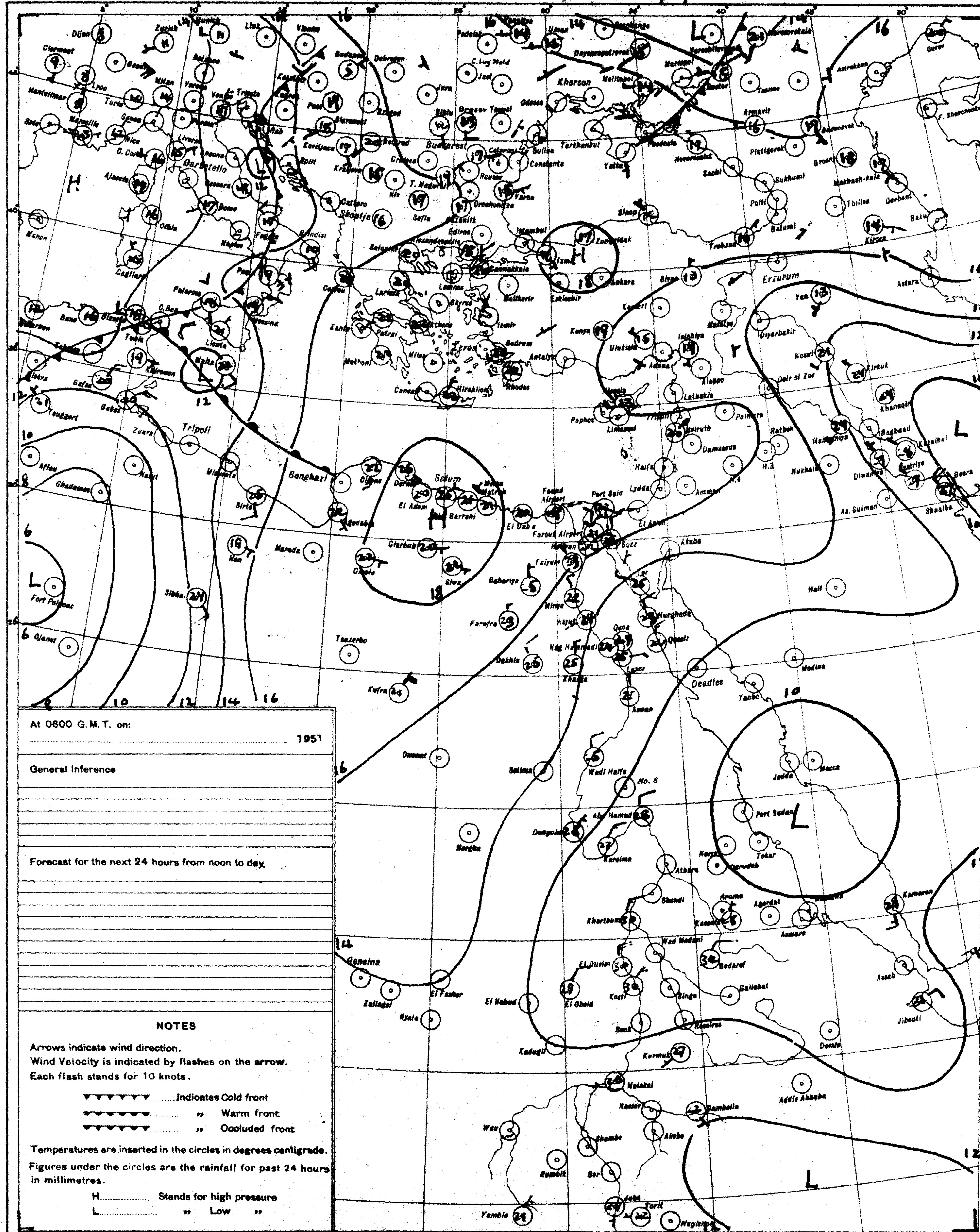
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7/5 1952



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(49/857) (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 03 07 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 8th May, 1951 2

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	40	5	35	00	0	0	—	17.7	28	27	7
	308	SIDI BARANI	60	7	30	00	0	0	—	16.0	24	47	12
	306	MATRUH	20	10	30	00	0	0	—	18.3	27	40	12
	309	EL DABA	00	0	35	00	0	0	—		26	55	16
		ALEXANDRIA	360	15	50	01			Ci	18.3	22	74	17
	318	FOUAD (Airport)	340	6	18	02	0	0	—	18.2	23	65	16
	330	DAMIETTA	340	5	35	02	0	0	—	18.3	24	61	16
	333	PORT SAID	10	12	30	02	0	1	SC	17.0	23	74	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	1	1	Cu	17.4	30	35	13
	342	MANSURA	360	5	35	00	0	0	—	17.1	30	31	11
	348	TANTA	00	0	35	02	0	0	—	17.5	30	27	9
	354	ZAGAZIG	40	2	50	02	0	0	—	17.1	30	35	13
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	70	14	18	00	0	0	—	16.7	30	21	5
	372	ALMAZA	40	16	30	00	0	0	—	16.1	29	29	9
		EZBEKIYA	30	4	30	00	0	0	—	16.8	31	24	8
		GIZA	30	4	30	00	0	0	—	16.4	30	25	8
	378	HELWAN	360	9	35	02	0	0	—	16.6	30	16	1
Upper Egypt	381	FAIYUM	20	8	35	02	0	0	—	17.2	31	17	3
	387	MINYA	330	11	10	00	0	0	—	14.8	33	17	5
	393	ASYUT MANQABAD	330	8	30	02	0	1	Ci	13.1	34	13	2
	399	NAG' HAMMADI	00	0	35	00	0	0	—	12.8	34	22	9
	402	QENA	320	1	50	00	0	0	—	12.0	36	20	10
	405	LUXOR											
	414	ASWAN	340	3	50	00	0	0	—	10.7	36	13	4
Oases	417	SIWA	140	6	14	00	0	0	—	18.4	32	17	4
	420	BAHARIYA											
	423	FARAFRA	360	4	35	02	0	0	—	16.2	32	34	14
	432	DAKHLA	360	11	15	00	0	0	—	13.8	32	38	16
	435	KHARGA	360	1	15	00	0	0	—	12.6	33	16	4
Red Sea	450	SUEZ	310	8	50	02	0	0	—	16.4	30	40	15
	459	TOR	310	9	35	02	0	0	—	13.9	26	55	16
	462	HURGHADA	20	6	30	02	0	0	—	12.4	25	61	17
	465	QUSEIR	20	13	15	02	0	0	—	12.3	27	52	16
	641	PORT SUDAN	40	12	30	03	2	7	AC	10.2	29	40	14
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	140	6	30	03	1	8	CS	8.4	36		
	680	'ATBARA	360	5	30	02	2	7	Ac,Ci	7.6	37	13	5
	721	KHARTUM	250	14	15	07	2	7	Ac,CS	7.1	37	7	-5
	730	KASSALA	310	7	30	03	2	6	AC	4.6	38	10	1
Central Sudan	751	WAD MEDANI	310	9	35	02	2	8	CS	5.1	39	4	-10
	801	RENK	350	9	35	02	2	8	SC		38	25	15
	802	ROSEIRES	50	2	35	02	1	5	Cu	4.9	40	19	12
	771	EL OBEID	10	11	30	03	1	5	Ac,Ci	6.0	37	7	-5
	760	EL FASHER	140	4	30	02	2	8	Cu,CS		35	22	10
	770	GENEINA	150	4	30	03	1	3	Cu,CS		34	25	11
S. Sudan	840	MALAKAL	180	7	30	03	2	7	Cu,CS	8.0	35	39	19
	880	WAU	200	4	30	03	2	7	AC	7.7	33	36	16
	941	JUBA											

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												
SIDI BARANI												
MATRUH	320	1	18	02	0	1	Ci	18.7	20	83	17	0
EL DABA	00	0	7	00	0	0	—		20	88	18	0
ALEXANDRIA	360	13	35	00	0	0	—	18.6	20	83	17	0
FOUAD (Airport)	340	9	12	02	0	0	—	18.1	19	88	17	0
DAMIETTA	340	5	7	02	0	0	—	17.4	21	74	16	0
PORT SAID	10	11	15	01	0	0	—	17.1	20	88	18	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	18.0	22	65	15	0
MANSURA	40	5		00	0	0	—	18.3	22	57	13	0
TANTA	00	0	35	02	0	0	—	17.6	23	53	10	0
ZAGAZIG	00	0	35	02	0	0	—	18.0	24	54	14	0
ISMAILIA												
FAROUK (Airport)	70	17	12	00	0	0	—	17.2	29	31	10	0
ALMAZA	50	15	12	00	0	0	—	16.7	26	40	11	0
EZBEKIYA	80	3	12	00	0	0	—	17.2	25	36	9	0
GIZA	80	3	12	00	0	0	—	17.0	26	37	10	0
HELWAN	20	15	15	02	0	0	—	16.2	26	30	7	0
FAIYUM	00	0	35	02	0	0	—	16.6	26	37	10	0
MINYA	360	8	8	00	0	0	—	14.3	25	30	6	0
ASYUT MANQABAD	320	6	14	00	0	0	—	13.6	27	30	8	0
NAG' HAMMADI	00	0	15	00	0	0	—	11.9	27	52	16	0
QENA	240	1	15	00	0	0	—	12.2	29	23	6	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	10.4	30	21	5	0
SIWA	00	0	10	03	0	2	Ci	17.4	22	47	10	0
BAHARIYA												
FARAFRA	360	4	15	02	0	0	—	15.8	27	33	9	0
DAKHLA	340	12	35	00	0	0	—		28	40	13	0
KHARGA	360	1	15	00	0	0	—	13.9	28	22	4	0
SUEZ	360	9	15	02	0	0	—	15.4	24	47	12	0
TOR	360	9	15	02	0	0	—	12.0	25			0
HURGHADA	330	13	12	02	0	0	—	11.8	26	55	16	0
QUSEIR	360	5	15	02	0	0	—	11.5	25	42	11	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Thursday 8th May, 1952

Station	Wind 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	150	6	30	00	0	0	—	18.0	+3.9	24	25		12		38	9?	0	132	
EL DABA	00	0	15	00	0	0	—			21	26		12		74	16	0	214	
ALEXANDRIA	180	5	50	00	0	0	—	18.3	+4.3	21	24	-1	17	0	74	16	0	166	185
FOUAD (Airport)	220	4	18	03	4	3	SC	18.0	+3.9	22	26	0	14	-2	69	16	0	Rain	138
DAMIETTA	200	2	15	00	0	0	—	17.4	+3.8	23	25	-1	16	-1	74	18	0	171	104
PORT SAID	320	5	18	02	0	0	—	16.6	+3.0	22	24	-1	18	-1	69	16	0	92	
EL 'ARISH																			
DAMANHUR	230	5	15	02	0	0	—	17.6	+3.7	21	31	+2	14	-1	74	16	0	87	99
MANSURA	220	3	35	00	0	0	—	17.5	+3.7	22	31	+1	15	0	74	17	0	62	53
TANTA	00	0	35	02	0	0	—	17.5	+3.5	21	31	0	12	-2	74	16	0	65	41
ZAGAZIG	00	0	35	02	0	0	—	18.0	+4.0	22	32	+1	13	-1	65	15	0	30	26
ISMAILIA																			
FAROUK (Airport)	70	6	18	00	0	0	—	16.8		22	31		11		50	11	0	83	
ALMAZA	40	7	12	00	0	0	—	16.9	+3.1	22	31	-1	11	-6	65	15	0	71	
EZBEKIYA	20	3	10	00	0	0	—	17.1	+3.6	22	31	0	14	-2	53	12	0	61	25
GIZA	20	3	10	00	0	0	—	17.4	+3.9	22	31	-1	13	0	57	13	0	58	25
HELWAN	360	13	7	02	0	0	—	16.8	+3.5	24	30	-1	16	-1	50	13	0	59	28
FAIYUM	360	6	35	02	0	0	—	16.7	+3.6	25	32	-1	15	-1	34	8	0	23	8
MINYA	350	9	10	00	0	0	—	15.0	+1.2	22	33	-1	14	-2	44	9	0	5	
ASYUT MANQABAD	340	3	18	00	0	0	—	15.3	+2.9	22	34	-2	17	-2	41	8	0	3	
NAG' HAMMADI											35	-1							
QENA	00	0	15	00	0	0	—	13.1	+2.2	24	37	0	18	-1	47	12	0	2	
LUXOR																			
ASWAN	00	0	50	00	0	0	—	12.8	+1.8	27	37	-1	21	-1	27	6	0	dr.	
SIWA	90	7	14	00	0	0	—	18.4	+3.8	24	33	0	14	-1	34	7	0	26	8
BAHARIYA	360	3	35	02	0	0	—	16.6	+3.0	25			18	+2			0	1	7
FARAFRA	20	4	35	02	0	0	—	17.6		23	33		16				0	Rain	
DAKHLA	20	10	35	00	0	0	—	14.7	+2.2	27	34	-3	21	+3	40	12	0	dr.	
KHARGA	360	2	15	00	0	0	—	14.0	+2.4	26	35	-2	22	+2	25	4	0	dr.	
SUEZ	310	5	35	00	0	0	—	15.8	+2.8	23	30	-1	17	-1	50	12	0	44	16
TOR	310	5	15	02	0	0	—	13.5	+2.5	24			17	-2	54	14	0	1	13
HURGHADA	340	13	30	02	0	0	—	13.0	+1.9	24	26	-2	20	+1	54	14	0	dr.	
QUSEIR	360	9	15	02	0	0	—	13.4	+2.4	26	28	-2	21	-1	48	14	0	dr.	4
PORT SUDAN	340	10	30	02	2	6	Ac,Ci	11.1		31	32		21		18	4	0	211	96
WADI HALFA	360	8	50	01	0	0	—	12.0		25	35		18		21	1	0	dr.	
ABU HAMAD	20	3	30	02	1	3	Ac,Ci			30	38		21		16	1	0		
KAREIMA	340	7	30	01	1	3	CS	11.2		27	36		20		20	2	0	dr.	1
'ATBARA	350	11	30	02	2	5	Ac,CS	8.8		29	38		21		19	3	0	dr.	4
KHARTUM	350	9	30	03	0	4	Ac,Ci	9.6		29	39		23		12	-3	0	0.6	5
KASSALA	310	2	30	01	2	6	CS	8.4		29	40		22		40	14	0	49	15
WAD MEDANI	310	9	35	02	1	6	Ci	9.1		31	39		20		11	-3	0	20	17
RENK	270	9	35	02	1	6	AC			30	39		23		49	18	0		62
ROSEIRES	230	2	35	02	1	3	Cc			32	41		25		36	15	0	92	66
EL OBEID	40	13	30	01	1	5	Ac,Ci	10.3		30	39		22		8	-8	0	15	22
EL FASHER																			9
GENEINA	60	1	30	01	2	2				25	37		21		45	12	0		11
MALAKAL	180	5	30	01	2	4	AC	11.6		28	37		25		62	20	0	131	138
WAU																			265
JUBA	180	8	50	02	2	8	Ci,AC	12.4		24	28		21		89	22	0.5	358	345

HUMIDITY % Mean of day

Station	on 7th	Diff. from normal
Alexandria	84	+14
Ezbekiya	40	-10
Giza	48	-4
Helwan	36	-2

GIZA GRASS MINIMUM TEMP. on 8th 12.1 °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 ..... 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.	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

Height m.	S. Barani Dir.	Vel.	Matruh Dir.	Vel.	Port Said Dir.	Vel.	Almaza Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Sura Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Hurghada Dir.	Vel.			Port Said Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		14		14		14	15	14		14		14		14				20		20	
300	360	15	10	8	310	12	20	20	350	22	340	13	140	3	20	22	20	16	30	12			360	7	10	25
600	40	4	340	5	350	8	10	17	350	25	350	17	110	3	10	27	30	19	340	21			10	5	20	28
1000	100	4	280	4	360	7	10	27	360	21	350	19	70	7	10	23	30	21	340	21			10	7	20	26
1500	20	7	30	10	10	14	20	22	10	17	20	11	50	10	360	25	360	20					20	7	20	15
2000	20	20	60	26	10	13	120	4			10	2	60	21									20	6		
3000	20	23	20	19							20	5	40	18												
4000			10	16							30	4	40	14												
5000			20	11							10	16														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

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				8		6				2		8									
300			60	3			290	4	90	4			30	19	40	3								
600			40	10			320	3	80	9			40	24	60	3								
1000			30	10			40	9	30	17			30	25	20	9								
1500			30	13			40	8	30	18			20	16	10	8								
2000			30	17			50	23	50	16					30	10								
3000			30	24					30	14					00	0								
4000			20	24					350	13														
5000									340	21														
6000									320	17														
7000									320	17														
8000									280	30														

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			8												4				4		5		4	
300			350	17																				
600			340	15											350	20							170	12
1000			340	12											350	21			20	23	50	16	180	17
1500															350	19			360	16	360	15	290	7
2000																							30	16
3000															210	2			350	10	50	11		
4000																			220	7	340	31		
5000																			150	9				
6000																			310	11				
7000																								
8000																			250	9				

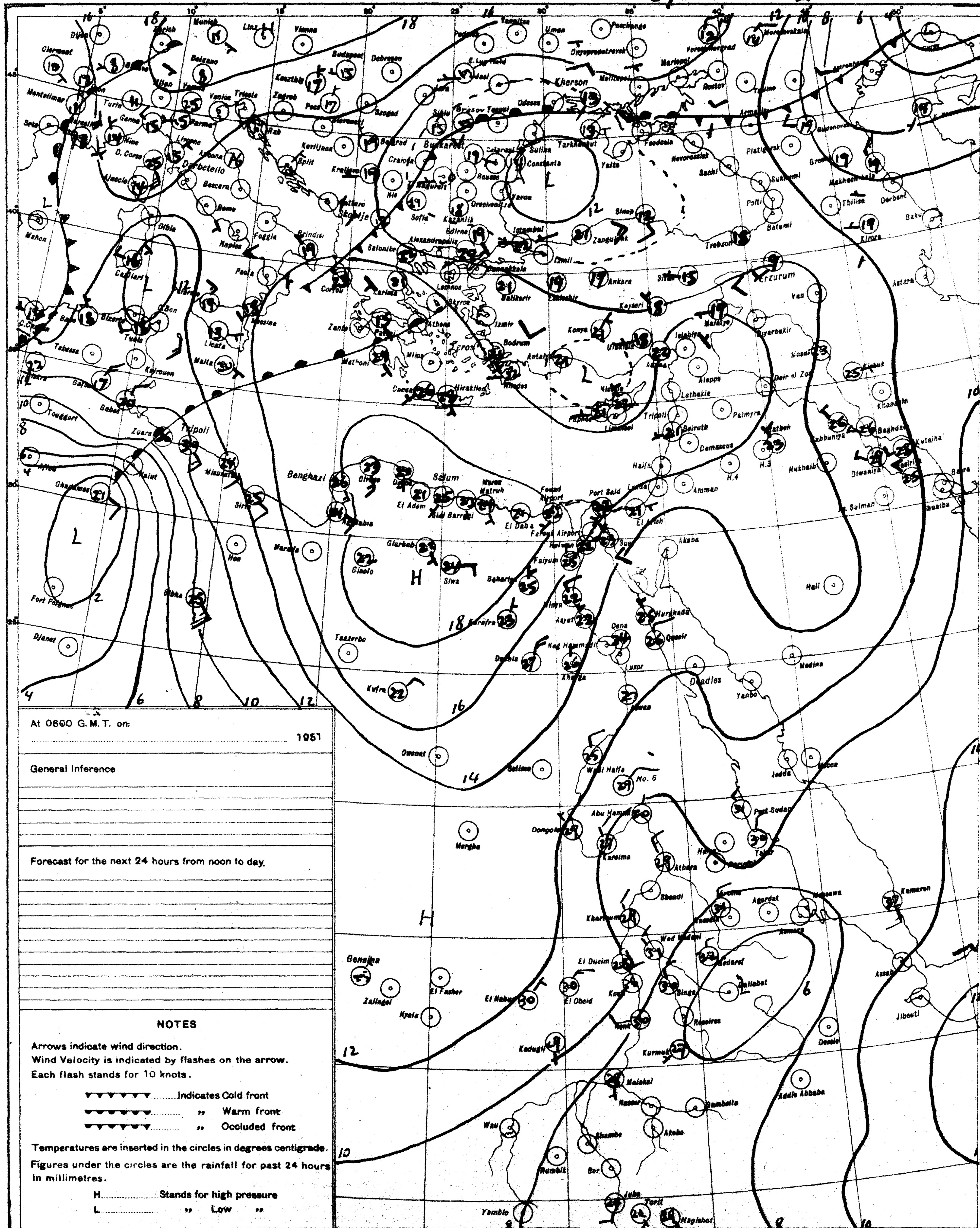
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.85 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/537).(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** 8/5 1952



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

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: Friday 9th May, 1951 2

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	90	5	35	01	3	4	Cu	16.6	30	31	11
	903	SÎDI BARÂNI	360	6	30	03	0	2	CS	16.6	25	45	12
	306	MATRÛH	360	7	30	02	0	0	—	16.9	26	37	10
	309	EL DABÂ	360	3	35	00	0	0	—		27	37	11
		ALEXANDRIA	360	15	50	00	0	0	—	16.4	23	65	16
	318	FOUAD (Airport)	310	11	18	02	0	0	—	16.4	25	51	14
	330	DAMIETTA	340	2	35	00	0	0	—	16.0	26	42	12
	333	PORT SA'ÎD	10	10	30	02	0	1	Ci	15.0	24	74	19
	336	EL 'ARISH	350	6	30	03	0	1	Cu	14.7	23	53	13
Lower Egypt	339	DAMANHUR	270	5	15	02	0	0	—	15.6	30	31	11
	342	MANSURA	40	5	35	00	0	0	—	15.5	32	24	9
	348	TANTA	00	0	35	02	0	0	—	15.2	32	28	11
	354	ZAGAZIG	00	0	50	02	0	0	—	16.2	32	34	14
	440	ISMAÎLIA											
Cairo Area	366	FAROUK (Airport)	20	10	18	00	0	0	—	14.5	32	30	12
	372	ALMAZA	40	16	30	00	0	0	—	14.3	31	28	10
		EZBEKÎYA	40	6	14	00	0	0	—	15.0	32	22	8
		GÎZA	40	6	14	00	0	0	—	15.1	31	22	7
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	13.6	33	12	0
	387	MINYA	360	14	12	00	0	0	—	11.6	34	15	4
	393	ASYÛT MANQABÂD	20	5	30	00	0	0	—	11.2	34	10	-2
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	10.8	35	19	8
	402	QENA	240	1	50	00	0	0	—	11.1	37	14	6
	405	LUXOR											
	414	ASWÂN	320	3	50	00	0	0	—	9.5	35	12	1
Oases	417	SÎWA	270	3	14	03	1	4	Ci	17.2	34	11	-1
	420	BAHARÎYA	40	3	35	02	0	0	—	14.8	34		
	423	FARAFRA	360	2	35	02	0	0	—	15.0	32		
	432	DAKHLA	330	11	35	00	0	0	—	12.4	34	6	-6
	435	KHARGA	360	2	15	00	0	0	—	11.8	34	14	3
Red Sea	450	SUEZ	360	7	50	02	0	0	—	14.7	31	17	3
	459	TÛR	310	5	35	02	0	0	—	12.7	27	55	17
	462	HURGHÂDA	40	9	30	02	0	0	—	10.9	27	58	18
	465	QUSEIR	360	13	15	02	0	0	—	11.2	27	55	17
	641	PORT SUDÂN	40	15	30	03	0	3	Ci	8.8	31	55	21
North Sudan	600	WÂDI HALFA	340	11		02	0	0	—	8.2	37	9	-1
	640	ABU HAMAD	270	1	30	02	0	2	Ci		39	13	6
	660	KAREIMA	50	3	30	02	0	1	Ci	6.2	38	13	5
	680	'ATBARA	10	4	30	01	2	6	CS	4.1	40	17	11
	721	KHARTÛM	270	5	15	02	1	7	CS	2.0	40	11	4
	730	KASSALA	270	3	30	02	2	4	Ci	2.5	41	13	7
Central Sudan	751	WÂD MEDANI	310	9	35	02	2	8	CS	4.5	38	6	-7
	801	RENK											
	802	ROSEIRES		2	35	02	1		Ci	3.0	40	30	19
	771	EL OBEID	360	5	30	03	2	7	Ac	6.6	35	9	-2
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	200	4	30	01	2	6	Cu, Ac	6.0			14
	880	WAU	180	5	30			6	Cu	7.1	34	34	16
	941	JUBA											

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	360	2	15	02	1	6	CS	16.2	29	14	-1	0
SÎDI BARÂNI	00	0	18	03	1	7	CS	15.6	21	65	14	0
MATRÛH	300	3	15	00	0	0	—	16.5	20	73	15	0
EL DABÂ	00	0	7	00	0	0	—		20	83	17	0
ALEXANDRIA	360	11	35	00	0	0	—	15.8	21	65	14	0
FOUAD (Airport)												
DAMIETTA	320	2	7	00	0	0	—	15.4	21	74	16	0
PORT SA'ÎD	360	12	18	02	0	0	—	14.3	22	61	14	0
EL 'ARISH												
DAMANHUR	270	5	15	02	0	0	—	15.6	21	74	16	0
MANSURA	40	5		00	0	0	—	15.5	23	44	10	0
TANTA	00	0	35	02	0	0	—	15.2	26	55	16	0
ZAGAZIG	40	1	35	02	0	0	—	15.6	23	61	15	0
ISMAÎLIA												
FAROUK (Airport)												
ALMAZA												
EZBEKÎYA	00	0	12	00	0	0	—	15.0	25	39	10	0
GÎZA	00	0	12	00	0	0	—	15.0	27	33	9	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	14.0	27	33	9	0
MINYA	350	8	8	00	0	0	—	12.7	27	28	7	0
ASYÛT MANQABÂD	310	3	18	00	0	0	—	10.7	28	29	8	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	9.8	27	37	11	0
QENA	290	1	7	00	0	0	—	10.2	28	29	8	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	8.8	30	16	1	0
SÎWA	00	0	10	01	1	0	—	16.0	27	33	9	0
BAHARÎYA	360	2	15	02	1	3	Ac	14.3	28			0
FARAFRA	360	5	35	02	2	5	Ac	13.9	26			0
DAKHLA	360	9	35	00	0	0	—	11.4	29	14	-1	0
KHARGA												
SUEZ	310	7	15	02	0	0	—	14.6	25	34	8	0
TÛR	310	5	15	02	0	0	—	11.0	25	61	17	0
HURGHÂDA	310	16	14	02	0	0	—	10.8	25	54	15	0
QUSEIR	20	5	15	02	0	0	—	11.2	25	42	11	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Friday 9th May, 1952

Station	Wind 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	—	14.0	+1.0	27	31	+4	20	+4	42	13	0	Rain	
SÎDI BARÂNI	360	8	30	00	0	0	—	14.0		24	28		16		28	4	0	115	
MATRÛH	250	7	30	02	0	0	—	14.2	+0.1	22	28		16		36	6	0	132	
EL DABÂ	00	0	15	00	0	0	—			18	28		14		73	13	0	214	
ALEXANDRIA	270	10	50	00	0	0	—	14.4	+0.4	22	25	0	19	+2	74	17	0	166	185
FOUAD (Airport)	290	7	18	02	0	0	—	14.3	+0.3	23			15	-1	65	16	0	Rain	138
DAMIETTA	310	2	15	00	0	0	—	13.4	-0.2	23	27	+1	15	-2	53	13	0	171	104
PORT SA'ÎD	220	7	18	01	1	1	Ci	12.8	-0.7	23	26	+1	20	+1	65	16	0	92	
EL 'ARISH	250	2	30	03	1	4	CS	13.4	-0.2	23			14		53	13	0	101	
DAMANHUR	310	5	7	02	0	0	—	14.2	+0.4	21	31	+2	15	0	74	16	0	87	99
MANSURA	20	3	35	00	0	0	—	14.0	+0.2	24	32	+1	15	0	61	16	0	62	53
TANTA	00	0	35	02	0	0	—	14.2	+0.2	24	32	+1	13	-1	61	16	0	65	41
ZAGAZIG	00	0	35	02	0	0	—	13.9	-0.1	23	33	+2	13	-1	61	15	0	30	26
ISMAÎLIA																			
FAROUK (Airport)	70	6	12	01	0	1	Ci	13.9		23			17		50	12	0	83	
ALMAZA	20	6	12	01	1	1	Ci	13.3	-0.4	23			17	0	57	14	0	71	
EZBEKÎYA	00	0	12	00	0	0	—	14.3	+0.9	26	33	+1	15	-1	45	13	0	61	25
GÎZA	00	0	12	00	0	0	—	14.0	+0.5	23	32	0	14	0	50	12	0	58	25
HELWÂN																			28
FAIYÛM	360	6	35	03	0	1	Ci	13.6	+0.6	25	33	0	17	+1	42	11	0	23	8
MINYA	360	10	10	00	0	0	—	13.6	-0.1	22	35	0	16	0	47	10	0	5	
ASYÛT MANQABÂD	290	5	30	00	0	1	Ci	12.6	+0.3	23	36	0	16	-3	34	6	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	12.4	+1.0	23	36	0	16	-2	50	12	0	0.1	
QENA	290	1	15	00	0	0	—	11.5	+0.6	26	39	+1	18	-1	42	12	0	2	
LUXOR	00	0	30	00	0	0	—	10.4	-0.7	27			16		23	4	0	dr.	
ASWÂN	00	0	50	00	0	0	—	10.6	-0.4	26	36	-2	20	-3	18	0	0	dr.	
SÎWA	00	0	14	00	0	0	—	16.0	+1.4	26	35	+2	16	+1	30	7	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	14.6	+1.0	25	34	0	18	+2			0	1	7
FARAFRA	360	2	35	02	2	1	Ac	14.6		25	34		17				0	Rain	
DAKHLA	330	14	7	01	1	2	Ci			25	35	-2	21	+3	34	8	0	dr.	
KHARGA	360	1	15	00	0	0	—	11.4	-0.2	27			23	+3	20	2	0	dr.	
SUEZ	060	6	35	00	0	1	Cu	13.5	+0.5	23	32	0	16	-2	50	12	0	44	16
TÛR	310	9	35	02	0	0	—	12.0	+1.0	24			22	+3	69	18	0	1	13
HURGHÂDA	340	18	30	02	0	0	—	10.2	-0.8	25			20	0	51	14	0	dr.	
QUSEIR	260	13	15	02	0	0	—	10.4	-0.6	26	28	-2	22	-1	48	14	0	dr.	4
PORT SUDÂN	340	6	30	02	1	1	ac	8.9		30	33		22		38	14	0	211	96
WÂDI HALFA	330	1	50	02	0	0	—	9.6		26	38		19		21	2	0	dr.	
ABU HAMAD	360	2	30	02	1	1	Ci			31	40		24		21	6	0		
KAREIMA	20	8	30	03	0	4	CS	8.0		30	39				31	11	0	dr	1
'ATBARA	40	9	30	02	0	1	Ac, CS	6.2		31	40		25		22	7	0	dr.	4
KHARTÛM	010	10	30	02	1	1	Ac	6.5		29			21		14	-1	0	0.6	5
KASSALA																			15
WÂD MEDANI	310	9	35	02	2	7	Ci	6.5		31	40		19		8	-8	0	20	17
RENK																			63
ROSEIRES																			68
EL OBEID	10	7	30	02	1	3	Ac, Ci	9.2		25	38		19		15	-4	0	15	22
EL FÂSHER	10	7	30	02	1	5	Ac, Ci			26	38		21		12	-7	0	13	9
GENEINA	40	9	30	01	2	0	—			26	38		19		17	-1	0		11
MALAKÂL	40	5	35	02	1	3	Ci	10.0		23			20		94	22	0	131	140
WAU																			269
JUBA																			350

HUMIDITY %

Mean of day

Station	On 8th	Diff. from normal
Alexandria	72	+2
Ezbekiya	43	-7
Gîza	43	-9
Helwân		

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

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 8th

Height m.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Asyut Dir.	Asyut Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	S. Barani Dir.	S. Barani Vel.					Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		14						20		20	
300	20	14	10	10	360	12	60	14	10	10	350	8	20	7	350	7	340	8					20	26	350	5
600	20	16	350	13	360	12	60	13	10	10	340	6	350	12	330	9	310	5					20	28	340	5
1000	20	15	350	9	360	20	50	13	10	8	360	8	320	16	350	9	340	6					20	27	330	5
1500			10	16	10	16	50	13	20	10	10	10	310	20	20	17	30	7					20	16	290	6
2000			10	17			50	12			10	12			10	16	40	10							310	3
3000							40	14			330	10					40	27							290	4
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

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.	Almaza Dir.	Almaza Vel.
Time	8		4		8		2						2		8		8						8	
300	310	13	320	18	300	9	220	5					350	13	340	16	300	4					20	5
600	310	16	320	12	350	4	250	3					360	16	10	8	300	4					20	10
1000	330	10	320	11	10	7	260	2					360	16	40	16	300	4					10	13
1500	350	17	340	10	350	2	360	3					340	17	30	25	310	6					30	11
2000	340	17	350	17	340	14	120	9							20	15	320	9					20	10
3000							70	3							320	5							30	19
4000															10	8								
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.	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	8		8		8		8		3						3						5		4	
300	110	4	10	23	30	17	10	19	20	15														
600	90	4	20	18	30	12	30	18	40	23					340	19							190	19
1000	40	7	50	12	40	16	30	15	30	21					350	17					20	13	190	5
1500	30	16	60	30	40	27	40	8	30	8					350	7					40	17	30	13
2000	40	19	40	40	50	11	50	10	230	3					90	11							350	9
3000	50	23							250	3					180	14					360	17	10	5
4000	50	30													90	11					340	14		
5000																								
6000															230	17								
7000															260	16								
8000															260	25								

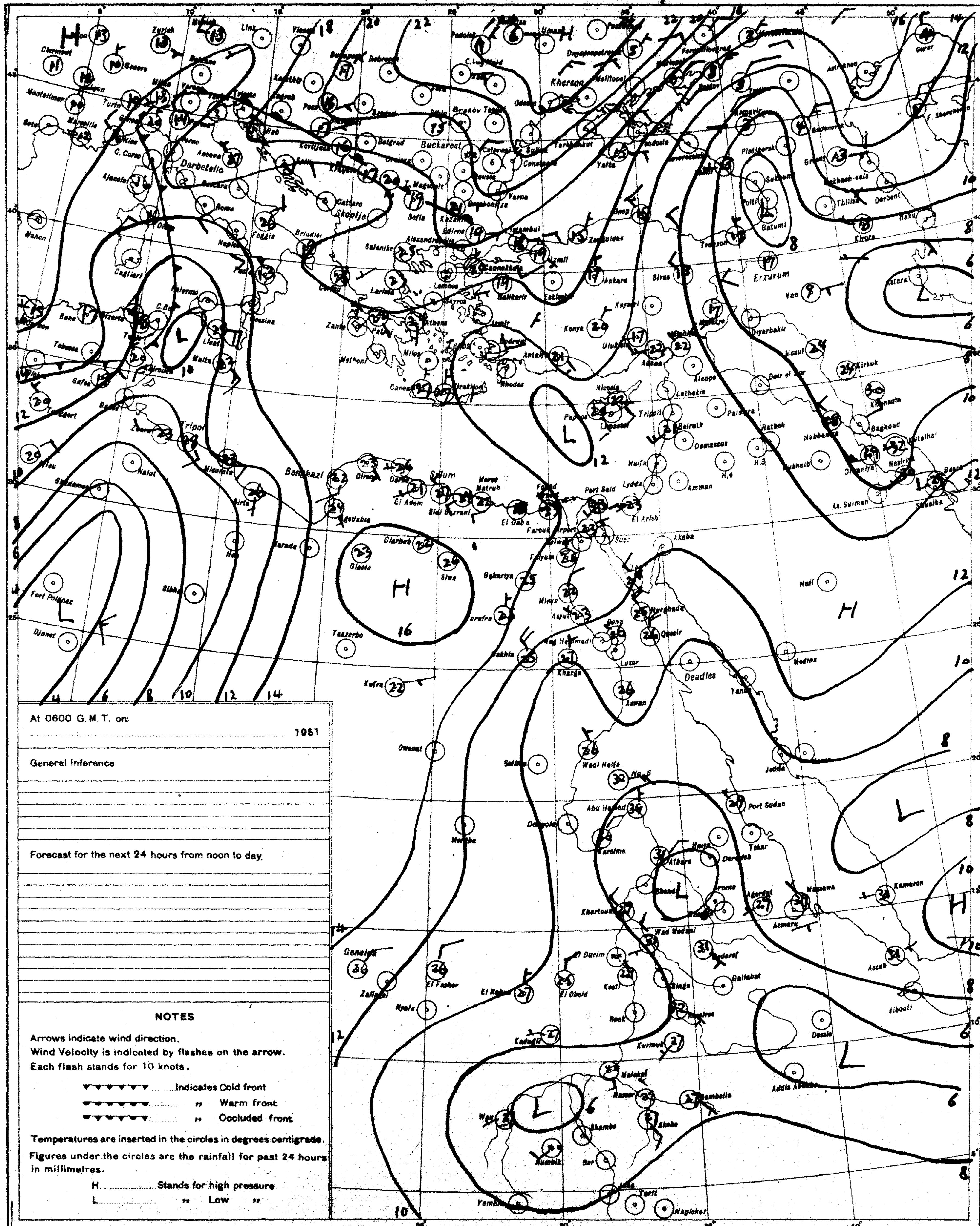
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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** 9/5 1952



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 05 G.M.T.

" " Sunset 16 38 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 10th May, 1951 2

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	SALÛM	360	13	35	00	1	1	Ci	12.8	31	31	12
	303	SÎDI BARÂNI	320	10	30	00	0	0	—	13.6	24	61	16
	306	MATRUH	310	15	30	02	0	0	—	13.8	24	61	16
	309	EL DABA	320	9	35	00	0	0	—		26	37	10
		ALEXANDRIA	310	11	50	00	0	0	—	13.3	23	65	16
	318	FOUAD (Airport)	310	15	18	02	0	0	—	12.7	25	51	14
	330	DAMIETTA	320	2	35	00	0	0	—	12.7	28	45	15
	333	PORT SAÏD	40	10	50	02	0	0	—	12.1	28	49	16
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	5	15	02	0	0	—	12.6	32	28	11
	342	MANSURA	360	5	35	00	0	0	—	11.5	34	22	9
	348	TANTA	00	0	35	02	0	0	—	11.6	34	22	9
	354	ZAGAZIG	00	0	50	02	0	0	—	12.4	33	34	15
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	20	10	30	00	0	0	—	12.1	34	22	9
	372	ALMAZA	40	7	18	00	0	0	—	12.4	33	30	13
		EZBEKIYA	40	4	30	00	0	0	—	11.6	34	23	10
		GIZA	40	4	30	00	0	0	—	12.4	34	22	9
	378	HELWÂN											
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	—	10.9	34	18	6
	387	MINYA	350	13	12	00	0	0	—	9.4	35	16	6
	393	ASYUT MANQABAD	360	4	30	02	1	1		8.4	37	14	6
	399	NAG' HAMMADI	00	0	35	03	0	4	Ac	8.1	36	20	10
	402	QENA	00	0	50	00	0	0	—	8.2	39	17	10
	405	LUXOR											
	414	ASWÂN	00	0	50	00	0	0	—	7.1	37	11	2
Oases	417	SÎWA	100	4	14	00	0	0	—	14.6	35	13	3
	420	BAHARÎYA	360	1	35	02	0	0	—	11.6	36		
	423	FARAFRA	00	0	35	02	2	0	—	11.8	35		
	432	DAKHLA	360	11	15	00	0	0	—	9.9	36	13	4
	435	KHARGA	360	2	15	01	2	2	Ci	8.7	36	13	4
Red Sea	450	SUEZ	360	5	50	01	0	0	—	11.0	32	15	2
	459	TOR	310	9	35	03	1	3	Ci	8.6	28	52	17
	462	HURGHADA											
	465	QUSEIR	360	13	15	02	0	0	—	9.4	28	52	17
	541	PORT SUDAN	20	13	30	03	0	2	Ac,Ci	7.1	32	46	19
North Sudan	600	WADI HALFA	340	9	50	02	0	1	Ci	6.4	37	10	0
	640	ABU HAMAD							as		40		
	660	KAREIMA	340	5	30	02	0	0	—	3.9	40	14	8
	680	ATBARA	140	2	30	01	1	1	Ci	2.0	41	15	9
	721	KHARTUM	250	2	30	02	0	2	Ac,Ci	4.0	39	11	3
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK	230	9	35	02	1	5	Cu		41	16	10
	802	ROSEIRES											
	771	EL OBEID	320	5	30	02	0	3	Ac,Ci	5.0	37	8	-3
	760	EL FASHER	50	7	30	02	1	1	Cu		37	7	-5
	770	GENEINA	70	1	30	02	0	0	—		37	4	-13
S. Sudan	840	MALAKAL	270	8	30	03	2	7	Cu,Cs	4.3	39	24	15
	880	WAU	180	3	30	03	1	8	Cb,Ac	4.6	38	29	17
	941	JUBA	180	6	50	15	2	6	Cb,Cu	5.8	33	44	19

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
SALÛM	200	5	15	03	1		Cs	13.6	22	83	19	0
SÎDI BARÂNI	280	3	18	02	1	6	Cs	13.5	20	78	16	0
MATRUH	280	8	15	02	1	3	Ci	13.7	20	83	17	0
EL DABA	320	2	7	00	0	0	—		22	78	18	0
ALEXANDRIA	00	0	35	00	0	0	—	12.2	21	83	18	0
FOUAD (Airport)	340	3	12	02	0	0	—	11.5	20	88	18	0
DAMIETTA	320	2	7	00	0	0	—	12.8	22	65	15	0
PORT SAÏD	10	8	14	02	0	0	—	11.8	22	74	17	0
EL 'ARISH												
DAMANHUR	310	5	15	02	0	0	—	12.3	22	57	13	0
MANSURA	360	3		00	0	0	—	11.6	25	42	11	0
TANTA	00	0	35	02	0	0	—	12.3	29	35	12	0
ZAGAZIG	320	1	35	02	0	0	—	12.0	26	48	14	0
ISMAÏLIA												
FAROUK (Airport)	40	9	12	00	0	0	—	12.1	28	40	13	0
ALMAZA	40	8	12	00	0	0	—	11.3	29	37	13	0
EZBEKIYA	00	0	12	00	0	0	—	11.6	28	35	11	0
GIZA	00	0	12	00	0	0	—	12.4	29	29	9	0
HELWÂN												
FAIYUM	00	0	35	02	0	0	—	10.7	28	33	10	0
MINYA	340	4	8	00	0	0	—	9.2	25	36	9	0
ASYUT MANQABAD	300	7	18	00	0	0	—	9.0	28	33	10	0
NAG' HAMMADI	00	0	15	00	0	0	—	7.8	27	37	11	0
QENA	00	0	7	00	0	0	—	8.8	30	31	11	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	6.7	32	15	2	0
SÎWA	270	3	10	00	0	0	—	12.4	32	17	4	0
BAHARÎYA	00	0	15	02	0	0	—	11.2	29			0
FARAFRA	360	2	15	02	0	0	—	11.4	29			0
DAKHLA	340	5	35	00	0	0	—	9.9	32	15	2	0
KHARGA	00	0	15	00	0	0	—	9.8	32	10	-3	0
SUEZ	360	8	15	02	0	0	—	10.7	28	27	7	0
TOR	310	5	15	01	1	0	—	8.4	26	55	16	0
HURGHADA												
QUSEIR	360	2	15	00	0	2	Ci	8.3	26	48	14	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Saturday 10th May, 1952

Station	Wind 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	3	Ci	13.6	+0.6	26	34	+7	19	+3	42	12	0	Rain	
SIDI BARANI	360	11	18	02	0	1	Ci	13.4		23	28		17		65	16	0	115	
MATRUH	320	10	30	03	1	1	Ci	13.5	-0.5	23	28		16		69	17	0	132	
EL DABA	320	3	15	01	2	3	Cu			21	28		17		88	19	0	244	
ALEXANDRIA	40	11	50	03	1	5	Sc	11.8	-2.2	20	26	0	18	+1	83	17	0	166	185
FOUAD (Airport)	10	6	18	01	1	3	Sc	11.8	-2.1	22	28	+2	16	0	74	17	0	Rain	138
DAMIETTA	340	2	7	03	1	4		11.9	-1.7	21	30	+4	18	+1	74	16	0	171	104
PORT SAID	20	4	12	03	2	6	Sc	10.8	-2.7	21	29	+4	20	+1	88	19	0	92	
EL 'ARISH	00	0	30	00	0	2	Ci	10.6	-3.0	25			14		47	13	0	101	
DAMANHUR	40	9	3	28	4	0	—	11.8	-2.0	22	33	+4	17	+2	74	17	0	87	100
MANSURA	40	5		43	4	9		11.8	-1.7	19	36	+5	17	+2	88	17	0	62	53
TANTA	00	0	35	01	1	4	Cu	11.6	-2.4	20	35	+4	14	0	88	18	0	65	42
ZAGAZIG	00	0	35	02	0	0	—	11.2	-2.8	23	36	+5	13	-1	74	18	0	30	26
ISMAILIA																			
FAROUK (Airport)	340	5	12	00	0	0	—	12.4		22	35		17		69	16	0	83	
ALMAZA	20	5	12	00	0	0	—	11.6	-2.0	22	34	+1	16	-1	69	16	0	71	
EZBEKIYA	20	6	10	00	0	0	—	11.5	-1.9	25	35	+3	17	+1	47	13	0	61	25
GIZA	30	6	10	00	0	0	—	12.2	-1.2	22	35	+3	14	0	65	15	0	58	25
HELWAN																			28
FAIYUM	360	6	35	02	0	0	—	10.7	-2.4	24	36	+3	18	+2	54	14	0	23	8
MINYA	360	9	10	00	0	0	—	9.4	-1.2	24	35	0	16	0	54	14	0	5	
ASYUT MANQABAD	280	4	18	00	0	0	—	9.7	-2.6	26	38	+2	20	+1	37	10	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	8.8	-2.6	25	39	+3	18	0	47	13	0	0.1	
QENA	00	0	15	00	0	0	—	9.1	-1.7	26	40	+2	19	-1	37	10	0	2	
LUXOR																			
ASWAN	00	0	18	00	0	0	—	8.2	-2.7	27	39	+1	22	-1	15	-2	0	dr.	
SIWA	80	4	14	02	0	1	Ci	13.9	-0.7	25	38	+5	20	+5	30	6	0	26	8
BAHARIYA			35	02	0	0	—	12.2	-1.4	26	36	+2	19	+3			0	1	7
FARAFRA	20	3	15	02	2	2	Ci	11.6		26	36		17				0	Rain	
DAKHLA	340	2	50	00	0	4		10.8	-1.6	27	36	-1	20	+2	27	6	0	dr.	
KHARGA	360	1	15	00	0	0	—	9.1	-2.4	28	37	0	24	+4	22	4	0	dr.	
SUEZ	310	6	35	00	0	0	—	9.8	-3.1	26	33	+1	17	-1	30	7	0	44	16
TOR	310	5	35	02	0	0	—	9.0	-1.9	25			22	+2	61	17	0	1	13
HURGHADA																			
QUSEIR	360	5	15	02	0	0	—	8.3	-2.6	29	29	-1	22	-1	29	9	0	dr.	4
PORT SUDAN	00	0	30	01	1	0	—	7.4		31	33		22		36	14	0	211	96
WADI HALFA	360	9	50	03	0	1	Cs	7.8		26	39		19		11	-7	0	dr.	
ABU HAMAD	360	3	30	02	0	2	Ac			33	42		22		13	1	0		
KAREIMA	20	4	30	02	0	0	—	5.2		30	41		23		18	3	0	dr.	1
ATBARA	20	8	30	03	2	6	Ac,Cs	4.7		31	42		26		19	5	0	dr.	5
KHARTUM	340	9	30	02	1	4	Ac,Cs	5.1		31	41		24		15	1	0	0.6	6
KASSALA	180	3	30	03	1	3	Cc	4.8		32	43				13	0	0	49	16
WAD MEDANI																			17
RENK																			64
ROSEIRES																			70
EL OBEID																			23
EL FASHER																			9
GENEINA	60	1	30	02	0	0	—			24	39		18		18	-2	0		12
MALAKAL	160	4	30	01	1	2	Ac,Ci	7.4		30	40		27		55	20	0	131	142
WAU																			273
JUBA	180	7	50	02	2	7	Ac,Cs	8.5		27	34		23		70	21	1	359	355

HUMIDITY

Mean of day %

Station	on 9th	Diff. from normal
Alexandria	76	+6
Ezbekiya	38	-12
Giza	41	-10
Helwan		

GRASS MINIMUM TEMP.

on 10th 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					

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	Matruh		Minya		Asyut		Dakhla		Kharga		Siwa		Port Said		Hurghada		S. Barani						Port 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	320	13	360	14	340	13	40	14	20	19	290	3	330	17	20	14	360	12					10	7	350	4
600	360	13	350	25	340	25	30	15	20	20	320	5	340	18	350	9	20	12					340	9	360	2
1000	350	13	360	15	340	10	20	16	20	17	320	8	290	14	350	5	20	10					320	16	350	3
1500	340	17			350	13	20	10			360	11	290	11	350	9	360	15					350	11	350	6
2000	350	19			10	20					20	17											300	5		
3000					60	8					40	23														
4000											40	26														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time	6		4				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.
300	50	31	20	14			360	3					350	9	320	3					350	14
600	50	19	20	17			320	3					360	13	340	6			80	12	350	10
1000	40	21	30	17			10	4					10	15	10	16			80	13	340	12
1500	40	29	30	24			350	3					30	13	10	6			100	19	320	7
2000															20	10						
3000															300	9						
4000															340	7						
5000															330	7						
6000															310	9						
7000															330	22						
8000															310	24						

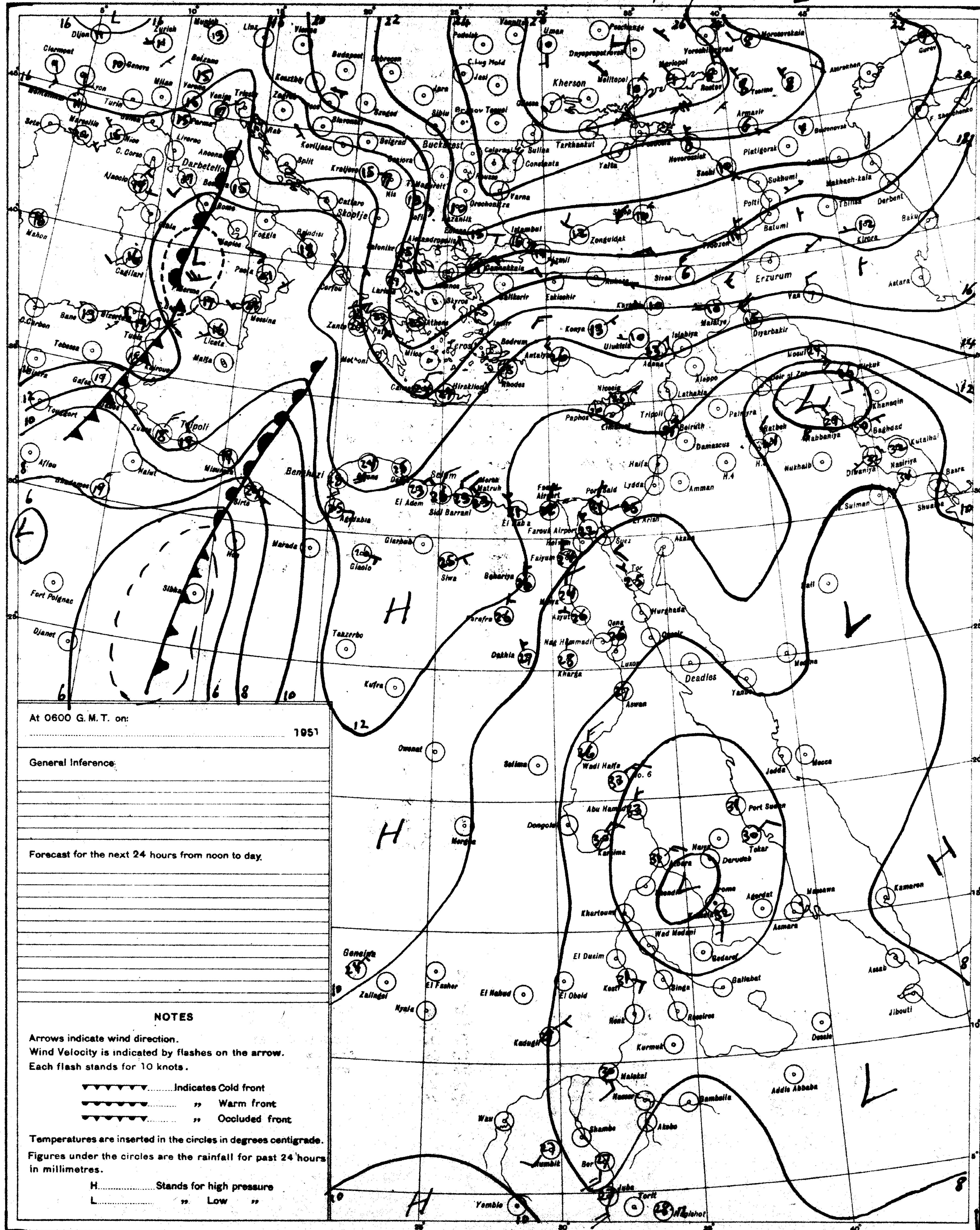
Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8				8		8																4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	16			330	7	20	12																
600	50	24			360	9	20	17															160	13
1000	50	21			40	15	20	22															170	14
1500	50	30			30	20																	230	6
2000	50	30			20	24																		
3000	40	30																					360	8
4000	30	24																					120	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 10/5 1952



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 04 G. M. T.

" " Sunset 16 38 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Sunday 11th May, 1951 2

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	SALÜM											
	303	SÎDI BARÂNI	320	10	30	02	1	5	Sc, Cs	13.0	25	54	15
	306	MATRÛH	320	9	30	02	1	6	CS	12.5	24	57	15
	309	EL DABÂ	360	4	15	02	1	4	Cu		25	61	17
		ALEXANDRIA	40	16	50	02	2	4	Ci	11.5	21	83	18
	318	FOUAD (Airport)	360	10	18	02	2	7	Ci	11.1	23	69	17
	330	DAMIETTA	20	5	35	02	1	4	AC	11.2	24	69	18
	333	PORT SAÏD	30	11	30	02	0	1	Ci	9.1	25	74	20
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	1	1	Ci	11.2	30	40	15
	342	MANSURA	40	5	35	00	0	0	—	10.3	31	38	15
	348	TANTA	00	0	35	01	1	4	Cu	10.0	33	30	13
	354	ZAGAZIG	00	0	50	02	0	0	—	9.4	32	38	16
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	360	8	14	01	2	4	Ci	10.3	32	22	8
	372	ALMAZA	20	9	30	02	1	2	Ci	9.8	32	38	16
		EZBEKIYA	60	2	30	00	0	4	Ci	9.5	34	22	9
		GIZA	60	2	30	00	0	4	Ci	10.3	34	27	12
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	03	0	1	Ci	9.4	34	18	6
	387	MINYA	360	9	12	00	0	0	—	7.4	36	15	6
	393	ASYUT MANQABÂD	320	12	30	00	0	0	—	6.6	37	25	14
	399	NAG' HAMMÂDI	340	1	35	00	0	0	—	6.8	36	24	12
	402	QENA	290	2	35	00	0	0	—		40	15	9
	405	LUXOR											
	414	ASWÂN	200	4	50	00	0	0	—	4.2	39	14	7
Oases	417	SÎWA	40	10	14	03	1	4	Ci	11.9	36	15	6
	420	BAHARÎYA	360	2	35	02	1	4	Ci	10.0	35	23	11
	423	FARAFRA	40	5	35	02	2	4	Ci	10.6	35	29	14
	432	DAKHLA	360	11	35	00	0	0	—	7.5	36	20	10
	435	KHARGA	360	2	15	00	0	0	—	7.0	38	9	0
Red Sea	450	SUEZ	360	7	50	03	0	3	SC	8.4	33	16	4
	459	TOR	310	9	35	02	0	0	—	5.7	30	40	15
	462	HURGHADA	40	12	30	02	0	0	—	5.1	27	66	20
	465	QUSEIR	20	9	15	00	0	2	—	6.1	29	66	22
	641	PORT SUDÂN	50	12	30	02	0	4	Ci	5.3	33	36	16
North Sudan	600	WÂDI HALFA	230	7	50	02	0	1	CS	3.7	40	6	-5
	640	ABU HAMAD	250	1	30	01	0	1	AC		41	15	9
	660	KAREIMA											
	680	'ATBARA	210	2	30	01	2	5	AC, CS	0.0	42	14	9
	721	KHARTÛM	220	13	30	02	1	5	AC, CS	0.5	42	3	-13
	730	KASSALA	90	2	30	03	0	6	CS	999.2	43	6	-2
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	00	0	50	03	0	3	AC, CS	1.7	38	6	-5
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WAU											
	941	JUBA											

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.
SALÜM	360	5	15	02	1	3	CS	14.3	23	61	15	0
SÎDI BARÂNI	360	3	18	01	2	3	CS	13.6	21	74	16	0
MATRÛH	300	9	10	01	2	4	CS		20	88	18	0
EL DABÂ	00	0	7	00	0	0	—		21	88	19	0
ALEXANDRIA	40	14	35	03	2	5	Cu	12.4	20	88	18	0
FOUAD (Airport)	10	8	12	01	2	0	—	11.5	20	83	17	0
DAMIETTA	360	5	7	01	1	2	AC	12.4	20	97	20	0
PORT SAÏD	40	16	12	01	2	6	St, CS	9.8	22	89	20	0
EL 'ARISH												
DAMANHUR	40	9	15	02	1	1	Ci	11.8	22	74	17	0
MANSURA	40	9		00	0	0	—	11.9	22	74	17	0
TANTA	00	0	35	01	1	0	—	11.2	26	55	16	0
ZAGAZIG	40	2	35	02	0	0	—	10.7	24	69	18	0
ISMAÏLIA												
FAROUK (Airport)	50	16	12	01	2	2	Ci	10.9	26	55	16	0
ALMAZA	40	16	12	01	2	5	Ci	10.0	28	52	17	0
EZBEKIYA	80	6	12	00	0	0	—	11.0	25	54	15	0
GIZA	80	6	12	00	0	0	—	11.5	26	48	14	0
HELWÂN												
FAIYÛM												
MINYA	360	4	8	02	1	4	Ci	7.2	26	30	7	0
ASYUT MANQABÂD	300	4	18	02	1	3	AC, Ci	7.1	29	35	12	0
NAG' HAMMÂDI												
QENA	240	1	7	00	0	0	—	5.6	32	20	6	0
LUXOR												
ASWÂN												
SÎWA	50	10	10	01	2	2	AS	11.6	32	26	10	0
BAHARÎYA	360	3	15	02	2	5	CS	9.8	29	66	22	0
FARAFRA	360	4	15	02	2	4	AC	9.3	29	35	12	0
DAKHLA	340	11	15	00	0	0	—	8.3	31	17	3	0
KHARGA	00	0	15	02	1	3	CC	7.1	34	10	-2	0
SUEZ	310	6	15	01	0	1	SC	9.0	26	42	12	0
TOR	270	5	15	01	1	0	—	5.2	27	55	17	0
HURGHADA	320	10	12	02	0	0	—	5.0	27	33	9	0
QUSEIR	20	5	15	01	1	0	—	6.6	25	74	20	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Sunday 11th May, 1952

Station	Wind 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
SALÜM	40	5	15	00	1	2	Ci	15.0	+2.0	22			20	+4	74	17	0	Rain	
SÎDI BARÂNI	60	7	18	01	0	1	CS	15.1		22	25		17		69	16	0	115	
MATRÛH	30	9	18	02	0	3	Ci	15.1	+1.1	22	26		15		74	17	0	132	
EL DABÂ	360	2	15	01	1	3	Cu			22	27		18		83	19	0	214	
ALEXANDRIA	40	16	50	01	2	2	Ci	14.2	+0.2	23	23	-3	20	+3	65	16	0	166	185
FOUAD (Airport)	30	12	18	01	0	1	Ci	14.1	+0.3	25	25	-1	19	+3	54	15	0	Rain	138
DAMIETTA	20	9	15	00	0	0	—	13.9	+0.4	23	25	-1	20	+3	74	18	0	171	104
PORT SAÏD	40	16	14	02	0	1	Ci	12.0	-1.4	23	25	0	20	+1	74	18	0	92	
EL 'ARISH																			
DAMANHUR	230	13	7	02	0	0	—	12.8	-1.0	23	31	+1	17	+2	61	15	0	87	100
MANSURA	90	9	35	00	0	0	—	13.6	-0.1	24	32	+1	18	+3	61	16	0	62	53
TANTA	40	8	35	02	0	0	—	12.8	-1.2	23	34	+2	17	+3	65	16	0	65	42
ZAGAZIG	40	10	35	02	0	0	—	12.7	-1.2	24	34	+2	17	+3	69	18	0	30	26
ISMAÏLIA																			
FAROUK (Airport)	60	16	12	01	2	4	Ci	12.4		22	24		18		74	17	0	83	
ALMAZA	60	16	14	02	2	4	Cu, Ci	12.4	-1.1	22	35	+2	19	+1	83	19	0	71	
EZBEKIYA	90	6	12	02	1	4	Cu, Ci	12.4	-1.0	26	35	+3	17	+1	45	13	0	61	25
GIZA	90	6	12	02	1	4	Cu, Ci	13.1	-0.3	23	34	+2	18	+4	65	16	0	58	25
HELWÂN																			28
FAIYÛM	360	8	35	03	2	7	Ci	11.1	-1.9	24			19	+3	54	14	0	23	8
MINYA	360	14	10	02	0	1	Ci	8.9	-4.6	23	36	+1	19	+3	61	15	0	5	
ASYUT MANQABÂD	310	5	30	02	0	2	Ci	9.5	-2.8	24	38	+2	20	+1	54	14	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	8.8	-2.5	25			19	+1	47	13	0	0.1	
QENA	00	0	15	00	0	5		8.4	-2.4	28	41	+3	21	+1	27	7	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	7.4	-3.4	30			23	0	21	5	0	dr.	
SÎWA	90	6	14	02	0	1	Ci				37	+4	20	+5		12	0	26	8
BAHARÎYA	20	6	35	03	0	0	—	11.9	-1.6	23	36	+2	18	+2	50	12	0	1	7
FARAFRA	360	6	15	02	2	1	AC			23	36		18		65	16	0	Rain	
DAKHLA	180	8	50	00	0	0	—	9.3	-3.1	29	37	0	21	+2	40	14	0	dr.	
KHARGA	00	0	15	02	1	4	Ci	9.9	-1.6	26	38	+1	21	+1	42	12	0	dr.	
SUEZ	30	8	35	00	0	0	—	10.9	-2.3	24	34	+2	18	0	54	14	0	44	17
TOR	270	5	15	03	1	4	Ci	8.0	-2.7	25			19	-1			0	1	13
HURGHADA			30	02	0	2	Ci	8.5	-2.4	26	28	0	20	0	66	19	0	dr.	
QUSEIR	360	5	15	00	0	0	—	8.2	-2.7	28	30	0	22	-1	45	15	0	dr.	4
PORT SUDÂN	340	1	30	02	2	6	AC	8.0		31	34		25		46	18	0	211	96
WÂDI HALFA																			
ABU HAMAD	340	2	30	22	0	0	—			33	43		25		17	5	0		
KAREIMA	350	6	30	02	0	0	—	7.3		31	42		23		16	2	0	dr.	1
'ATBARA	340	7	30	01	1	2		4.2		33	43		26		19	6	0	dr.	5
KHARTÛM	340	13	30	01	0	1	AC	5.7		34	42		27		9	-3	0	0.6	6
KASSALA	180	3	30	02	2	7	AC, CS	4.5		32	44		23		16	3	0	49	16
WÂD MEDANI																			18
RENK	230	12	35	02	1	3	AC			33	42		27		41	18	0		65
ROSEIRES																			72
EL OBEID	10	6	50	02	0	0	—	6.3		30	38		21		9	-6	0	15	23
EL FÂSHER																			10
GENEINA																			12
MALAKÂL	200	6	30	03	1	8	AC, CS	9.0		29	39		26		55	19	0	131	144
WAU	230	5	30	02	2	8	CS	8.7		27	38		23		66	20	0	230	277
JUBA																			360

HUMIDITY % Mean of day

Station	on 10th	Diff. from normal
Alexandria	85	+15
Ezbekiya	49	-1
Giza	54	+3
Helwân		

GIZA GRASS MINIMUM TEMP. ON 11th 17.2 °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.	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.
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 10th

Height m.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Suez Dir.	Suez Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		20	
300	340	15	340	16	320	11	50	16	360	23	30	16	30	11	40	21		
600	10	13	340	18	310	15	50	22	360	32	30	13	360	13	20	19	40	16
1000	340	18	350	16	330	13	40	23	360	36	30	12	20	13	50	22	30	21
1500	20	35	360	20	360	11	50	29	360	53	10	10			40	22	30	19
2000			20	10	360	11	50	24										
3000					250	3	40	23										
4000					350	7	50	23										
5000					300	10												
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.
Time			4				2						2									
300			40	13			40	12					10	25								
600			70	19			40	14					30	17								
1000			60	21			40	15					40	18								
1500			40	24			60	12					60	13								
2000			30	30			70	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															3								4	
300																								
600															350	21							230	19
1000															350	23							230	19
1500															340	12							210	19
2000																							310	12
3000															210	21							350	14
4000																								
5000															170	16								
6000																								
7000																								
8000																								

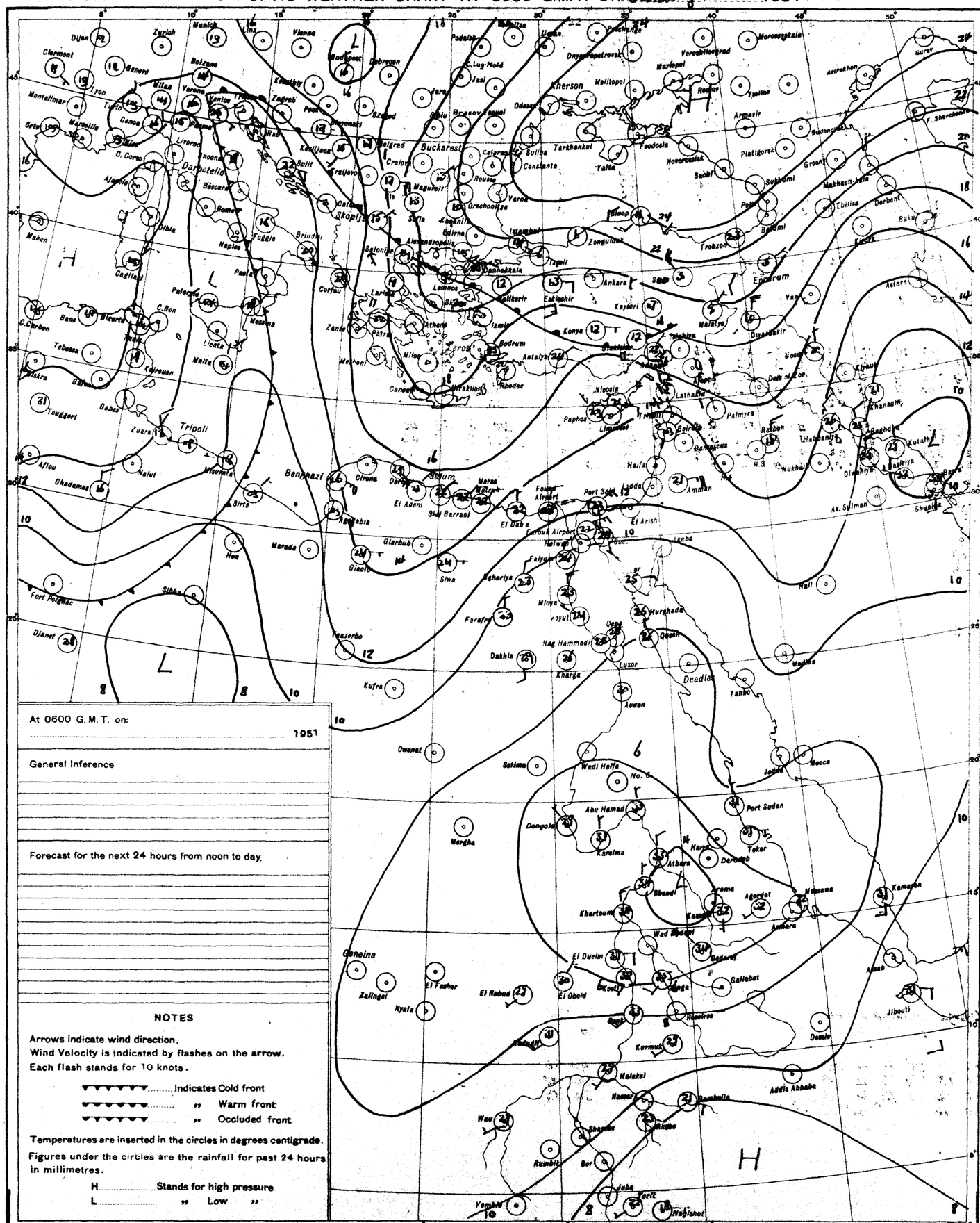
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 11/5/ 1952



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 ,, ,, ,,	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: Monday 12th May, 1952

At 1200 on Sunday 11th / At 1800 on Sunday 11th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in km	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 km	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	SALŪM	60	9	35	02	1	1	Ci	15.0	24	69	18	40	5	15	03	1	5	St	15.1	21	88	19	0
	303	SĪDI BARĀNI	30	7	18	02	0	0	—	15.1	24	65	17	40	9	18	03	1	3	Ns	14.9	20	83	17	0
	306	MATRŪH	20	11	14	02	0	1	Ci	15.3	26	58	17	20	6	12	02	0	0	—	15.6	21	78	17	0
	309	EL DABA	40	4	15	01	1	3	Cu		24	61	16	20	4	7	00	0	0	—		21	74	16	0
		ALEXANDRIA	40	23	50	03	2	4	Ci	14.3	23	65	16	40	14	35	02	2	3	Ci	14.6	22	50	11	0
	318	FOUAD (Airport)	30	16	18	03	0	3	Ci	14.2	27	40	12	30	7	12	02	1	4	Ci	13.9	20	60	12	0
	330	DAMIETTA	40	9	35	03	0	3	AC	13.8	25	54	15	20	5	7	00	0	0	—	12.6	22	57	13	0
	333	PORT SAʿĪD												30	22	15	01	0	1	Ci	12.0	22	78	18	0
	336	EL ʿARISH												60	4	18	01	1	0	—	11.5	21	69	15	0
Lower Egypt	339	DAMANHUR	40	19	15	02	1	1	Ci	12.8	30	31	11	40	9	15	02	1	1	Ci	13.6	22	65	15	0
	342	MANSURA	40	9	35	03	2	4	Ci	12.8	30	35	13	360	9		00	1	0	—	13.8	21	65	14	0
	348	TANTA	360	5	35	03	2	5	Cu	12.2	30	31	11	00	0	35	02	1	0	—	13.8	25	47	13	0
	354	ZAGAZIG	40	2	50	02	0	0	—	12.0	31	43	17												
	440	ISMAʿILIA																							
Cairo Area	366	FAROUK (Airport)	40	19	30	02	1	4	Cs	10.7	32	28	11	40	17	12	00	0	0	—	11.6	24	61	16	0
	372	ALMĀZA	40	14	30	02	2	4	Cs	10.8	32	18	5	40	17	12	02	1	3	Cs	12.0	25	42	11	0
		EZBEKIYA	80	8	30	03	1	6	Ci	10.8	33	24	10	70	5	12	00	1	1	Ci	13.0	23	57	14	0
		GĪZA	80	8	30	03	1	6	Ci	11.5	33	24	10	70	5	12	00	1	1	Ci	13.1	24	47	12	0
	378	HELWĀN	20	13	15	03	2	7	Ci	10.0	32	20	6	20	22	7	02	1	4	Ci	11.1	24	38	9	0
Upper Egypt	381	FAIYŪM	360	8	35	02	2	7	Ci	9.5	33	21	8	360	12	35	01	2	4	Ci	11.0	27	33	9	0
	387	MINYA	350	9	12	02	1	2	Ci	8.2	36	20	10	360	19	8	00	1	0	—	8.4	28	33	10	0
	393	ASYŪT MANQABĀD	30	7	30	02	2	6		7.5	38	7	-4												
	399	NAGʿ HAMMĀDI												00	0	15	01	0	2	AC	5.9	28	45	15	0
	402	QENA	270	1	50	02	1	5	Ci	7.5	41	14	8	00	0	7	00	0	0	—	5.9	31	22	7	0
	405	LUXOR																							
	414	ASWĀN	00	0	50	00	0	0	—	5.0	40	10	2	00	0	15	00	0	0	—	4.2	36	10	-1	0
Oases	417	SĪWA	70	11	14	00	0	0	—	13.1	34	22	9	70	8	10	01	0	0	—	13.2	30	31	11	0
	420	BAHARĪYA	40	2		03	1	2	AC	9.5	34			40	4	15	02	1	3	AC	10.2	28	45	15	0
	423	FARAFRA	40	5	35	02	2	1	AC	10.8	35			360	6	15	02	2	1	AC	9.6	30	35	13	0
	432	DAKHLA	320	11	50	00	0	0	—	8.3	35	15	5												
	435	KHARGA	00	0	15	02	1	4	Ci	8.6	37	22	12	00	0	15	01	1	1	Ci	7.1	32	15	2	0
Red Sea	450	SUEZ	360	10	50	03	0	5	Sc	9.6	31	28	10	310	8	15	01	0	0	—	11.2	24	54	14	0
	459	TŌR	310	9	35	03	2	5	Cs	7.6	29	52	18	310	5	15	03	1	3	Ci	8.3	26	70	20	0
	462	HURGHĀDA	40	11	30	03	1	5	Ci	7.1	26	70	20	320 ?	6	14	01	1	2	Cs	7.5	25	74	20	0
	465	QUSEIR	20	9	15	03	1	5		7.1	29	52	18	90 ?	5	15	01	1	0	—	7.6	26	74	21	0
	641	PORT SŪDĀN	70	8	30	03	2	7	Ac, Ci	5.5	33	28	12												
North Sūdān	600	WĀDI HALFA	340	2	50	02	0	0	—	4.0	40	6	-5												
	640	ABU HAMAD	00	0	30	02	0	0	—		42	18	13												
	660	KAREIMA	340	7	30	02	0	0	—	2.8	42	14	9												
	680	ʿATBARA	260	4	30	02	0	1	Ac, Cs	0.3	43	8	2												
	721	KHARTŪM	320	7	30	03	0	1	AC	1.2	42	9	3												
	730	KASSALA	00	0	30	02	2	7	CS	999.7	43	11	6												
Central Sūdān	751	WĀD MEDANI	310	9	35	02	1	0	—	0.2	43	5	-5												
	801	RENK	180	9	35	02	1	7	Cu		39	26	16												
	802	ROSEIRES	310	5	35	02	1	6	AC	1.6	39	34	20												
	771	EL OBEID	220	1	50	02	0	1	AC	2.3	40	9	1												
	760	EL FĀSHER	290	8	30	02	0	0	—		38	9	-1												
	770	GENEINA	320	6	30	02	0	0	—		39	4	-10												
S. Sūdān	840	MALAKĀL	200	20	30	29	9	7	Cb, Ac	8.4	21	97	21												
	880	WĀU	270	11	30	03		8	Cb, Ac	5.9	34	44	20												
	941	JUBA	50	5	30	91	9	8	Cb, Ac	11.0	21	94	20												

At 0600 on Monday 12th May, 1952

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	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	Station
90	5	7	11	4	6	Sc, Cu	15.3	+2.3	21	27	0	18	+2	83	18	0	Rain		SALUM
80	3	13	01	4	2	Sc	15.3		21	24		15?		78	17	0	115		SĪDI BARĀNI
350	5	18	02	0	1	Ci	15.4	+1.4	22	26		18?		78	18	0	132		MATRŪH
40	9	15	00	0	0	—			22	25		18		65	15	0	214		EL DABA
40	19	50	00	0	0	—	13.9	-0.1	22	25	-1	22	+5	74	17	0	166	185	ALEXANDRIA
10	14	18	02	0	0	—	13.4	-0.4	22	28	+2	19	+3	69	16	0	Rain	138	FOUAD (Airport)
20	5	15	03	0	2	AC	12.7	-0.8	23	25	-1	19	+2	78	19	0	171	104	DAMIETTA
30	12	14	03	0	2	Ci	10.8	-2.6	23	25	0	20	+1	74	18	0	92		PORT SAʿĪD
160	2	30	03	1	5	Ac	11.0	-2.5	24	25		16		65	17	0	101		EL ʿARISH
40	13	15	02	0	0	—	13.3	-0.5		31	+1	16	+1		15	0	87	100	DAMANHŪR
360	9	35	00	0	0	—	12.7	-1.0	23	31	0	16	+1	61	15	0	62	53	MANSŪRA
360	5	35	02	0	0	—	13.0	-1.0	23	31	-1	14	-1	61	15	0	65	42	TANTA
00	0	35	02	0	0	—	12.0	-1.9	23			15	0	65	16	0	30	26	ZAGAZIG
																			ISMAʿĪLIA
70	10	14	03	1	2	Ci	12.2		22	33		16		61	14	0	83		FAROUK (Airport)
40	12	12	02	1	2	Ci	12.4	-1.0	21	32	-1	16	-2	65	14	0	71		ALMĀZA
100	5	10	00	0	0	—	12.0	-1.3	25	33	+1	16	-1	51	14	0	61	25	EZBEKĪYA
100	5	10	00	0	0	—	12.8	-0.5	22	33	+1	15	+1	57	13	0	58	25	GĪZA
360	4	7	05	1	2	Ci	11.6	-1.5	22	33	+1	18	+1	57	13	0	59	28	HELWĀN
360	5	35	01	1	2	Ci	10.7	-2.3	23	35	+1	17	0	50	12	0	23	8	FAIYŪM
360	12	10	00	1	0	—	10.3	-3.1	22	37	+2	16	0	57	13	0	5		MINYA
320	5	18	00	0	0	—	9.5	-2.7	23			19	0	50	12	0	3		ASYŪT MANQABĀD
00	0	15	00	0	0	—	9.0	-2.3	24	39	+3	18	0	54	14	0	0.1		NAGʿ HAMMĀDI
20	1	35	00	0	0	—	8.7	-2.0	29	42	+4	22	+2	29	9	0	2		QENA
20	2	30	00	0	0	—	7.0	-3.9	30			21		31	11	0	dr.		LUXOR
20	2	50	00	0	0	—	7.2	-3.6	30	42	+3	23	0	25	8	0	dr.		ASWĀN
90	4	14	00	0	0	—	15.0	+0.5	23	34	0	16	0	36	7	0	26	8	SĪWA
20	6	35	02	0	0	—	12.2	-1.3	21	35	+1	16	0	57	12	0	1	7	BAHARĪYA
360	8	15	02	0	0	—	12.6		23	38		17		44	10	0	Rain		FARAFRA
340	8	50	00	0	0	—	11.2	-1.2	27			21	+2	33	9	0	dr.		DAKHLA
360	5	7	00	0	0	—	9.1	-2.3	26	38	0	22	+1	42	12	0	dr.		KHARGA
310	7	35	00	0	2	Sc	10.6	-2.2	22	32	0	18	0	65	15	0	44	17	SUEZ
310	5	15	01	1	2	Ci	9.0	-1.8	24			22	+2	84	21	0	1	13	TŌR
330	16	30	02	0	0	—	8.3	-2.5	25	27	-2	19	-1	54	15	0	dr.		HURGHADA
20	9	15	02	0	0	—	8.0	-2.8	27	30	-1	22	-1	62	19	0	dr.	4	QUSEIR
90	2	30	03	2	4	Cu, AC	8.1		31	33		27		74	26	0	211	96	PORT SŪDĀN
00	0	50	02	0	0	—	7.8		28	42		21		22	4	0	dr.		WĀDI HALFA
360	10	30	02	0	0	—			34	43		26		20	8	0			ABU HAMAD
30	6	30	02	0	1	AC	7.5		31	43		23		33	13	0	dr.	1	KAREIMA
340	6	30	02	0	0	—	5.4		34	45		25		22	9	0	dr.	5	ʿATBARA
200	3	30	02	0	2	AC	7.7		31	42		22		26	9	0	0.6	6	KHARTŪM
200	9	7	07	0	1	Ci	7.4		31	44		28		38	15	0	49	16	KASSALA
																		18	WĀD MEDANI
230	9	35	02	1	3	AC			28	41		24		58	19	0		66	RENK
230	2	35	02	1	3	Ci	9.8		29	40		25		59	20	0	92	73	ROSEIRES
230	15	50	02	1	4	Ac, Ci	8.0		28	41		23		45	15	0	15	24	EL OBEID
160	3	30	03	0	2	CS			22	39		16		20	-2	0	13	10	EL FĀSHER
																		13	GENEINA
200	5	30	02	2	7	AC	11.9		23	31		20		84	20	36	167	146	MALAKĀL
230	2	30	01	2	6	Ac, Cs	10.0		24	36		21		74	19	20	250	281	WĀU
180	9	50	03	2	8	Cb, Ac	13.2		23	29		20		89	21	18	377	365	JUBA

HUMIDITY % Mean of day

Station	on 11th	Diff. from normal
Alexandria	56	-14
Ezbekiya	49	-1
Giza	54	+3
Helwān	39	+1

GĪZA
GRASS MINIMUM TEMP
ON 12th 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

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.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 11th

Station	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Minya Dir.	Minya Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.
Time	14		14		14		14		14		14												20		20	
300	60	15	350	16	60	27	360	18	70	9	60	13											10	30	60	23
600	60	15	360	21	60	30	10	22	40	8	40	14											20	28	40	38
1000	40	19	10	20	50	21	10	27	330	6	40	18											30	24	30	33
1500	40	18	350	17	70	28	40	28	360	6	70	15											50	17		
2000	20	28	20	24	10	23			30	3																
3000					60	18																				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

Height m.	Sīdi Barāni Dir.	Vel.	Matrūh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Saʿīd Dir.	Vel.	El ʿArīsh Dir.	Vel.	Helwān Dir.	Vel.	Minya Dir.	Vel.	Asyūt Manqabād Dir.	Vel.	Luxor Dir.	Vel.	Aswān Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
Time	8		8		8		3				7		2		9		8 15		8		8			
300	70	12	40	8	20	22	10	19			10	5	360	21	350	4	360	5	90	3	340	22		
600	80	17	60	13	70	16	20	12			50	22	50	21	10	4	360	6	40	11	320	13		
1000	70	16	50	15	60	18	30	10			90	8	40	9	00	0	350	7	70	13	350	5		
1500	50	26	50	17	80	14					230	2	70	5	140	5	350	12	50	9	20	14		
2000	40	28	50	13	80	11					190	8			130	16	340	14	170	10				
3000											210	10			140	12	320	19						
4000											80	7			130	10								
5000											60	7												
6000											40	5												
7000											190	1												
8000											340	4												

Height m.	Sīwa Dir.	Vel.	Baharīya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wādi Halfa Dir.	Vel.	Abū Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fāsher Dir.	Vel.	Malakāl Dir.	Vel.
Time	8		8		8				4												4			
300	90	18	50	14	330	10			340	6														
600	80	22	50	23	330	12			10	11														
1000	70	23	50	30	340	10			30	13											360	7		
1500	50	17	50	37	340	15			350	13											60	16		
2000	40	16	50	43	360	10															130	6		
3000	50	16							250	15														
4000	20	19																						
5000																					310	4		
6000																					40	5		
7000																					70	12		
8000																								

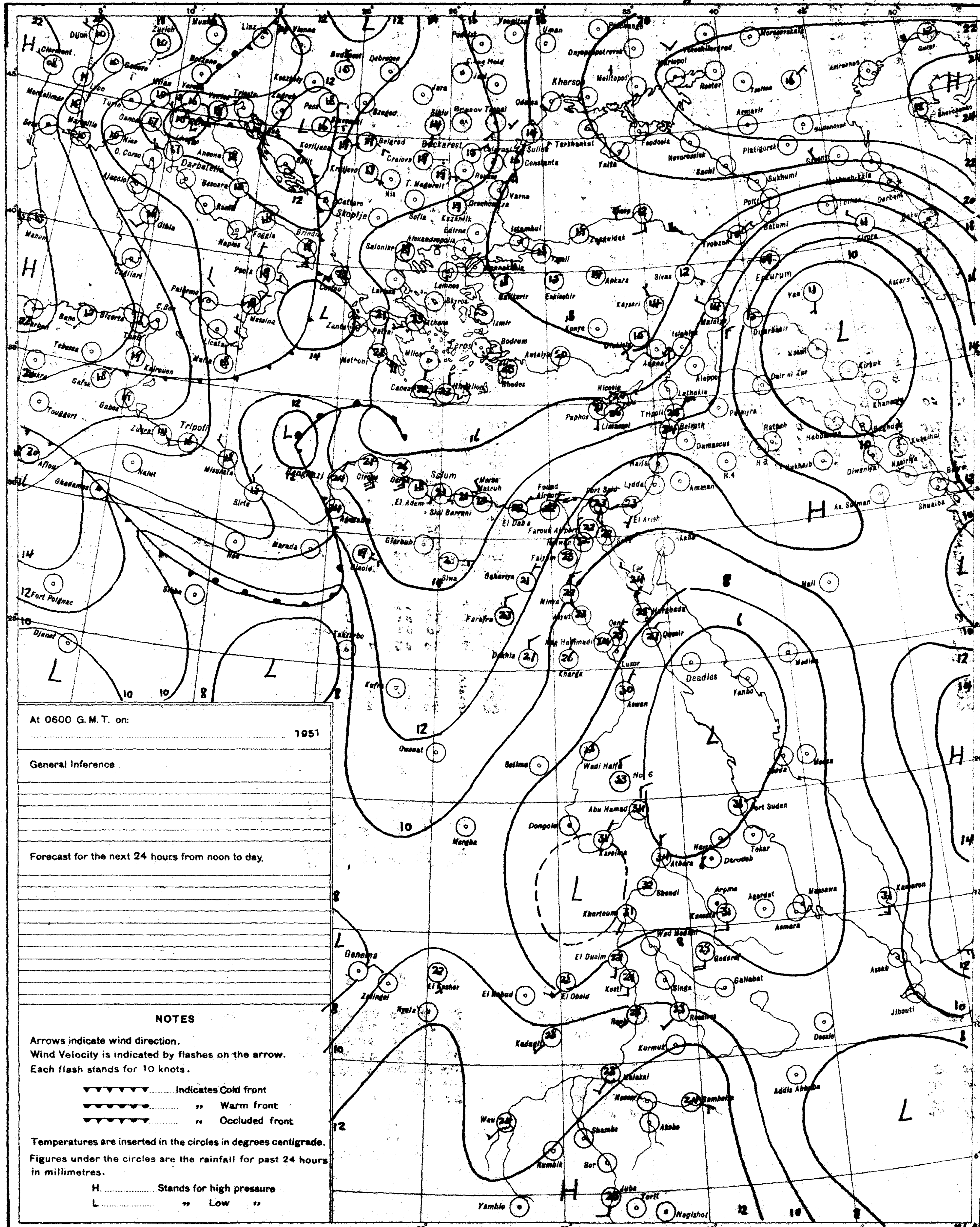
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 12/5/ 1952



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

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: Tuesday 13th May 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	20	5	35	00	0	1	Ci	15.0	25	47	13
	303	SÎDI BARÂNI	10	10	30	00	0	0	—	14.8	23	65	16
	306	MATRÛH			30	00	0	0	—	14.9	25	47	13
	309	EL DABÂ											
		ALEXANDRIA	40	22	50	00	0	0	—	12.8	23	65	16
	318	FOUAD (Airport)	20	18	18	02	0	0	—	12.5	26	51	15
	330	DAMIETTA	20	5	35	03	1	5	Ac	12.2	25	61	17
	333	PORT SAÏD	50	12	18	02	1	4	Ci	9.8	24	74	19
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	90	13	15	02	0	0	—	11.9	29	40	14
	342	MANSURA	40	9	35	00	0	0	—	10.8	32	34	14
	348	TANTA	310	5	35	02	0	0	—	11.0	32	34	14
	354	ZAGAZIG	00	0	50	02	0	0	—	10.6	32	32	13
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	20	11	30	02	2	4		9.6	33	24	10
	372	ALMAZA	40	10	30	02	2	4	Cs	9.9	32	29	12
		EZBEKÎYA	80	6	30	00	0	0	—	9.2	34	29	13
		GÎZA	80	6	30	00	0	0	—	9.4	33	30	13
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	8	35	02	1	2	Ci	9.6	35	19	8
	387	MINYA	350	8	10	00	0	1	Ci	7.7	36	20	10
	393	ASYÛT MANQABÂD	20	3	30	00	0	0	—	6.6	38	16	8
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	7.1	37	27	15
	402	QENA	270	1	50	00	0	0	—	6.0			12
	405	LUXOR											
	414	ASWÂN	00	0	50	00	0	0	—	5.4	41	10	4
Oases	417	SÎWA	70	10	14	00	0	0	—	13.6	32	20	6
	420	BAHARÎYA	360	2	35	02	0	0	—	10.0	34		
	423	FARAFRA	360	10	35	02	0	0	—	10.3	34		
	432	DAKHLA	340	11	50	00	0	0	—	8.0	36	10	-1
	435	KHARGA	360	7	15	00	0	0	—	6.4	37	22	12
Red Sea	450	SUEZ	360	6	50	03	0	5	Sc	8.8	33	24	10
	459	TÛR	270	5	15	01	1	1	Ci	7.8	28	62	20
	462	HURGHÂDA	10	6	30	02	0	0	—	7.1	27	77	23
	465	QUSEIR	20	9	15	02	0	0	—	7.2	25	94	24
	641	PORT SUDÂN	70	13	30	03	0	3	Cu, Ac	6.1	32	74	27
North Sudan	600	WÂDI HALFA	360	15	50	02	0	0	—	5.1	39	8	-2
	640	ABU HAMAD	230	1	30	02	0	0	—		42	10	4
	660	KAREIMA	270		30	02	0	0	—	4.2			8
	680	'ATBARA	00	0	30	03	0	1	Cu, Cs	2.1	43		
	721	KHARTUM	270	3	30	02	1	4	Ci	3.8	41	12	6
	730	KASSALA	230	3	30	01	1	1	Ci	2.5	41	19	13
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	20	2	50	02	1	4	Cu	5.0	37	18	9
	760	EL FÂSHER											
	770	GENEINA	320	4	30	02	1	4	Cc		37	7	-4
S. Sudan	840	MALAKÂL	230	10	30	01	2	3	Cu, Ac	7.4	33	44	19
	860	WÂU	200	5	30	03	1	5	Cu, Ac	8.0	34	36	17
	341	JUBA	180	7	30	60	6	8	Cb, Ac	12.3	22	94	21

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	360	5	15	02	0	1	Ci	14.7	21	74	16	0
SÎDI BARÂNI	360	5	18	02	0	1	Cs	14.1	20	69	14	0
MATRÛH												
EL DABÂ	360	5	35	00	0	0	—		20	83	17	0
ALEXANDRIA												
FOUAD (Airport)	20	10	12	02	0	0	—	10.8	21	69	15	0
DAMIETTA	40	5		01	1	0	—	10.8	23	74	18	0
PORT SAÏD												
EL 'ARISH												
DAMANHUR												
MANSURA	360	9		00	0	0	—	10.6	23	61	15	0
TANTA	360	2	35	02	0	0	—	11.5	26	55	16	0
ZAGAZIG	00	0	35	02	0	0	—	10.3	23	61	15	0
ISMAÏLIA												
FAROUK (Airport)	20	12	12	00	0	0	—	9.8	27	52	16	0
ALMAZA	40	15	12	01	2	2	Cs	9.2	27	52	16	0
EZBEKÎYA	40	4	12	00	0	0	—	9.8	25	47	13	0
GÎZA	40	4	12	00	0	0	—	9.5	27	42	13	0
HELWÂN												
FAIYÛM	360	2	35	01	1	0	—	8.3	30	31	11	0
MINYA	340	6	8	00	1	0	—	7.4	27	37	11	0
ASYÛT MANQABÂD	310	5	12	00	0	0	—	5.9	32	26	10	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	4.7			15	0
QENA												
LUXOR												
ASWÂN	00	0	15	00	0	0	—	5.3	37	11	2	0
SÎWA	80	4	10	00	0	0	—	12.8	27	27	6	0
BAHARÎYA	360	3	15	02	0	0	—	9.1	28	45	15	0
FARAFRA	320	4	15	02	0	0	—	9.6	28	45	15	0
DAKHLA	340	0	35	00	0	0	—	8.3	30	16	1	0
KHARGA	00	0	15	00	0	0	—	7.9	31	17	3	0
SUEZ												
TÛR	270	2	15	02	0	0	—	6.6	25	74	20	0
HURGHÂDA	00	0	12	02	0	0	—	6.1	25	74	20	0
QUSEIR	40	5	15	02	0	0	—	6.6	27	79	23	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	230	10	30	01	2	3	Cu, Ac	7.4	33	44	19	
WÂU	200	5	30	03	1	5	Cu, Ac	8.0	34	36	17	
JUBA	180	7	30	60	6	8	Cb, Ac	12.3	22	94	21	

At 0600 on Tuesday 13th 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
SALÛM	160	2	15	00	0	0	—	13.4	+0.4	24	26	-1			61	16	0	Rain	
SÎDI BARÂNI	60	4	35	00	0	0	—	13.2		22	24		14		61	14	0	115	
MATRÛH	310	6	10	02	0	0	—	13.2	-0.8	22			13		69	16	0	132	
EL DABÂ	360	2	15	00	0	0	—			22	25		17		74	17	0	214	
ALEXANDRIA	40	16	50	00	0	0	—	11.0	-3.0	22			20	+2	74	17	0	166	185
FOUAD (Airport)	360	15	18	02	0	0	—	10.6	-3.1	23	27 ?	+1	20	+4	65	16	0	Rain	138
DAMIETTA	360	5	15	00	0	0	—	10.0	-3.5	24	25	-1	20	+3	61	16	0	171	104
PORT SAÏD	30	16	14	02	0	0	—	8.5	-4.8	24			22	+2	69	18	0	92	
EL 'ARISH	260	4	30	00	0	0	—	8.7	-4.8	25			17		47	13	0	101	
DAMANHUR	130	9	7	02	0	0	—	10.6	-3.2	25			17	+2	47	13	0	87	100
MANSURA	360	5	35	00	0	0	—	9.9	-3.7	25	32	+1	17	+1	42	11	0	62	53
TANTA	360	2	35	02	0	0	—	10.2	-3.8	25	33	+1	16	+1	47	13	0	65	42
ZAGAZIG	40	1	35	02	0	0	—	9.7	-4.1	24	34	+2	15	0	69	18	0	30	26
ISMAÏLIA																			
FAROUK (Airport)	360	5	15	00	0	0	—	10.6		21	35		16		74	16	0	83	
ALMAZA	40	8	12	00	0	0	—	10.0	-3.1	21	34	+1	17	-1	74	16	0	71	
EZBEKÎYA	30	4	10	00	0	0	—	10.6	-2.7	22	35	+3	16	-1	53	12	0	61	25
GÎZA	30	4	10	00	0	0	—	10.7	-2.6	21	34	+2	16	+2	65	14	0	58	25
HELWÂN																			28
FAIYÛM	360	6	35	02	0	0	—	10.7	-2.3	24	36	+2	18	+1	54	14	0	23	8
MINYA	360	7	10	00	0	0	—	9.7	-3.6	23	38	+3	18	+1	61	15	0	5	
ASYÛT MANQABÂD	290	6	18	00	0	0	—	8.8	-3.4	25	40	+3	21	+1	51	14	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	8.4	-2.8	25	40	+4	18	0	47	13	0	0.1	
QENA	00	0	35	00	0	0	—	7.4	-3.3	31			23	+3	22	7	0	2	
LUXOR	00	0	30	00	0	0	—	6.8	-4.0	32			24	+4	36	15	0	dr.	
ASWÂN	00	0	50	00	0	0	—	7.6	-3.1	32	42	+3	24	+1	20	6	0	dr.	
SÎWA	80	6	14	00	0	0	—	13.8	-0.6	21	33	-1	15	-1	57	12	0	26	8
BAHARÎYA	360	3	35	02	0	0	—	11.1	-2.4	21	35	+1	16	-1	65	14	0	1	7
FARAFRA	360	2	35	02	0	0	—	11.2		24	35		17		47	12	0	Rain	
DAKHLA	320	13	15	00	0	0	—	10.0	-2.3	24	36	-1	20	+1	38	9	0	dr.	
KHARGA	00	0	15	00	0	0	—	8.6	-2.7	25	38	0	22	+1	42	11	0	dr.	
SUEZ	360	8	35	00	0	0	—	10.0	-2.7	23			18	0	65	16	0	44	17
TÛR	270	5	15	02	0	0	—	9.2	-1.6	25			20	0	61	17	0	1	13
HURGHÂDA	350	9	30	02	0	0	—	9.6	-1.1	25	28	-1	20	0	70	19	0	dr.	
QUSEIR	20	2	15	02	0	0	—	8.3	-2.5	28	29	-2	23	0	52	17	0	dr.	4
PORT SUDÂN																			96
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA	50	8	30	02	0			8.4		31	42		25		33	13	0	dr.	1
'ATBARA	340	7	30	02	1	1	Ac	6.1		30	44		25				0	dr.	5
KHARTUM	130	9	15	02	0	1	Ac	5.7		24	43		27		22	1	0	0.6	6
KASSALA																			17
WAD MEDANI	230	9	35	02	0	0	—	8.5		32	42		23		38	15	0	20	18
RENK																			67
ROSEIRES	30	2	35	01	1	5	Ac	10.1		30	40		25		59	21	0	92	75
EL OBEID													23						24
EL FÂSHER	50	4	30	02	0	3	Ci			29	39		20		25	7	0	13	10
GENEINA	90	2	50	02	1	4	Ci			27	39		22		45	14	0		14
MALAKÂL	200	6	30	01	1	5	Ac, Cc	12.9		26	34		23		70	20	0	167	148
WÂU																			285
JUBA	230	5		21	6	8	Sc, Ac	14.1		23	27		20		84	20	6	383	270

HUMIDITY % Mean of day

Station	On 12th	Diff. from normal
Alexandria	75	+4
Ezbekiya	47	-3
Gîza	48	-3
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 13th 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					

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	Kharga		Hurghada		Siwa		Minya		Dakhla		Mat'rah		Asyut		S.Barani								Port Said		Minya	
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	10	14	140	8	30	11	340	10	350	11	30	10	300	3	50	17							30	10	10	25
600	360	18	110	7	30	15	350	12	350	10	80	19	270	3	60	15							70	8	30	28
1000	350	21	90	6	20	12	360	12	340	8	50		340	7	50	17							40	9	30	23
1500	360	10	130	8	30	18	10	16	320	8	50	23	320	3	60	20							60	9	20	12
2000	30	9			50	14			320	3			100	5	50	25										
3000					20	14			350	9			140	14												
4000					30	10							140	9												
5000					170	3							210	11												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time	8		4				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	70	10	40	12			50	4					330	10	330	10			270	5				
600	80	12	10	18			10	12					320	9	340	11			290	6				
1000	60	12	30	17			20	5					330	9	350	8			310	8				
1500	40	5	50	17			140	7					340	13	30	8			310	4				
2000	20	10	50	3			150	12					350	15	80	9			230	7				
3000	330	19	360	2			220	12							180	15								
4000	340	24	270	15																				
5000			180	10																				
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	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	70	14	340	36	340	8	290	1																
600	70	16	340	26	350	8	350	9																
1000	80	10	330	23	10	7	360	19																
1500	360	16			340	4																		
2000	350	17			340	3																		
3000	320	30			320	20																		
4000	330	25																						
5000	330	27																						
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.

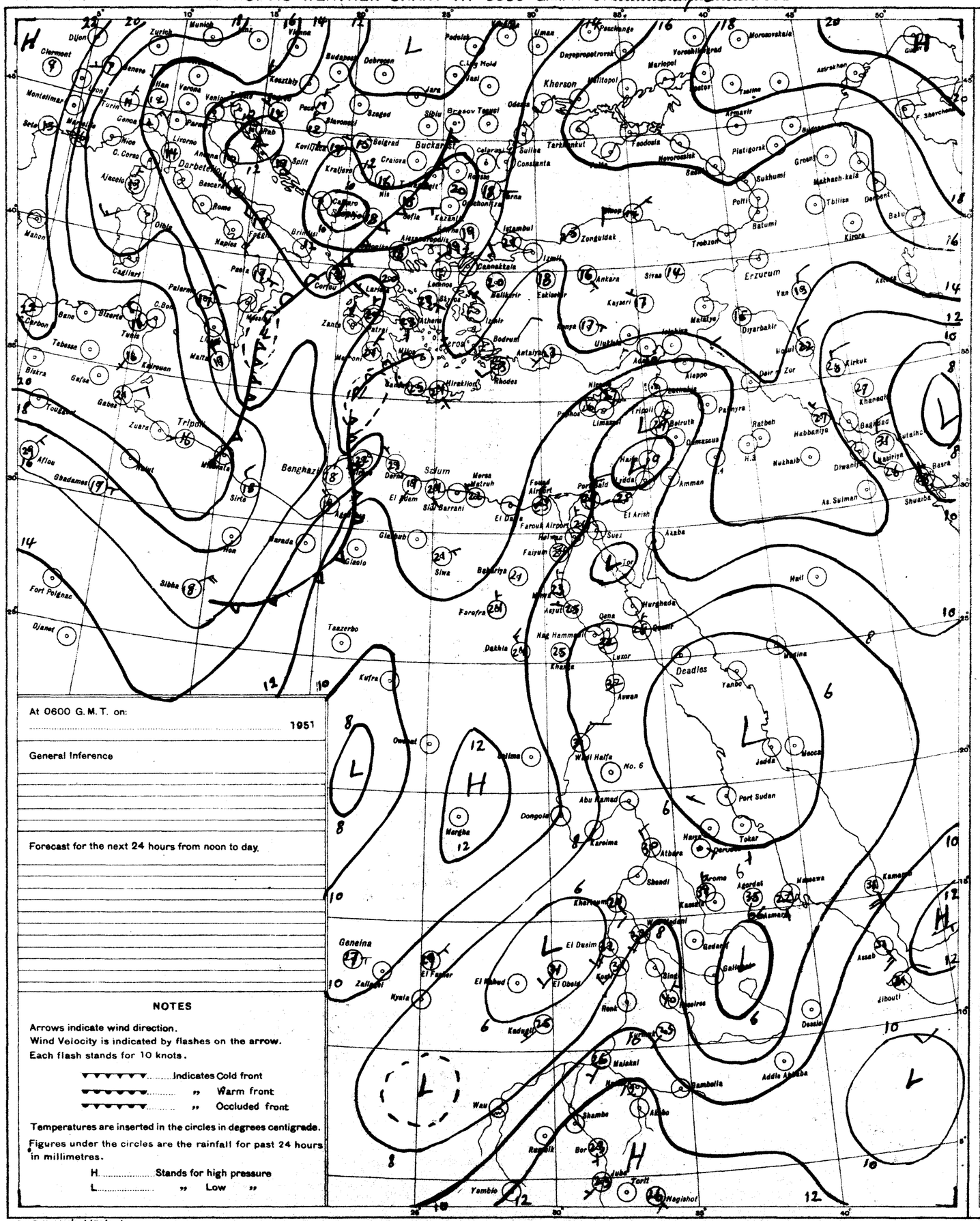
Note: All times are G.M.T.

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 13/5 1952



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 02 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: Wednesday 14th May, 1951 2

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	SALÛM	360	13	35	00	0	0	—	13.3	26	37	10
	303	SÎDI BARÂNI	350	7	30	00	0	0	—	13.1	24	54	14
	306	MATRÛH	320	11	30	02	0	0	—	13.4	24	57	15
	309	EL DABÂ	340	7	35	00	0	0	—		25	47	13
		ALEXANDRIA	40	16	50	00	0	0	—	11.1	24	69	18
	318	FOUAD (Airport)	340	11	18	02	0	0	—	10.3	26	55	16
	330	DAMIETTA	360	5	35	02	0	0	—	9.6	25	70	19
	333	PORT SAÏD											
	336	EL 'ARISH	360	8	30	00	0	0	—	6.8	26	70	20
Lower Egypt	339	DAMANHUR	30	9	15	02	0	0	—	9.9	32	24	9
	342	MANSURA	20	9	35	00	0	0	—	9.0	33	30	13
	348	TANTA	310	5	35	02	0	0	—	9.1	33	24	10
	354	ZAGAZIG	00	0	50	02	0	0	—	8.3	34	41	19
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	340	12	30	00	0	0	—	9.0	34	36	17
	372	ALMAZA	20	10	30	00	0	0	—	8.3	34	34	16
		EZBEKIYA	30	6	30	00	0	0	—	7.9	35	25	12
		GÎZA	30	6	30	00	0	0	—	9.0	34	22	9
	378	HELWÂN	340	13	15	02	0	0	—	8.3	34	27	12
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	8.8	35	19	8
	387	MINYA	300	5	12	00	0	0	—	7.6	38	18	10
	393	ASYÛT MANQABÂD	350	10	18	03	0	2	Cu	7.0	37	18	9
	399	NAG' HAMMÂDI	00	0	35	01	0	2	AC	6.8	38	31	18
	402	QENA	00	0	50	00	0	0	—	5.5	42	18	13
	405	LUXOR											
	414	ASWÂN	250	2	50	00	0	0	—	4.6	40	15	9
Oases	417	SÎWA	280	9			0		—	13.4	33	14	2
	420	BAHARÎYA	360	2	35	02	0	0	—	9.1	35	29	14
	428	FARAFRA	320	10	35	02	0	0	—	10.0	34	36	17
	432	DAKHLA	340	11	35	00	0	0	—	8.4	36	13	4
	435	KHARGA	360	10	15	00	0	0	—	7.5	38	19	11
Red Sea	450	SUEZ	40	7	50	02	0	0	—	7.4	35	23	11
	459	TOR	270	5	35	03	0	2	AC	6.6	31	49	19
	462	HURGHADA	70	9	30	03	1	1	Cu	6.9	30	62	22
	465	QUSEIR	20	5	15	02	0	0	—	7.6	28	83	25
	641	PORT SUDAN	90	15	30	00	0	1	Cu	5.7	31	79	27
North Sudan	600	WÂDI HALFA	290	13	30	02	0	0	—	5.7	40	6	-5
	640	ABU HAMAD	280	2	30	02	0	0	—		46	6	-4
	660	KAREIMA	310	7	30	02	0	0	—	5.1	40	7	-2
	680	ATBARA	320	5	30	02	0	0	—	2.7	43	5	-4
	721	KHARTUM	280	8	30	02	0	1	AC	4.3	42	11	5
	750	KASSALA	200	7	30	03	0	1	Cu	1.9	42	17	12
Central Sudan	751	WÂD MEDANI	230	9	35	02	0	0	—	4.8	41	10	3
	801	RENK											
	802	ROSEIRES	230	5	35	02	1	6	Cu	5.8	37	35	19
	771	EL OBEID	310	7	50	03	0	3	Cu, Ci	4.5	39	12	5
	760	EL FÂSHER	00	0	30	02	1	2	Cu		39	23	14
	770	GENEINA	340	2	30	03	1	6	Cb, AC		36	22	11
S. Sudan	840	MALAKÂL	180	9	30	01	2	6	Cu, AC	8.1	35	39	19
	880	WAU											
	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.
SALÛM	40	5	15	00	0	0	—	11.4	21	74	16	0
SÎDI BARÂNI	50	2	18	00	0	0	—	11.8	20	69	14	0
MATRÛH	330	9	14	02	0	0	—	12.2	20	78	16	0
EL DABÂ	320	2	7	00	0	0	—		20	83	17	0
ALEXANDRIA	360	16	35	00	0	0	—	10.6	21	83	18	0
FOUAD (Airport)	330	8	12	02	0	0	—	10.1	21	78	17	0
DAMIETTA	340	5		02	0	0	—	9.1	22	74	17	0
PORT SAÏD	360	15	14	02	0	0	—	7.6	22	89	20	0
EL 'ARISH												
DAMANHUR	40	9	15	02	0	0	—	9.9	21	65	14	0
MANSURA	340	5		00	0	0	—	9.0	23	61	15	0
TANTA	00	0	35	02	0	0	—	9.9	25	54	15	0
ZAGAZIG	00	0	35	02	0	0	—	8.8	25	70	19	0
ISMAÏLIA												
FAROUK (Airport)	340	9	12	00	0	0	—	9.3	23	47	11	0
ALMAZA	10	11	12	00	0	0	—	8.8	27	52	16	0
EZBEKIYA	10	3	12	00	0	0	—	10.4	24	50	13	0
GÎZA	10	3	12	00	0	0	—	10.3	26	37	10	0
HELWÂN	340	18	7	02	0	0	—	8.3	28	33	10	0
FAIYÛM	360	2	35	02	0	0	—	6.8	30	25	8	0
MINYA	360	1	8	00	0	0	—	6.5	27	37	11	0
ASYÛT MANQABÂD	280	7	15	00	0	0	—	6.8	32	22	8	0
NAG' HAMMÂDI	290	1	15	01	0	1	AC	6.0	33	24	10	0
QENA	290	1	7	00	0	0	—	5.6	36	17	7	0
LUXOR												
ASWÂN	360	4	15	00	0	0	—	5.9	36	17	7	0
SÎWA	00	0	10	00	0	0	—	11.6	28	29	8	0
BAHARÎYA	360	3	15	02	0	0	—	9.6	29			0
FARAFRA	340	4	15	02	0	0	—	10.3	27	42	13	0
DAKHLA	340	11	15	00	0	0	—	9.1	31	7	-6	0
KHARGA	360	2	15	00	0	0	—	8.3	32	20	6	0
SUEZ	360	5	15	02	0	0	—	8.2	28	40	13	0
TOR	60	9	15	13	2	4	AC	5.5	30	40	15	0
HURGHADA	180	6	10	01	5	3	Cb	5.2			20	Rain
QUSEIR	20	9	15	17	5	6	Sc	6.7	27	94	26	dr.
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES	230	9	35	02	1	5	Cu		30	40	26	55
EL OBEID	230	2	35	02	1	3	Cu	8.0	31	39	27	26
EL FÂSHER	230	12	30	01	1	1	AC	8.0	29	40	24	43
GENEINA	190	12	30	03	2	6	AC		29	40	26	49
MALAKÂL	70	5	30	03	2	6	Cu, AC		26	38	21	45
WAU	180	5	30	03	2	4	AC, Cu	10.5	27	35	23	58
JUBA	180	4	30	03	2	7	St, AC	12.2	22	25?	20	94

At 0600 on Wednesday 14th May, 1952

Station	Wind 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	13	15	00	0	0	—	11.4	-1.6	21	28	+1	17	0	65	14	0	Rain	
SÎDI BARÂNI	330	11				3	Sc	11.1		21	25		15		69	15	0	115	
MATRÛH	270	12	30	02	0	0	—	11.2	-2.8	21	25		14		74	16	0	132	
EL DABÂ	00	0	15	00	0	0	—			22	26		14		74	17	0	214	
ALEXANDRIA	270	11	50	00	0	0	—	9.9	-4.1	21	26	0	19	+1	83	18	0	166	185
FOUAD (Airport)	290	11	18	02	0	0	—	9.5	-4.1	23	26	0	17	+1	74	18	0	Rain	138
DAMIETTA	320	2	15	00	0	0	—	9.8	-3.7	23	26	0	19	+2	74	18	0	171	104
PORT SAÏD	310	8	14	02	0	0	—	7.8	-5.5	24	26	+1	22	+2	69	18	0	92	
EL 'ARISH	260	3	20	02	1	2	Ci	8.1	-5.4	24			18		69	18	0	101	
DAMANHUR	130	5	7	02	0	0	—	10.0	-3.8	24	33	+3	15	0	54	14	0	87	100
MANSURA	320	5	35	00	0	0	—	9.6	-4.0	24	33	+2	17	+1	61	16	0	62	53
TANTA	270	2	35	02	0	0	—	9.5	-4.5	23	34	+2	14	-1	65	16	0	65	42
ZAGAZIG	00	0	35	02	0	0	—	10.4	-3.4	24	35	+3	15	0	84	21	0	30	26
ISMAÏLIA																			
FAROUK (Airport)	320	1	10	05	2	1	Sc	11.1		20	36		16		83	17	0	83	
ALMAZA	10	7	10	01	1	2	Sc	10.5	-2.8	20	35	+2	17	-1	73	15	0	71	
EZBEKIYA	00	0	4	05	2	3	Cu	10.8	-2.5	22	36	+4	16	-1	69	16	0	61	25
GÎZA	00	0	4	05	2	3	Cu	11.0	-2.3	21	36	+4	17	+3	74	16	0	58	25
HELWÂN	320	3	7	05	0	0	—	10.3	-2.7	20	35	+3	18	+1	83	17	0	59	28
FAIYÛM	360	6	35	02	0	0	—	10.2	-2.8	23	37	+3	18	+1	61	15	0	23	8
MINYA	350	11	8	00	0	0	—	9.8	-3.4	24	39	+4	17	0	44	11	0	5	
ASYÛT MANQABÂD	290	6	14	00	0	0	—	9.9	-2.3	24	39	+2	20	0	38	9	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	9.1	-2.0	25	40	+4	20	+2	54	15	0	0.1	
QENA	290	1	15	00	0	0	—	7.5	-3.2	30	42	+4	23	+3	25	8	0	2	
LUXOR																			
ASWÂN	320	3	50	00	0	0	—	7.6	-3.1	32	41	+2	25	+2	20	6	0	dr.	
SÎWA	00	0	14	00	0	0	—	12.6	-1.8	23	35	+1	15	-1			0	26	8
BAHARÎYA	360	2	35	02	0	0	—	10.8	-2.6	23	36	+2	17	0	61	15	0	1	7
FARAFRA	00	0	35	02	0	0	—	10.0		24	35		18		47	12	0	Rain	
DAKHLA	200	3	35	00	0	0	—	9.5	-2.8	28	38	+1	20	+1	22	4	0	dr.	
KHARGA	00	0	15	00	0	0	—	9.3	-2.0	28	39	+1	22	+1	27	7	0	dr.	
SUEZ	360	7	35	00	0	0	—	9.1	-3.6	24	36	+4	19	+1	54	14	0	44	17
TOR	340	5	35	02	1	0	—	6.7	-4.0	25			23	+3	39	10	0	1	13
HURGHADA	320	19	14	02	0	0	—	6.2	-4.4	26	32	+3	22	+2	48	14	Rain	Rain	
QUSEIR	330	5	15	02	0	0	—	6.2	-4.5		29	-2	23	0		14	Rain	Rain	4
PORT SUDAN																			96
WÂDI HALFA	340	2	30	02	0	0	—	8.1		28	41		21		19	2	0	dr.	
ABU HAMAD	360	5	30	02	0	0	—			34	42		24		10	-2	0		
KAREIMA	40	7	30	02	0	0	—	7.4		30	42		25		27	9	0	dr.	1
ATBARA																			5
KHARTUM	90	6	30	01	1	1	Ci	7.5		31	43		24		12	-1	0	0.6	6
KASSALA																			17
WÂD MEDANI																			19
RENK	230	9	35	02	1	5	Ci		30	40		26		55	20	0			68
ROSEIRES	230	2	35	02	1	3	Ci	8.0	31	39		27		26	9	0	92		77
EL OBEID	230	12	30	01	1	1	AC	8.0	29	40		24		43	15	0	15		25
EL FÂSHER	190	12	30	03	2	6	AC		29	40		26		49	17	0	13		10
GENEINA	70	5	30	03	2	6	Cu, AC		26	38		21		45	13	0			15
MALAKÂL	180	5	30	03	2	4	AC, Cu	10.5	27	35		23		58	18	0	167		150
WAU																			289
JUBA	180	4	30	03	2	7	St, AC	12.2	22	25?		20		94	21	9	392		375

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria	75	+4
Ezbekiya	50	0
Gîza	50	-1
Helwân	39	+1

GÎZA GRASS MINIMUM TEMP. ON 14th 15.8 °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 13th

Station	Kharga		Matruh		Hurghada		Asyut		Minya		Dakhla		Siwa		Fouad A.P.S. Barani								Port 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	360	10	360	13	130	10	320	10	350	13	320	11	360	14	360	15	10	12					350	12	360	28
600	360	15	10	12	150	9	300	12	340	16	320	9	360	13	350	14	30	6					350	12	10	28
1000	350	16	360	11	200	22	300	10	340	16	310	8	360	12	350	14	10	7					10	15	20	63
1500	360	14	330	12			280	11	300	9	320	14	20	9	350	10	60	9					330	3	20	14
2000			340	14			250	13			320	18	350	22			340	11					330	3		
3000			340	12									320	20			330	14								
4000			350	4									310	18			310	19								
5000			230	14													290	16								
6000																	270	23								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada	
Time	8		4		8		2		6		7 15		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.
300	320	12	300	7	300	11	320	12	270	15	340	6	360	22	330	1			330	4		
600	280	12	350	9	320	17	320	12	330	6	10	11	10	26	330	16			320	5		
1000	240	12	30	4	320	17	340	10	360	11	360	20	10	31	330	22			310	9		
1500			330	9	320	19	360	7	320	9	350	12			320	21			310	17		
2000			330	20	320	14			180	4	320	11			330	20			300	17		
3000									210	8	210	5			220	2						
4000									220	12	230	8										
5000									200	12												
6000									260	9												
7000																						
8000																						

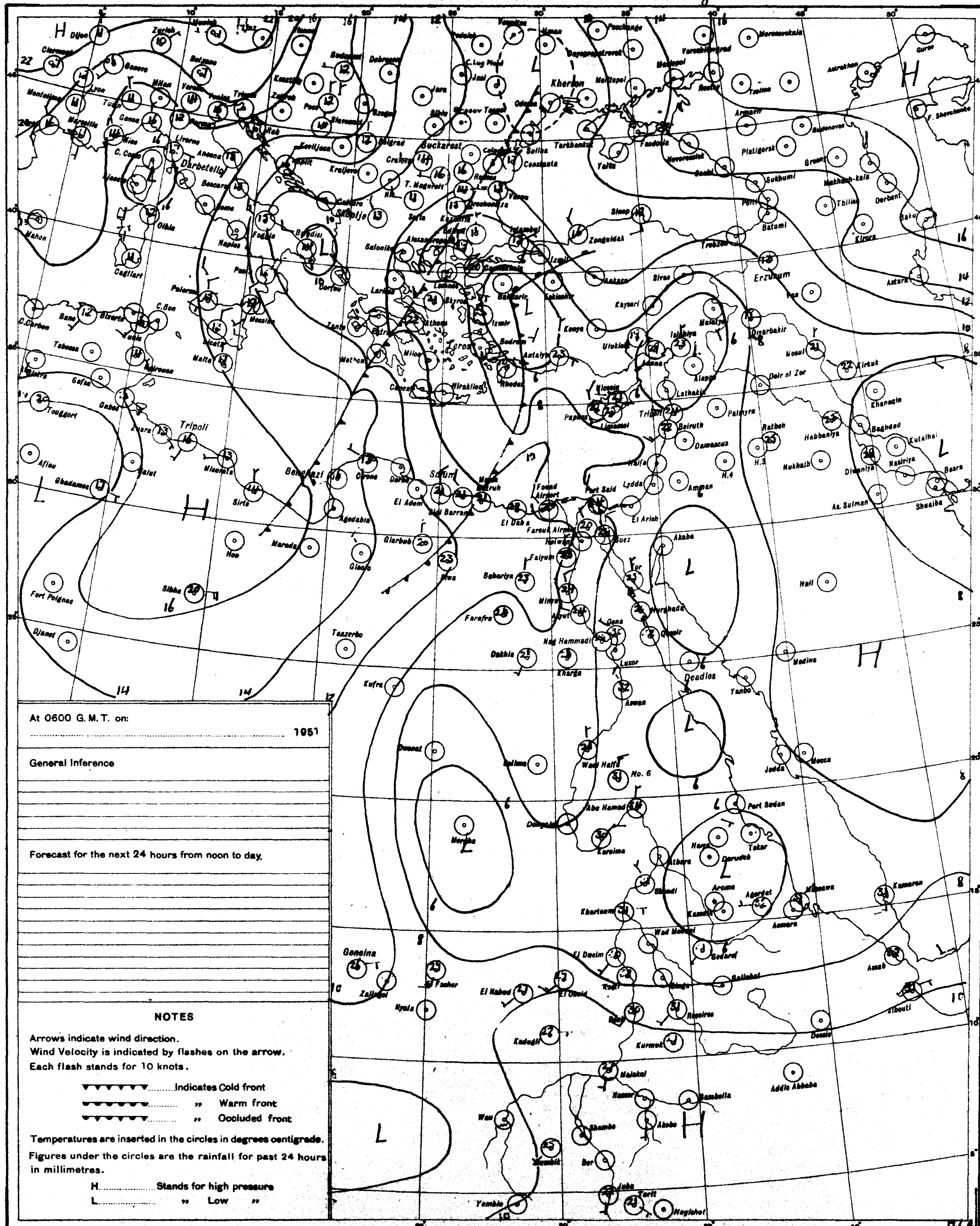
Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8														4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	150	8	20	7	360	7	20	13																
600	150	7	10	6	10	11	360	11																
1000	250	7	10	14	360	14	350	11													170	17		
1500	330	4	40	16	350	9	340	20													180	18		
2000	280	9	20	30	350	22	360	14																
3000	270	11																			70	9		
4000	260	15																						
5000																					40	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)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 14/5/1952



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(45/667) (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 *(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

Form	Abbreviation
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 02 G. M. T.
" " Sunset 16 41 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Thursday 15th May, 1951 2

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	30	12	35	03	1	6	Ch				17
	303	SÎDI BARÂNI	330	11	18	02	1	5	Ci	11.3	22	65	15
	306	MATRÛH	310	10	30	03	1	6	Cu, Cs	11.6	23	65	16
	309	EL DABÂ	320	6	35	01	1	3	Cu		23	65	16
		ALEXANDRIA	310	19	50	00	0	0	—	10.6	23	74	18
	318	FOUAD (Airport)	300	15	18	02	0	0	—	10.2	24	[illegible]	18
	330	DAMIETTA	340	5	35	02	0	0	—	9.8	25	61	17
	333	PORT SA'ÎD	360	15	30	02	0	0	—	8.2	25	70	19
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	5	15	02	0	0	—	9.6	28	45	15
	342	MANSURA	320	5	35	00	0	0	—	9.0	32	28	11
	348	TANTA	310	5	35	02	0	0	—	9.3	30	31	11
	354	ZAGAZIG	00	0	50	02	0	0	—	9.9	33	38	17
	440	ISMA'ÎLÎA											
Cairo Area	366	FAROUK (Airport)	20	6	18	00	0	0	—	9.7	32	24	9
	372	ALMÂZA	320	10	30	00	0	0	—	9.3	31	31	12
		EZBEKÎYA	40	4	30	00	0	0	—	8.8	33	24	10
		GÎZA	40	4	30	00	0	0	—	10.0	33	16	4
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	0.0	33	12	0
	387	MINYA	360	15	12	02	1	1	Ci	8.9	34	18	6
	393	ASYÛT MANQABÂD	320	13	30	00	0	0	—	8.0	35	9	-3
	399	NAG' HAMMÂDI	270	2	35	00	0	0	—	7.1	36	20	10
	402	QENA	290	1	50	00	0	0	—	5.6	40	12	6
	405	LUXOR											
	414	ASWÂN	340	4	50	00	0	0	—	5.0	39	11	3
Oases	417	SÎWA	00	0	14	02	1	3	Ac, Cc	11.6	35	12	1
	420	BAHARÎYA	360	3	35	03	1	3	Ac	9.0	35	23	11
	423	FARAFRA	00	0	35	02	2	2	Ac	10.4	35	37	18
	432	DAKHLA	320	8	50	00	0	0	—	9.1	36	6	-7
	435	KHARGA											
Red Sea	450	SUEZ	360	8	50	02	0	0	—	7.9	32	15	2
	459	TÛR	310	9			1	1	Ac		29	52	18
	462	HURGHÂDA	10	15	18	02	1	1	Cu		27	62	19
	465	QUSEIR	20	13	15	02	0	0	—	6.4	29	66	22
	641	PORT SÛDÂN	70	9	30	03	0	2	Ci, Cu	3.8	33	74	28
North Sûdân	600	WÂDI HALFA	360	15	30	02	0	0	—	5.6	40	8	0
	640	ABU HAMAD	360	12	30	02	0	0	—		41	7	-2
	660	KAREIMA	20	13	10	07	0	0	—	3.4	43	10	5
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA	50	1	30	03	0	1	Cu	1.2	41	10	3
Central Sûdân	751	WÂD MEDANI	230	9	35	02	0	0	—	2.3	41	13	7
	801	RENK	230	6	35	02	1	6	Cu		39	26	16
	802	ROSEIRES											
	771	EL OBEID	70	7	50	03	0	1	Cu, Ac	3.4	39	9	1
	760	EL FÂSHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	200	8	30	03	1	4	Cu	6.3	34	41	19
	880	WAU											
	941	JUBA	300	5	4	95	9	8	Sc	7.9	23	89	21

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
SALÛM	40	5	15	00	0	0	—	11.4	20	73	15	0
SÎDI BARÂNI	360	9	18	01	1	1	Ci		20	69	14	0
MATRÛH	330	9	18	02	1	6	Sc, Ci	11.7	20	69	14	0
EL DABÂ	00	0	7	03	2	8	St		21	83	18	0
ALEXANDRIA	360	15	35	03	1	4	Ci	10.8	21	88	19	0
FOUAD (Airport)	330	6	12	02	1	4	Ci	10.7	20	83	17	0
DAMIETTA												
PORT SA'ÎD	340	15	12	02	0	1	Ci	9.2	22	74	17	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	10.4	22	74	17	0
MANSURA	360	5		00	0	0	—	10.1	23	61	15	0
TANTA	00	0	35	02	0	0	—	10.6	25	54	15	0
ZAGAZIG	00	0	35	02	0	0	—	10.7	23	65	16	0
ISMA'ÎLÎA												
FAROUK (Airport)	20	10	12	02	1	2	Ci	11.0	27	42	13	0
ALMÂZA	00	0	12	03	1	3	Ci	10.0	27	52	16	0
EZBEKÎYA	30	3	12	00	1	1	Ci	10.7	26	42	12	0
GÎZA	30	3	12	00	1	1	Ci	11.2	27	33	9	0
HELWÂN												
FAIYÛM	360	2	35	02	0	0	—	10.0	28	33	10	0
MINYA	00	0	8	00	1	1	Ci	9.3	26	32	8	0
ASYÛT MANQABÂD	340	5	12	00	0	0	—	9.3	28	25	6	0
NAG' HAMMÂDI	290	1	15	00	0	0	—		29	29	9	0
QENA	290	1	7	00	0	0	—	8.3	23	16	4	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	8.4	35	12	1	0
SÎWA	280	4	10	01	1	0	—	10.7	30	25	8	0
BAHARÎYA	00	0	15	02	1	0	—	9.8	31	43	17	0
FARAFRA	90	1	15	02	2	0	—	10.0	30	35	13	0
DAKHLA	320	5	35	00	0	0	—	9.4	32	10	-3	0
KHARGA	00	0	15	00	0	0	—	8.7	31	12	-1	0
SUEZ	360	9	15	02	0	0	—	9.5	26	37	10	0
TÛR	310	5	35	00	0	0	—	6.0	30	35	13	0
HURGHÂDA	320	20	12	00	1	0	—	6.5	30	25	8	0
QUSEIR	360	9	15	02	0	0	—	6.8	27	55	17	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Thursday 15th May, 1952

Station	Wind 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 mms Total From Oct. 1st	Rainfall mms Normal From Oct. 1st
SALÛM	320	5	15	03	1	5	Cu, Cc	12.7	-0.3	20	25	-2	16	-1	64	13	0	Rain	
SÎDI BARÂNI	340	8	18	02	1	1	—	12.9		20	24		17		64	13	0	115	
MATRÛH	320	6	18	01	2	5	Sc, Cu	12.9		21	24		15		65	14	0	132	
EL DABÂ	00	0	7	02	1	4	Cu			21	24		17		74	16	0	224	
ALEXANDRIA	360	11	50	01	2	3	Cu	12.4	-1.6	21	24	-2	19	+1	83	18	0	166	185
FOUAD (Airport)	300	6	18	02	0	3	Sc	12.2	-1.3	22	25	-1	15	-2	78	18	0	Rain	138
DAMIETTA	340	2	15	00	0	0	—	11.3	-2.1	23			17	0	74	18	0	171	104
PORT SA'ÎD	350	5	14	01	0	1	Sc	11.0	-2.2	22	26	+1	20	0	83	19	0	92	
EL 'ARISH																			
DAMANHUR	40	5	7	02	0	0	—	12.2	-1.6	24	29	-1	16	+1	61	16	0	87	100
MANSURA	360	3	35	00	0	0	—	12.0	-1.5	23	33	+2	17	+1	65	16	0	62	53
TANTA	00	0	35	02	0	0	—	12.0	-1.9	22	32	0	14	-1	74	17	0	65	42
ZAGAZIG	00	0	35	02	0	0	—	12.8	-1.0	23	35	+3	15	0	65	16	0	30	27
ISMA'ÎLÎA																			
FAROUK (Airport)	360	6	12	00	0	0	—	11.3		24	34		19		41	10	0	83	
ALMÂZA	00	0	12	00	0	0	—	11.6	-1.6	23	33	0	18	0	65	16	0	71	
EZBEKÎYA	30	4	10	00	0	0	—	11.8	-1.4	26	34	+2	18	+1	48	14	0	61	25
GÎZA	30	4	10	00	0	0	—	12.4	-0.8	23	34	+2	14	0	50	12	0	58	25
HELWÂN																			28
FAIYÛM	360	4	35	02	0	0	—	12.8	-0.2	26	34	0	19	+2	37	10	0	23	8
MINYA	360	2	10	00	0	0	—	10.7	-2.4	24	35	0	15	-2	57	15	0	5	
ASYÛT MANQABÂD	350	1	10	00	0	0	—	11.1	-1.0	26	36	-1	20	0	42	12	0	3	
NAG' HAMMÂDI	00	0	15	01	0	1		11.0	-0.1	25	37	0	17	-2	54	15	0	0.1	
QENA	00	0	15	00	0	0	—	10.4	-0.3	26	41	+3	20	0	37	10	0	2	
LUXOR																			
ASWÂN	360	3	50	00	0	0	—	8.3	-2.4	29	40	+1	22	-1	14	-1	0	dr.	
SÎWA	90	5	14	00	0	0	—	13.1	-1.3	24	36	+2	18	+2	44	11	0	26	8
BAHARÎYA	70	4	35	02	0	0	—	11.5	-1.9	27	36	+2	19	+2	52	16	0	1	7
FARAFRA	70	2	15	02	0	0	—	12.0		27	37		16		20	2	0	Rain	
DAKHLA	00	0	50	00	0	0	—	9.9	-2.3	28	37	-1	18	-1	16	0	0	dr.	
KHARGA	00	0	15	00	0	0	—	9.8	-1.4	30	38	0	21	0	31	11	0	dr.	
SUEZ	360	5	35	00	0	0	—	11.0	-1.6	24	33	+1	17	-1	54	14	0	44	17
TÛR	310	13	35	00	0	0	—	9.0	-1.7	24			23	+3	74	19	0	1	13
HURGHÂDA	200	11	30	02	0	0	—	8.8	-1.8	26	31	+2	24	+3	58	17	0	dr.	
QUSEIR	360	9	15	02	0	0	—	8.3	-2.4	28	32	+1	23	0	52	17	0	dr.	4
PORT SÛDÂN																			96
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			5
KHARTÛM																			6
KASSALA																			18
WÂD MEDANI																			19
RENK																			69
ROSEIRES																			79
EL OBEID																			25
EL FÂSHER																			11
GENEINA																			16
MALAKÂL																			152
WAU																			293
JUBA																			380

HUMIDITY % Mean of day

Station	on 14th	Diff. from normal
Alexandria	86	+15
Ezbekîya	52	+2
Gîza	51	+1
Helwân		

GÎZA GRASS MINIMUM TEMP ON 15th 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 ____ At ____

Pressure 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

Height m.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Fouad A.A. Dir.	Fouad A.A. Vel.	Almaza Dir.	Almaza Vel.
Time	14		14		14		14		14		14		14		20		20		20		20	
300	320	17	350	15	250	21	350	14	360	18	350	30	340	17	350	4	330	4	350	12	30	16
600	250	7	340	16	250	23	350	20	360	24	350	22	330	14	340	9	350	6	320	9	30	8
1000	240	14	340	16	250	21	360	21	360	23	10	15	260	17	350	9	340	7	320	9	20	10
1500	250	15	320	9	260	16	10	10	10	19	360	17	240	26	320	12	30	3	260	9	310	19
2000	230	20	20	8	250	7	270	21					250	25	310	14			260	16	330	22
3000			340	24	250	19																
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barani Dir.	Sîdi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	8		4		3		2						2		8		8	15	8				4	30
300	330	15	320	9	340	9	80	2					340	6	150	3	10	7	350	8			60	12
600	320	9	330	7	350	5	50	2					340	6	170	5	10	9	10	10			40	11
1000	230	9	320	5	350	5	350	5					320	8	70	14	30	2	50	13			30	4
1500	230	17			280	10	300	1					360	12	40	10	20	6	60	6			350	8
2000	250	18					290	14							350	10	340	19	20	14			320	23
3000	250	28					280	35							300	16	310	20						
4000	250	29													270	29								
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																	
300			180	35	120	6	30	10																
600			180	35	110	15	40	18																
1000					110	11	70	25																
1500					240	12	40	18																
2000					250	26																		
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.

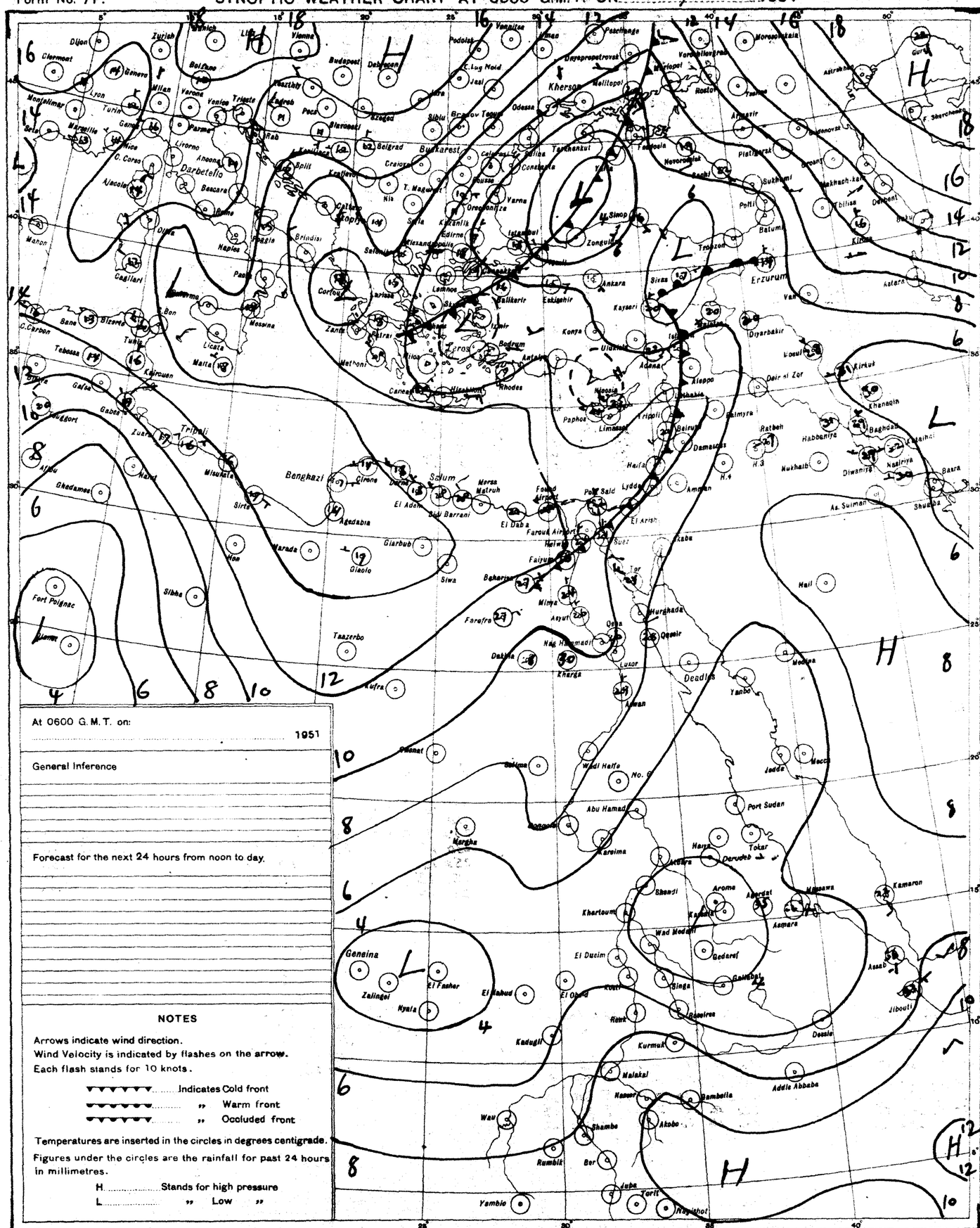
Note: All times are G.M.T.

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 15/5 1952



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(49/552) (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 7 F.

DAILY WEATHER REPORT

Date: Friday 16th May, 1951 2

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	52300	SALUM	40	9	35	02	1	4	Cs	13.0	22	57	13
	303	SIDI BARÂNI	350	10	30	03	1	4	Ci	12.8	22	53	12
	306	MATRUH	340	10	18	02	1	1	Cu	13.5	22	65	15
	309	EL DABA	340	5	35	00	0	0	—		24	61	16
		ALEXANDRIA	360	14	50	01	2	1	Ac	13.4	22	74	17
	318	FOUAD (Airport)	360	11	18	01	0	0	—	12.7	23		
	330	DAMIETTA	340	5	35	03	1	1		11.8	24	74	19
	333	PORT SAID	20	14	30	03	0	1	Ac, Ci	11.7	24	74	19
	336	EL ARISH											
Lower Egypt	339	DAMANHUR	360	5	15	02	0	0	—	12.3	31	38	15
	342	MANSURA	340	3	35	02	1	2	Ci	11.6	33	24	10
	348	TANTA	00	0	35	01	1	2	Cu	11.2	32	24	9
	354	ZAGAZIG	00	0	50	02	0	0	—	12.0	30	46	17
	360	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	340	10	30	03	0	2	Ci	10.5	33	24	10
	372	ALMAZA	320	5	30	03	0	3	Ci	10.9	32		
		EZBEKIYA	270	3	30	00	0	0	—	10.7	34	22	9
		GIZA	270	3	30	00	0	0	—	10.3	34	22	9
	379	HELWÂN											
Upper Egypt	381	FAIYUM	360	4	35	03	0	1	Ci	10.2	35	15	5
	387	MINYA	360	5	12	00	0	0	—	9.2	36	9	-2
	393	ASYUT MANQABAD	90	2	18	00	0	0	—	9.0	37	17	8
	399	NAG' HAMMADI	00	0	35	00	0	0	—	8.8	39	21	13
	402	QENA	340	1	50	00	0	0	—	8.4	41	10	4
	405	LUXOR											
	414	ASWÂN	340	4	50	00	0	0	—	8.5	40	12	6
Oases	417	SIWA	250	5	14	03	0	1	Cc	12.4	32	22	8
	420	BAHARIYA	180	2	35	03	1	2		9.4	37		
	423	FARAFRA	180	4	35	02	0	0	—	11.4	37	14	6
	432	DAKHLA	320	5	50	00	0	0	—	8.4	38	13	5
	435	KHARGA	00	0	15	00	0	0	—	8.7	40	13	7
Red Sea	450	SUEZ	360	5	50	02	0	0	—	9.9	34	29	13
	459	TOR	310	9	35	02	0	0	—	8.2	32	28	11
	462	HURGHADA	20	7	30	02	0	0	—	9.1	28	62	20
	465	QUSEIR	40	9	15	02	0	0	—	8.6	28	62	20
	541	PORT SUDAN	40	15	30	02	0	0	—		33	63	25
Nubian Sudan	600	WADI HALFA	90	10	30	02	0	0	—	6.3	40	11	4
	640	ABU HAMAD	30	8	30	02	0	0	—		43	5	-4
	660	KAREIMA	50	12	30	02	0	0	—	3.9	42	14	9
	680	ATBARA	340	14	7	07	0	0	—	2.4	43	2	-17
	721	KHARTUM	360	18	15	06	0	0	—	3.2	42	13	8
	730	KASSALA	90	3	30	03	0	1	Cu	0.8	43	13	9
Central Sudan	751	WAD MEDANI											
	801	RENK	270	5	35	02	2	7	Cu		39	32	19
	802	ROSEIRES	310	2	35	02	2	1	Cu	2.6	38	21	12
	771	EL OBEID	70	7	30	02	0	1	Cu	3.5	39	7	-4
	760	EL FASHER	100	12	15	07	0	0	—		39	10	2
	770	GENEINA	40	3	30	02	0	1	Cu		37	13	4
S. Sudan	840	MALAKAL	180	7	30	02	2	7	Cb, Ci	5.5	36	33	17
	860	WAU	130	6	30	03	2	8	Cb, Cs	5.2	35	37	18
	941	JUBA	90	8	30	01	6	8	Cb, Ci	8.4	26	77	22

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
SALUM	40	9	15	02	1	4	Cs	12.8	20	73	15	0
SIDI BARÂNI	20	9	18	03	1	2	Ci	12.7	20	64	13	0
MATRUH	360	9	14	02	2	6	Cs	13.5	20	73	15	0
EL DABA	360	3	7	03	2	6	Sc, Cu		20	83	17	0
ALEXANDRIA	40	17	35	02	2	3	Ci	12.8	20	83	17	0
FOUAD (Airport)	20	12	12	02	1	5	Cs	12.6	20	77	16	0
DAMIETTA	20	5		02	0	0	—	12.1	21	88	19	0
PORT SAID	30	17	14	01	0	1	Sc, Ac	12.0	20	94	19	0
EL ARISH												
DAMANHUR	40	9	15	02	1	1	Ci	12.6	23	74	18	0
MANSURA	40	9		00	1	0	—	13.0	22	65	15	0
TANTA	00	0	35	02	1	0	—	12.7	25	54	15	0
ZAGAZIG	00	0	35	02	0	0	—	12.8	24	69	18	0
ISMAÏLIA												
FAROUK (Airport)	20	17	12	00	0	0	—	12.7			19	0
ALMAZA	40	19	10	00	0	0	—	12.0	28	52	17	0
EZBEKIYA	40	6	12	00	0	0	—	12.4	25	45	12	0
GIZA	40	6	12	00	0	0	—	12.6	27	52	16	0
HELWÂN												
FAIYUM	360	4	35	02	0	1	Ci	11.0	29	35	12	0
MINYA	00	0	8	00	0	0	—	9.5	28	33	10	0
ASYUT MANQABAD	360	1	12	00	0	0	—	4.6	31	29	11	0
NAG' HAMMADI	00	0	15	00	0	0	—	8.4	30	25	8	0
QENA	00	0	7	00	0	0	—	8.6	33	24	10	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	8.2	36	17	7	0
SIWA	280	4	10	00	0	0	—	11.9	28	22	4	0
BAHARIYA	360	2	15	02	1	0	—	9.9	30			0
FARAFRA	40	4	15	01	2	0	—	9.9	30	21	5	0
DAKHLA	20	8	35	00	0	0	—	9.1	34	14	3	0
KHARGA	00	0	15	00	0	0	—	8.8	34	14	3	0
SUEZ	360	6	15	02	0	0	—	11.4	28	40	13	0
TOR	360	5	35	02	0	0	—	8.4	34			0
HURGHADA	310	13	14	02	0	0	—	8.8	30	49	18	0
QUSEIR	160	2	15	02	0	0	—	8.1	28	58	19	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Friday 16th May, 1952

Station	Wind 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	110	5	15	03	1	3	Cu, Ci	13.3	+0.3	20	23	-4	17	0	83	17	0	Rain	
SIDI BARÂNI	120	7	18	02	1	1	Cs	13.4		21	23		14		65	14	0	115	
MATRUH	90	6	18	01	1	2	Ci	13.6	-0.3	21	23		14		74	16	0	132	
EL DABA	90	3	15	01	1	2	Cu			22	24		18		74	17	0	214	
ALEXANDRIA	40	6	50	01	1	2	Ci	13.0	-0.9	23	24	-2	18	0	65	16	0	166	185
FOUAD (Airport)	30	7	18	03	0	1	Ci	11.6	-1.8	23	25	-1	17	0	74	18	0	Rain	138
DAMIETTA	20	2	15	00	0	0	—	12.3	+0.9	23	25	-1	17	-1	74	18	0	171	105
PORT SAID	80	12	14	02	0	0	—	11.9	-1.3	22	24	-2	20	0	78	18	0	92	
EL ARISH																			
DAMANHUR	360	9	7	02	0	0	—	12.7	-0.9	21	32	+2	15	0	65	14	0	87	100
MANSURA	360	9	35	00	0	0	—	12.8	-0.7	24	33	+2	17	+1	61	16	0	62	54
TANTA	90	5	35	02	0	0	—	12.4	-1.4	23	33	+1	15	0	65	16	0	65	42
ZAGAZIG	40	2	35	02	0	0	—	11.8	-2.0	24	34	+2	18	+3	74	19	0	30	27
ISMAÏLIA																			
FAROUK (Airport)	70	10	18	02	1	3	Ac	11.4		24	35		19		54	14	0	83	
ALMAZA	50	12	12	03	1	3	Ci, Ac	11.7	-1.4	25	34	+1	19	+1	42	11	0	71	
EZBEKIYA	30	4	14	00	1	1	Ac	12.0	-1.2	26	35	+3	19	+2	45	13	0	61	25
GIZA	30	4	14	00	1	1	Ac	11.0	-2.7	25	35	+3	18	+3	42	11	0	58	25
HELWAN																			28
FAIYUM	00	0	35	02	0	0	—	11.0	-2.0	27	36	+2	19	+2	42	13	0	23	8
MINYA	00	0	10	00	0	0	—	9.6	-3.4	26	37	+2	18	+1	42	12	0	5	
ASYUT MANQABAD	00	0	8	00	0	0	—	9.9	-2.2	30	39	+2	23	+3	38	14	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	11.1	+0.1	26	40	+3	18	-1	55	16	0	0.1	
QENA	00	0	35	00	2	0	—	11.4	+0.8	29	42	+4	20	0	23	6	0	2	
LUXOR																			
ASWÂN	360	3	50	00	0	0	—	10.7	-0.1	31	41	+2	25	+1	17	3	0	dr.	
SIWA	270	10	14	03	0	3	Ac	13.2	-1.1	22	33	-1	19	+3	57	13	0	26	8
BAHARIYA	360	2	35	02	0	0	—	11.4	-2.0	25	38	+4	18	+1	42	11	0	1	7
FARAFRA	20	3	15	02	2	1	Ac	11.1		28	40		18		45	15	0	Rain	
DAKHLA	160	8	50	00	0	0	—	9.6	-2.6	30	41	+3	20	+1	11	-4	0	dr.	
KHARGA	00	0	15	00	0	0	—	9.8	-1.4	33	40	+2	23	+2	30	13	0	dr	
SUEZ	360	5	35	00	0	5	Cu	12.0	-0.6	26	35	+3	19	0	42	12	0	44	17
TOR	270	5	15	02	0	0	—	11.0	+0.4	26			20	0	74	21	0	1	13
HURGHADA	00	0	30	02	0	0	—	11.1	+0.9	26	31	+2	21	0	55	16	0	dr	
QUSEIR	330	5	15	02	0	0	—	11.2	+0.6	32	30	-1	24	+1	20	6	0	dr.	4
PORT SUDAN	340	21	30	01	0	0	—	9.7		34	35		22		56	24	0	211	96
WADI HALFA	350	2	50	02	0	0	—	9.3		30	44		27		19	4	0	dr.	
ABU HAMAD	360	7	30	02	0	0	—			35	44		25		12	1	0		
KAREIMA	60	8	30	02	0	0	—	8.8		32	43		26		21	7	0	dr.	1
ATBARA	20	8	30	02	0	0	—	7.2		33	44		24		16	4	0	dr.	5
KHARTUM	30	11	30	02	0	0	—	6.5		32	43		26		24	10	0	0.6	6
KASSALA	250		30	01	0	1	Ac	5.8		35	43		27		30	15	0	49	18
WAD MEDANI																			19
RENK																			70
ROSEIRES																			80
EL OBEID	200	6	30	02	0	0	—	7.4		31	40		23		22	7	0	15	26
EL FASHER	340	1	30	03	0	1	Ci			26	40		20		23	3	0	13	11
GENEINA	40	4	30	01	1	2	Ci			24	40		20		30	5	0		17
MALAKAL	160	4	30	02	2	7	Ac	10.7		28	37		24		62	20	0	167	154
WAU																			217
JUBA	180	5	50	01	4	2	Ac, Ci	10.1		25	30		21		83	22	3	395	385

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of Day

Station	15th	Diff. from normal
Alexandria	85	+14
Ezbekiya	45	-5
Giza	47	-3
Helwan		

GIZA GRASS MINIMUM TEMP. ON 16th 18.0 °C.

Remarks

Aeroplane Ascent — RAWINSONDE

Pressure mbs.	Height above M.S.L. Metres	Dry °C	Wet °C	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.
On	At			On 15th	At 15h AIRPORT					On	At AIRPORT					On	At AIRPORT				
1000				1000	97	33		340	8	1000						1000					
950				950						950						950					
900				900						900						900					
850				850	1518	17		300	9	850						850					
800				800						800						800					
700				700	3138	6		290	26	700						700					
600				600						600						600					
500				500	5806	-12		250	24	500						500					
400				400	7408	-23		280	55	400						400					
Remarks				300	9528	-37		280	56	300						300					

UPPER WIND OBSERVATIONS on 15th

Station	Siwa		Dakhla		Port Said		Matruh		Asyut		Kharga		Minya		S. Barani										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	260	5	210	12	180	14	340	7	330	4	70	2	330	7	360	17									110	5
600	270	8	210	15	210	11	360	14	340	3	80	3	350	4	320	9									110	5
1000	280	7	220	16	330	5	150	3	330	3	70	3	330	4	270	14									100	8
1500	280	16	210	11	250	10	290		330	7	80	2	300	7	220	16									60	3
2000	240	24	250	5	260	7			280	11					260	22										
3000	250	27	260	16	270	19			280	30					260	28										
4000	260	24	250	10					270	26																
5000			240	28																						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada			
Time	8		4		2		2						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	140	5	100	12	40	11	80	13					340	8	80	6								
600	130	7	30	11	30	10	90	2					340	6	120	12								
1000	180	7	50	5	40	6	300	5					340	9	160	14								
1500	220	8	240	4	340	3	270	10					340	10	190	12								
2000	240	10					230	16							250	15								
3000	250	20													270	24								
4000															200	27								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Baharîya		Kharga ~~Dakhla~~		Dakhla ~~Kharga~~		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8		3												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	90	21	310	3	150	3	113	12	90	10														
600	90	16	310	4	150	17	150	20	70	18														
1000	70	4	270	10	170	16	170	23	70	13														
1500	290	17	280	20	210	14	200	17	80	7														
2000	210	10	280	15			250	15	320	3														
3000	250	28							350	23											90	23		
4000	260	37																						
5000									320	13											100	24		
6000									330	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.

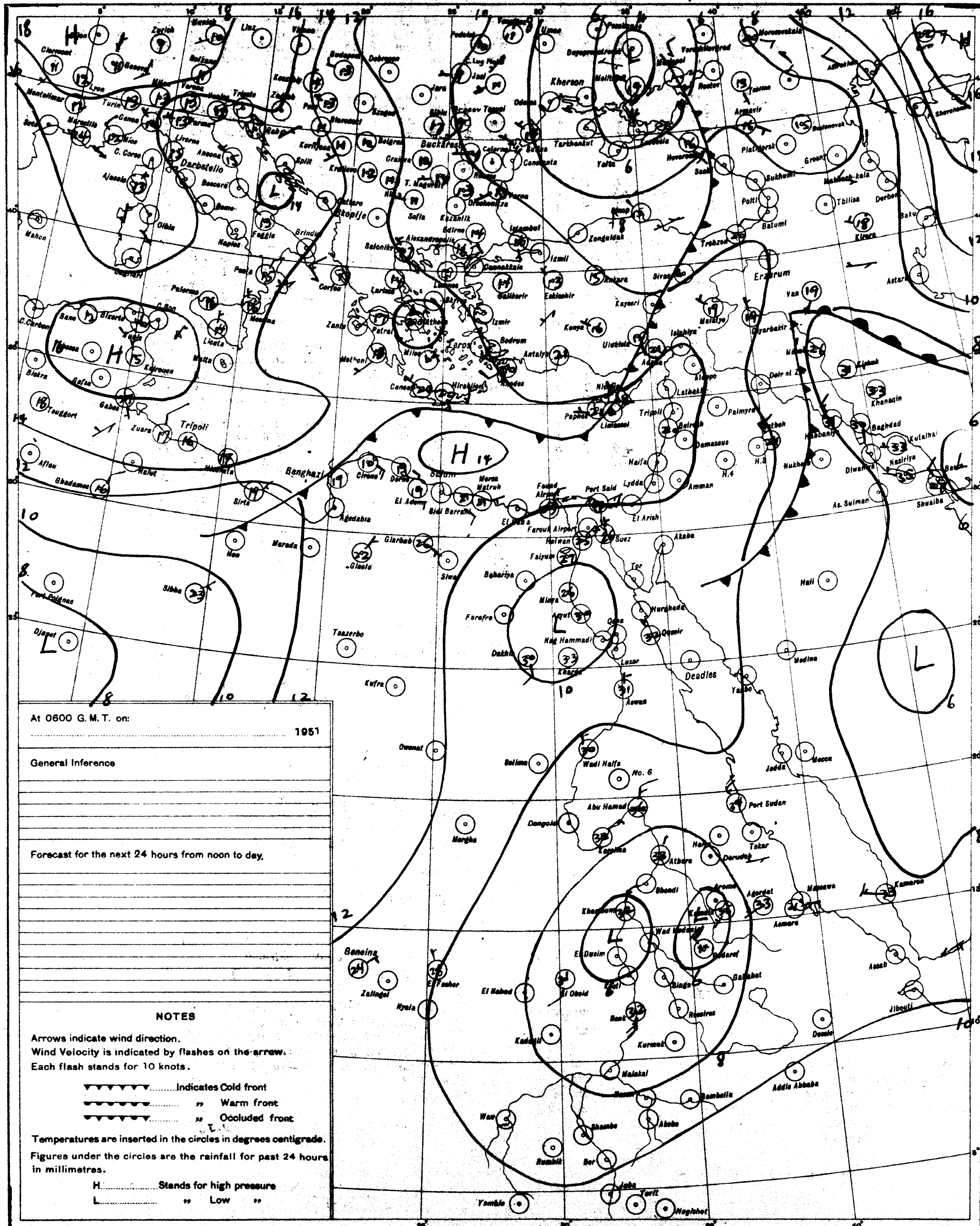
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 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 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(49/567) (50/531)

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: Saturday 17th May, 1951 2

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	20	9	35	02	1	6	AC, CS	12.3	22	65	15
	303	SÎDI BARÂNI	10	10	30	02	2	6	CS	12.0	22		
	306	MATRÛH	20	12	18	01	1	3	AC, Ci	12.0	23	65	16
	309	EL DABA	40	8	35	02	1	4	Cu		24	54	14
		ALEXANDRIA	40	15	50	02	2	3	Ci	12.6	23	65	16
	318	FOUAD (Airport)	360	10	18	03	0	2	Ci	11.9	26	58	17
	330	DAMIETTA	20	2	35	00	0	0	—	11.8	26	48	14
	333	PORT SA'ÎD	40	14	30	02	0	0	—	12.6	25	70	19
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—		30	35	13
	342	MANSURA	40	5	35	00	0	0	—	11.8	31	28	10
	348	TANTA	40	5	35	02	0	0	—	10.0	33	30	13
	354	ZAGAZIG	40	2	50	02	0	0	—	11.6	32	43	18
	440	ISMA'ÎLIA											
Cairo Area	366	FAROUK (Airport)	340	14	18	03	1	2	Ci	10.0	35	16	6
	372	ALMAZA	360	5	18	03	1	4	AC, Ci	9.9	34	18	6
		EZBEKÎYA	00	0	30	00	0	0	—	9.6	35	23	11
		GÎZA	00	0	30	00	0	0	—	9.8	36	13	4
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	00	0	35	03	2	6	Ci	9.1	37	14	6
	387	MINYA	270	5	12	00	0	2	Ci	8.4	40	9	1
	393	ASYÛT MANQABÂD	290	8	30	03	0	1	Ci	8.7	41	8	0
	399	NAG' HAMMÂDI	00	0	35	01	0	1	AC	9.0	40	15	9
	402	QENA	00	0	50	00	0	0	—		42	15	10
	405	LUXOR											
	414	ASWÂN	00	0	50	00	0	0	—	7.8	41	8	0
Oases	417	SÎWA	110	11	14	03	2	6	AC	10.8	32	26	10
	420	BAHARÎYA	360	2	35	03	1	3	AC	9.1	37	27	15
	423	FARAFRA	220	2	35	02	2	4	Ci	9.1	40	26	17
	432	DAKHLA	340	5	35	00	0	0	—	7.2	43	5	-4
	435	KHARGA	00	0	15	00	0	0	—	7.5	43	11	6
Red Sea	450	SUEZ	180	4	50	01	0	1	Cu	9.6	36	17	7
	459	TÛR	220	5	35	02	0	0	—	9.2	31	59	22
	462	HURGHADA	70	4	30	02	0	0	—	8.7	30	52	19
	465	QUSEIR	40	5	15	02	0	0	—	8.9	30	52	19
	641	PORT SÛDÂN	50	10	50	02	0	0	—	8.1	33	56	23
North Sudan	600	WÂDI HALFA	50	10	30	00	2	0	—	5.5	41	9	2
	640	ABU HAMAD	50	5	30	02	0	0	—		43	10	5
	660	KAREIMA	30	9	30	02	0	0	—	3.8	43	12	8
	680	'ATBARA	50	9	10	05	0	0	—	2.0	44	5	-3
	721	KHARTÛM	50	13	30	03	0	1	Cu	1.5	43	22	17
	730	KASSALA	270	2	30	03	1	3	Cu	0.7	43	17	13
Central Sudan	751	WÂD MEDANI											
	801	RENK	230	9	35	01	0	3	Cu		40	24	16
	802	ROSEIRES											
	771	EL OBEID	70	7	30	02	0	0	—	2.2	40	5	-6
	760	EL FÂSHER	70	13	30	02	2	8	CS		39	13	6
	770	GENEINA	130	3	30	03	2	8	Cu, CS		39	8	-2
S. Sudan	840	MALAKÂL	20	5	30	03	2	4	Cu	3.6	38	27	16
	880	WÂU	130	5	50	03	1	8	Cu, AC	3.5	37	29	16
	941	JUBA	180	2	50	03	1	3	Cu, Ci	4.8	32	56	22

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	40	5	15	50	5	8	AS, CS		21	83	18	dr.
SÎDI BARÂNI		9	18	01	6	5	AC, Ci		20	73	15	dr.
MATRÛH	50	7	14	02	2	6	AC	12.0	21	74	16	0
EL DABA	40	9	7	03	2	8	St		21	83	18	0
ALEXANDRIA	40	22	35	03	2	4	CC				18	0
FOUAD (Airport)	20	12	12	01	2	5	Ci	12.0	21	78	17	0
DAMIETTA	20	2	7	00	0	0	—	11.5	22	74	17	0
PORT SA'ÎD	40	17	14	02	2	6	CS	11.9			19	0
EL 'ARISH												
DAMANHUR												
MANSURA	360	9		00	0	0	—	12.2	23	65	16	0
TANTA	00	0	35	02	0	0	—	10.6	26	55	16	0
ZAGAZIG	40	3	35	02	0	0	—	12.3	24	69	18	0
ISMA'ÎLIA												
FAROUK (Airport)	70	17	12	01	2	5	AS	11.1	27	42	13	0
ALMAZA	40	28	12	02	2	7	AS, CS	10.3	28	33	10	0
EZBEKÎYA	60	9	12	01	1	2	AC	10.8	27	42	13	0
GÎZA	60	9	12	01	1	2	AC	10.7	29	35	12	0
HELWÂN												
FAIYÛM	00	0	35	01	0	0	—	9.3	30	29	10	0
MINYA	00	0	8	01	2	2	Ci	8.5	30	33	12	0
ASYÛT MANQABÂD	280	3	14	01	1	1	CS	8.3	32	20	6	0
NAG' HAMMÂDI												
QENA												
LUXOR												
ASWÂN												
SÎWA	80	6		01	2	5	AC	8.4	30	25	8	0
BAHARÎYA	00	0	15	03	1	5	AC	9.5	32			0
FARAFRA	40	4	15	02	2	6	AC	8.7	34	27	12	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	9.4	36	13	4	0
SUEZ												
TÛR	180	5	15	02	0	0	—	7.6	27	35	10	0
HURGHADA												
QUSEIR												
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 Saturday 17th May, 1952

Station	Wind 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	9	15	01	0	4	Sc, AC			20	24	-3	17	0	64	13	dr.	Rain	
SÎDI BARÂNI	330	14	18	01	6	5	AC, Ci	10.4		21	23		17		57	12	0.2	115	
MATRÛH	20	10	14	01	6	8	AS	10.8	-3.1	17	27		15		88	15	2	134	
EL DABA	320	12	15	03	2	8	St			20	24		19		83	17	0	214	
ALEXANDRIA	360	19	50	03	5	7	Sc	10.7	3.2	21	24	-2	19	+1	83	18	dr.	166	185
FOUAD (Airport)	360	17	14	21	6	7	AC	9.4	-3.9	22	27	0	18	+1	78	18	0.5	Rain	138
DAMIETTA	40	2	15	03	0	4	AC	9.3	-4.0	23	27	0	18	0	65	16	0	171	105
PORT SA'ÎD	60	17	14	01	2	4	Ci	6.7	-6.5	22	25	-1	21	+1	69	16	0	92	
EL 'ARISH	360	2	30	03	2	7	CS	7.1	-6.3	23			17		65	16	0	101	
DAMANHUR	40	13	15	02	1	3	AC	9.5	-4.2	23			15	-1	74	18	0	87	100
MANSURA	40	9	35	03	2	4	Cu	7.5	-6.0	23	33	+1	19	+3	65	16	0	62	54
TANTA	90	2	7	03	6	8	St	7.7	-6.1	23	33	+1	19	+4	65	16	dr.	65	42
ZAGAZIG	40	2	35	01	2		Cu	6.7	-7.0	24	35	+3	18	+3	69	18	0	30	27
ISMA'ÎLIA																			
FAROUK (Airport)	70	10	13	03	2	8	AC, Ci	7.4		24	36		20		61	16	0	83	
ALMAZA	40	10	12	03	2	8	Cu, AC	7.2	-5.8	24	36	+3	19	+1	61	16	0	71	
EZBEKÎYA	350	5	12	03	2	8	AC, CS	6.8	-6.4	24	36	+3	19	+2	61	16	0	61	25
GÎZA	350	5	12	03	2	8	AC, CS	6.6	-6.6	23	36	+4	21	+6	65	16	0	58	25
HELWÂN																			28
FAIYÛM	00	0	35	03	2	8	AS	6.8	-6.1	26	37	+3	21	+4	55	16	0	23	8
MINYA	150	2		02	1	2	Ci	5.7	-7.2	30	41	+5	21	+4	29	10	0	5	
ASYÛT MANQABÂD	100	4	12	00	0	0	—	6.5	-5.6	33	42	+5	26	+6	19	6	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	7.9	-3.0	28			20	+1	58	19	0	0.1	
QENA	00	0	35	00	0	0	—	8.8	-1.8	29			22	+2	29	9	0	2	
LUXOR	00	0	30	00	0	0	—	7.6	-2.9	33			22		34	15	0	dr.	
ASWÂN	340	3	50	00	0	0	—	8.3	-2.3	31			26	+2	28	10	0	dr.	
SÎWA	40	14	14	00	0	0	—	10.6	-3.7	22	34	0	21	+5	47	10	0	26	8
BAHARÎYA	180	5	35	03	2	6	Ac	6.2	-7.2	30	38	+4	27	+10	38	14	0	1	7
FARAFRA	200	3	15	02	2	6	Cu, AC	7.0		31	41		26		31	12	0	Rain	
DAKHLA	340	5	50	01	0	3	Ci	7.0	-5.1	29			21?	+2	14	-1?	0	dr.	
KHARGA	00	0	35	00	0	0	—	7.4	-3.7	32	43	+5	25	+4	34	14	0	dr.	
SUEZ	220	4	35	00	0	6	SC	6.3	-6.3	25			20	+1	54	15	0	44	17
TÛR	270	2	35	02	1	0	—			29			20	0	66	22	0	1	13
HURGHADA							—												
QUSEIR	160	2	15	02	0	0	—	8.6	-1.8	29			23	-1	46	16	0	dr.	4
PORT SÛDÂN	120	6	30	02	0	0		8.3		33	37		23		50	21	0	211	96
WÂDI HALFA	160	15	30	03	0	4	CS	7.1		33			24		10	-2	0	dr.	
ABU HAMAD	360	2	50	00	0	0	—			31	44		22		17	3	0		
KAREIMA																			1
'ATBARA																			5
KHARTÛM	90	13	30	01	0	1	AC	5.6		35	44		26		25	12	0	0.6	6
KASSALA	90	2	30	02	0	0	—	4.6		36	44		29		18	8	0	49	18
WÂD MEDANI																			19
RENK																			71
ROSEIRES																			82
EL OBEID																			26
EL FÂSHER																			11
GENEINA																			18
MALAKÂL	180	4	30	01	2	6	AC, Ci	7.7		29	39		26		59	20	dr.	167	156
WÂU	230	3	30	01	2	7	AC	8.0		25	37		25		79	21	21	271	301
JUBA	180	9	30	03	1	7	AC, CS	9.3		27	33		24		74	22	0	395	390

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	71	0
Ezbekiya	41	-9
Giza	35	-15
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 17th 20.5 °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.	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 16th

Station	Matrûh		Port Said		Fouad Air.		El 'Arish		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada						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	70	9	40	14	20	13	20	14	320	10	290	6	110	6	290	7	360	3	140	24					60	8
600	70	23	10	12	50	5	20	11	320	4	290	9	130	8	290	5	300	4	140	27					30	4
1000	30	10	10	5	130	5	40	3	310	5	280	11	120	9	290	9	310	2	140	20					250	3
1500	240	5	210	9	240	9	220	11	300	7	280	7	110	5	290	10			150	4					250	9
2000	240	17	240	14			240	19			270	10	290	11	280	11										
3000			270	22			250	5			270	15	230	23	260	11										
4000													230	35	250	10										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time	8		8				2		6				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			10	4			80	19	10	7			140	16	170	16	200	5	210	5				
600	310	16	340	12			80	23	100	6			160	19	170	20	160	14	130	13				
1000	310	14	320	22			80	21	220	22			170	17	170	29	210	4	130	18				
1500	310	19	290	19			120	16	220	22					200	26	190	19	150	8				
2000			280	30			180	15	220	23					200	45	220	47	220	6				
3000							190	9	240	39														
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																	
Height m.	Dir.	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	22	360	33	180	5	170	11																
600	10	25	360	31	180	12	150	23																
1000	10	20			180	21	130	23																
1500	30	13			190	46	190	11																
2000	300	16																						
3000	290	23																						
4000	240	43																						
5000	260	42																						
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.

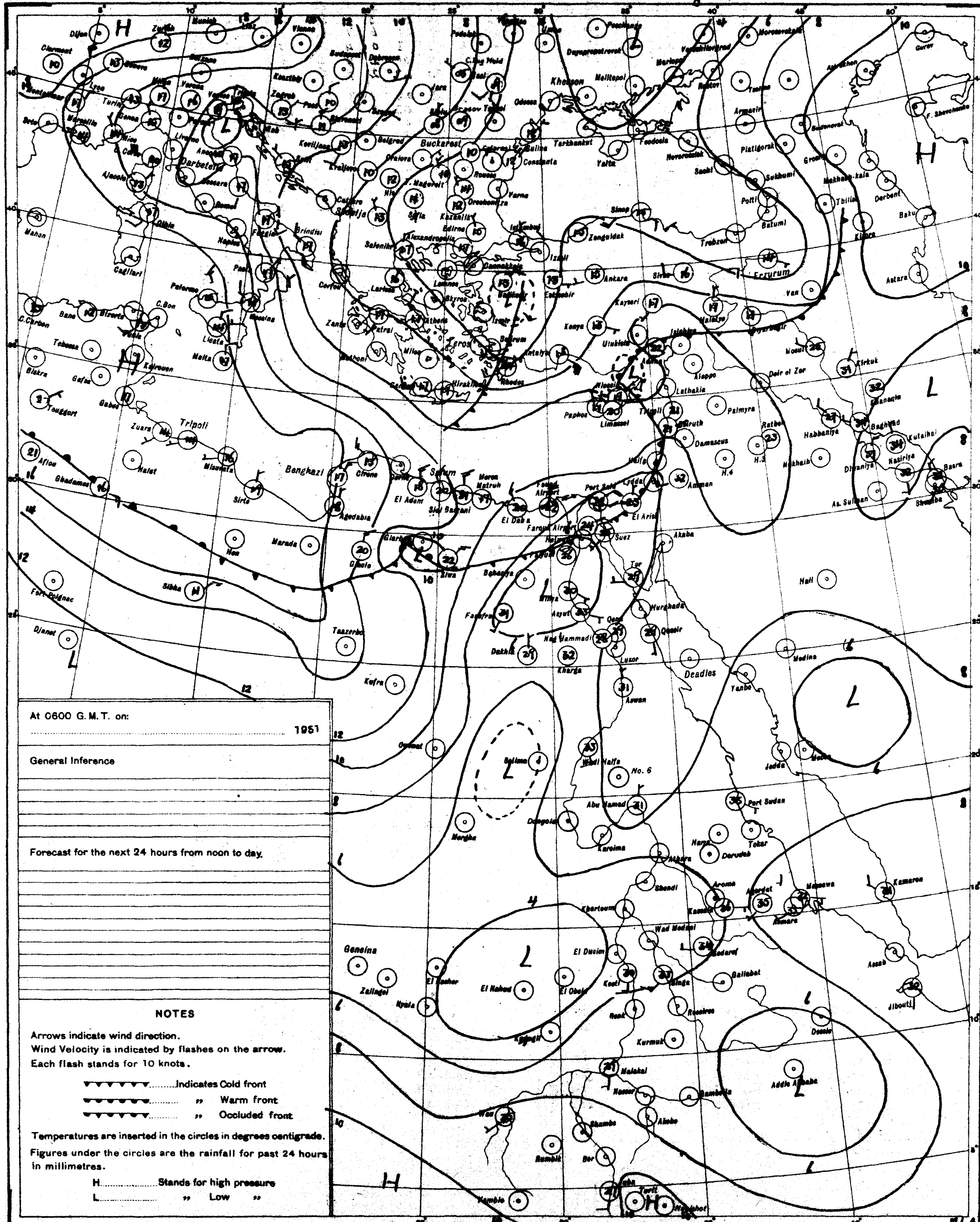
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 17/5/1952



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(65/567) (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 7 F.

DAILY WEATHER REPORT

Date: Sunday 18th May, 1951 2

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.	Rain past 12 hrs mms.
MEDITERRANEAN	62300	SALUM	320	13	35	03	1	3	Cu	11.0	23	38	8	
	303	SIDI BARANI	320	18	30	02	1	1	Cu	10.7	22	50	11	
	306	MATRUH	290	10		03	1	3	Cu	10.7	23	57	14	
	309	EL DABA	340	6	35	02	1	4	Cb		23	50	12	
		ALEXANDRIA	360	13	50	02	2	6	CC	9.3	21	74	16	
	318	FOUAD (Airport)	30	8	18	01	1	6	Sc.Ac	8.8	25	54	15	
	330	DAMIETTA	360	24	3	03	3	8	Cu.Sc	8.7	21	74	16	
	333	PORT SAID	30	26	12	01	2	6	Sc	8.4	22	74	17	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHUR	40	13	15	02	1	6	Ac	9.4	23	65	16	
	342	MANSURA	40	13	15	03	2	8	St	9.0	24	54	14	
	348	TANTA	40	13	35	03	2	6	As	8.7	23	61	15	
	354	ZAGAZIG	40	2	50	03	1	6	Cu		27	55	17	
	440	ISMA'ILIA												
CAIRO AREA	366	FAROUK (Airport)	20	23	10	05	2	6	Sc	6.8	28	33	16	
	372	ALMAZA	360	18	18	02	2	7	As	7.0	26	61	15	
		EZBEKIYA	20	10	14	03	2	8	Sc.ac	6.6	27	48	15	
		GIZA	20	10	14	03	2	8	Sc.ac	6.8	28	40	13	
	378	HELWAN	360	21	7	03	6	8	Sc.Ac	7.0	29	35	12	
UPPER EGYPT	381	FAIYUM	360	8	35	01	2	6	As	6.3	34	32	15	
	387	MINYA	220	16	8	03	2	8	Ac	0.9	42	6	-2	
	393	ASYUT MANQABAD	200	18	7	07	2	6	Ac.Cs	1.7	44	9	4	
	399	NAG' HAMMADI			15	04	0		ac	4.7	42	12	7	
	402	QENA	160	1	50	03	1	4	Ci	5.1	44	12	8	
	405	LUXOR												
	414	ASWAN	250	3	50	00	0	0	—	4.0	43	8	1	
OASES	417	SIWA	290	10	14	00	0	0	—	10.8	30	25	8	
	420	BAHARIYA	320	2	35	03	2	7	Ac	5.5				
	423	FARAFRA	340	18	15	31	3	8	Ac	5.3				
	432	DAKHLA	220	28	3	05	3	5	Cc	2.8	44	7	0	
	435	KHARGA	220	16	7	01	2	6	Ci	4.4	44	9	4	
RED SEA	450	SUEZ	310	8	50	02	0	6	Sc	4.0	31	29	11	
	459	TOR	180	9	15	03	2	7	As	3.6	29	43	15	
	462	HURGHADA	70	14	30	03	1	6	Cs	4.8	30	55	20	
	465	QUSEIR	120	5	15	03	1	3	Ci	8.0	30	70	24	
	641	PORT SUDAN	40	12	30	02	0	0	—				18	
NORTH SUDAN	600	WADI HALFA		22	30	03	0		Cs	3.4	44	7	0	
	640	ABU HAMAD	120	2	30	02	0	0	—				6	
	660	KAREIMA												
	680	'ATBARA	340	7	30	03	0	2	Ac.Ci	0.6				
	721	KHARTUM												
	730	KASSALA	320	3	30	03	0	1	Cu	998.5	43	25	19	
CENTRAL SUDAN	751	WAD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID	340	6	30	03	0	2	Ci.Ac	0.9	42	9	3	
	760	EL FASHER	70	6	30	02	2	8			40	11	4	
	770	GENEINA	80	5	30	02	2	8					2	
S. SUDAN	840	MALAKAL												
	880	WAU												
	941	JUBA												

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.
SALUM	290	5	15	00	0	0	—	11.5	20	56	11	0
SIDI BARANI	300	13	18	03	1	5	Cu	11.1	19	56	10	0
MATRUH	280	10	15	03	5	3	Sc	11.6	19	64	12	1
EL DABA	320	8	7	00	0	0	—		20	56	11	0
ALEXANDRIA	310	14	35	02	1	3	Cu	10.4	20	83	17	0
FOUAD (Airport)	300	9	12	02	1	3	Sc	10.7	20	73	15	0
DAMIETTA	340	2		01	1	3	Cu	10.0	20	73	15	0
PORT SAID	50	9	14	01	0	0	—	8.7	21	74	16	0
EL 'ARISH												
DAMANHUR	40	9	15	02	0	0	—	10.2	22	65	15	0
MANSURA	40	5		00	1	0	—	10.7	21	65	14	0
TANTA	00	0	35	02	1	0	—	10.6	20	64	13	0
ZAGAZIG	00	0	35	02	1	0	—	9.6	21	74	16	0
FAROUK (Airport)	40	12	12	01	2	0	—	9.6	21	61	13	0
ALMAZA	50	15	14	01	2	0	—	9.8	21	65	14	0
EZBEKIYA	30	6	12	00	5	1	Ci	9.2	21	65	14	dr
GIZA	30	6	12	00	5	1	Ci	9.4	22	57	13	dr.
HELWAN	360	16	7	21	6	2	Ns	9.4	21	57	12	dr.
FAIYUM	360	6	35	03	2	6	As	8.8	22	57	13	0
MINYA	360	21	3	03	2	8	Ac		32	36	15	0
ASYUT MANQABAD	320	13	6	07	2	6	Ac	5.1	33	28	12	0
NAG' HAMMADI	00	0	15	03	2	6	Sc.Cu	2.4	33	30	13	0
QENA	160	1	7	02	1	4	Ci	2.7	36	20	10	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	3.8	38	13	5	0
SIWA	300	6	10	00	0	0	—	11.5	26	25	4	0
BAHARIYA	360	2	15	02	2	0	—	8.6	25	47	13	0
FARAFRA	360	5	7	02	3	0	—	9.3	27	52	16	0
DAKHLA	340	23	0.8	32	3	9		4.6	32	20	6	0
KHARGA	360	19	3	07	3	0	—	4.3	38	9	0	0
SUEZ	310	6	15	01	0	1	Sc	7.6	21	74	16	0
TOR	140	19	7	09	2	8	As				16	0
HURGHADA	80	8	12	02	0	0	—				19	0
QUSEIR	120	2	15	01	1	2	Ci	5.1	29	59	20	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Sunday 18th May, 1952

Station	Wind 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	0	—	12.4	-0.6	19	24	-3	15	-2	52	9	0	Rain	
SIDI BARANI	270	18	18	02	1	3	Sc	11.7		20	24		18		56	11	0	115	
MATRUH	260	12	18	01	1	1	Cu	12.1	-1.8	20	23		14		64	13	1	135	
EL DABA	270	5	15	00	0	0				21	24		14		57	12	0	214	
ALEXANDRIA	220	12	50	03	2	5	St	12.2	-1.7	20	23	-3	18	0	88	18	0	166	185
FOUAD (Airport)	280	9	18	02	1	7	Cu.Sc	12.2	-1.1	21	27	0	17	0	65	14	dr.	Rain	138
DAMIETTA	140	5	7	03	1	5	Cu	12.7	-0.6	22	24	-3	15	-3	65	15	0	171	105
PORT SAID	270	9	12	01	0	1	Sc	11.0	-2.1	21	23	-3	18	-2	65	14	0	92	
EL 'ARISH																			
DAMANHUR	310	9	15	02	1	2	Cu	12.2	-1.5	22	24	-6	15	-1	65	15	0	87	100
MANSURA	220	3	35	00	0	0	—	12.6	-0.8	21	27	-5	14	-2	65	14	0	62	54
TANTA	00	0	35	02	0	0	—	13.1	-0.7	20	27	-5	13	-2	73	15	0	65	42
ZAGAZIG	00	0	35	02	0	0	—	12.6	-1.1	22	27	-5	14	-1	65	15	0	30	27
FAROUK (Airport)	340	3	12	03	0	1	Cu	13.5		20	30		16		60	12	dr.	83	
ALMAZA	320	3	12	00	0	1	Cu	13.5	+0.5	20	30	-3	17	-1	64	13	0	71	
EZBEKIYA	00	0	10	00	0	1	Cu	12.7	-0.4	22	30	-3	17	0	57	13	dr	61	25
GIZA	00	0	10	00	0	1	Cu	13.3	+0.2	21	31	-1	14	-1	57	12	dr.	58	25
HELWAN	340	5	3	01	1	1	St	13.0	0.0	20	32	0	16	-2	56	11	dr.	59	28
FAIYUM	360	4	35	01	1	1	Ci	13.2	+0.3	21	35	+1	16	-1	57	12	0	23	8
MINYA	350	13	8	02	1	3	Cu	12.7	-0.2	20	44	+8	16	-1	60	12	0	5	
ASYUT MANQABAD	340	8	18	00	0	0	—	12.1	0.0	22	44	+7	18	-2	57	13	0	3	
NAG' HAMMADI	340	2	7	07	0	0	—	10.3	-0.6	27	43	+6	23	+4	33	9	0	0.1	
QENA	40	1	15	03	1	7	Ci	8.7	-1.9	29	44	+6	24	+3	29	9	0	2	
LUXOR																			
ASWAN	360	9	15	09	3	0	—	6.8	-3.8	31	44	+5	28	+4	31	12	0	dr.	
SIWA	00	0	14	00	0	0	—	15.9	+0.6	21	31	-3	14	-2	50	10	0	26	8
BAHARIYA	40	2	35	02	0	0	—	13.6	+0.3	20	38	+3	16	-1	56	11	0	1	7
FARAFRA	20	2	35	02	0	0	—	13.8		21	40		16		65	14	0	Rain	
DAKHLA	320	8	35	00	0	0	—	13.0	+0.9	24	45	+7	20	0	38	9	0	dr.	
KHARGA	360	13		00	0	0	—	10.8	-0.3	24	45	+7	22	+1	38	9	0	dr.	
SUEZ	360	6	35	00	0	3	Cu	11.0	-1.5	21	34	+1	16	-3	74	16	0	44	17
TOR	340	13	7	30	3	0	—	8.2	-2.3	24			22	+2	69	18	0	1	13
HURGHADA	320	29	14	03	0	3	Sc			24	32	+3	23	+2	57	15	0	Rain	
QUSEIR	360	13	15	00	0	0	—	6.6	-3.9	27	31	0	25	+1	52	16	0	Rain	4
PORT SUDAN	40	2	30	01	0	0	—	5.7		27	33		23		89	22	0	211	97
WADI HALFA		19		05	0	0	—	8.0		30	45		25		31	11	0	dr.	
ABU HAMAD		9	35	02	0	0	—			36	43		27				0		
KAREIMA	60	4	40	02	0	0	—	5.4		32	44		24		20	6	0	dr.	1
'ATBARA	100	7	30	03	0	0	—	4.6		34	44		26		6	-8	0	dr.	5
KHARTUM		8		05	1		Ac	3.5		35	45		27			-7	0	0.6	6
KASSALA	180	6	30		0	0	—	4.8		34	44		28		32	15	0	49	19
WAD MEDANI	300		35	02	3	8		7.1		33	43						9	29	20
RENK																			72
ROSEIRES																			84
EL OBEID	250	13	15	03		7		5.4			42		20				0	15	27
EL FASHER	130	6	15	02	2	8	Cs			28			22		25	6	0	13	12
GENEINA	230	7	15	02	3	8	Cs			27	40		24		45	14	0		19
MALAKAL																			159
WAU	200	7	30	02	1	7	Ac.Cs	7.9		25	35		22		74	20	0.5	Rain	305
JUBA																			795

HUMIDITY % Mean of day

Station	on 17th	Diff. from normal
Alexandria	81	+10
Ezbekiya	61	+11
Giza	61	+11
Helwan	51	+13

GIZA GRASS MINIMUM TEMP. ON 18th 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					

AIRPORT — On ..... At .....

Pressure 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.	Matruh Dir.	Matruh 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. Barani Dir.	S. Barani Vel.	Dir.	Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.	Fouad A* Dir.	Fouad A* Vel.	Almaza Dir.	Almaza Vel.
Time	14		14		14		14		14		14		14		14				20		20		20		20	
300	310	17	340	22	260	27	330	19	280	30	240	27	160	10	310	21			360	21	340	11	310	15	40	17
600	300	17	320	25	260	47	330	22	280	18	240	31	180	13	310	23			10	31	340	7	310	15	10	17
1000	300	17	340	30	250	50	310	23	260	27	250	31	170	11	310	24			360	16	350	12	290	17	10	21
1500							300	20							300	23			320	20	310	16				
2000							300	22													280	26				
3000							300	32																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

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		4								7 45		8		8				8					
300	290	19	300	17							310	12	10	8	350	27			360	15				
600	280	11	300	17							340	12	340	9	350	15			360	14				
1000	280	21	300	16							350	9	320	18	340	23			350	18				
1500	310	24	300	23							10	8							40	5				
2000	310	23									320	13												
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		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			30	23	10	21	10	23																
600			40	25	10	27	10	29																
1000	350	10	210	8	10	17	20	27																
1500	290	16			350	19																		
2000	300	21																						
3000	300	22																						
4000	300	27																						
5000	280	25																						
6000	290	28																						
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.

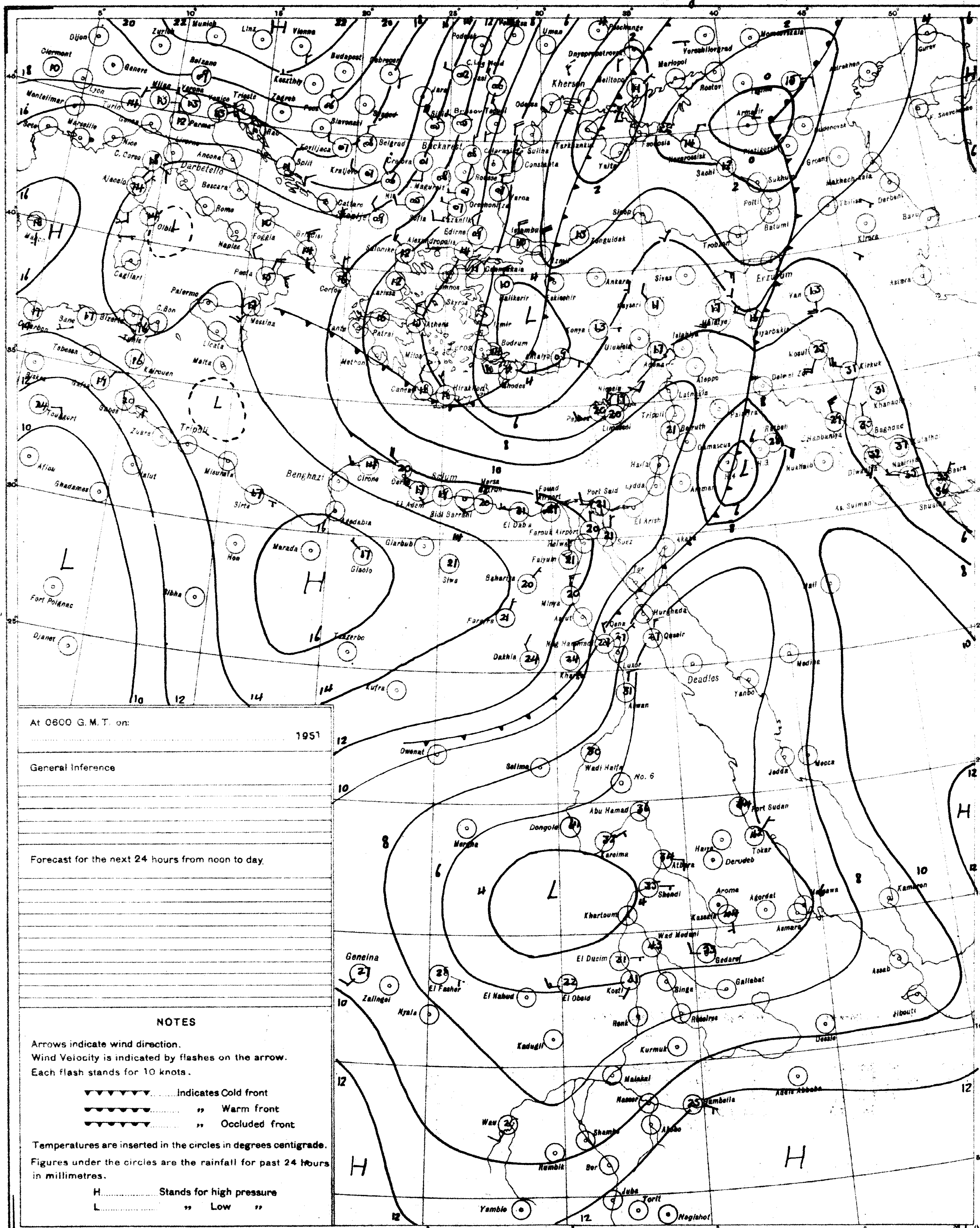
Note: All times are G.M.T.

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 Sunday 18/5/1952



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 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 19th May, 1951 2

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	360	9	35	00	1	2	Cu	11.8	25	47	13
	303	SĪDI BARĀNI	320	9	30	00	0	0	—		23	57	14
	306	MATRŪH	320	15	30	01	0	0	—	12.9	22	57	13
	309	EL DABʻA	320	7	35	00	0	0	—		23	50	12
		ALEXANDRIA	270	18	50	02	2	3	Cu	12.6	22	57	13
	318	FOUAD (Airport)	280	18	18	02	2	3	Sc	12.3	23	57	14
	330	DAMIETTA	320	5	35	01	1	1	Cu	11.8	23	50	12
	333	PORT SAʻĪD	360	14	30	01	0	1	Sc	10.7	23	57	14
	336	EL ʻARISH											
Lower Egypt	339	DAMANHŪR	310	9	15	02	1	1	Cu	12.0	26	48	14
	342	MANṢŪRA	360	5	35	03	2	4	Cu	11.4	28	40	13
	348	TANTA	00	0	35	03	2	5	Cu	11.6	28	40	13
	354	ZAGAZIG	40	10	50	01	2	4	Cu	11.6	28	52	17
	440	ISMAʻILIA											
Cairo Area	366	FAROUK (Airport)	340	12	18	01	1	1	Cu	12.8	26	35	9
	372	ALMĀZA	320	11	18	01	1	1	Cu	11.6	27	37	11
		EZBEKĪYA	340	5	30	00	0	0	—	11.0	28	29	8
		GĪZA	340	5	30	00	0	0	—	12.0	28	27	7
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	360	4	35	01	0	0	—	11.0	28	27	7
	387	MINYA	350	8	10	00	0	0	—	10.5	28	25	6
	393	ASYŪT MANQABĀD	330	14	18	00	0	0	—	10.1	29	19	3
	399	NAGʻ HAMMĀDI	360	1	15	00	0	0	—	9.1	32	24	9
	402	QENA	70	1	50	01	1	4	Ci	6.8	37	14	6
	405	LUXOR	340	8	30	02	2	4	AC	5.9	36	15	6
	414	ASWĀN	360	9	15	00	0	0	—	4.4	38	13	5
Oases	417	SĪWA	340	9	14	00	0	0	—	13.8	28	20	3
	420	BAHARĪYA	360	2	35	02	0	0	—	12.2	28		
	423	FARAFRA	360	4	35	02	0	0	—	12.7	29		
	432	DAKHLA	320	8	15	00	0	0	—	11.2	30	25	8
	435	KHARGA	360	9	7	00	0	0	—	9.8	31	22	7
Red Sea	450	SUEZ	360	4	50	01	0	0	—	10.2	27	33	9
	459	TŌR											
	462	HURGHADA	340	27	15	01	0	0	—	5.2	27	42	13
	465	QUSEIR	360	19	15	03	1	3	As	5.2	28	62	20
	641	PORT SŪDĀN	20	11	30	03	0	1	Cu	3.6	35	37	18
North Sūdān	600	WĀDI HALFA	360	15	7	05	0	0	—	4.4	41	11	5
	640	ABU HAMAD	180	2	30	02	0	0	—		44	13	10
	660	KAREIMA	270	2	30	02	0	0	—	0.9	44	13	9
	680	ʻATBARA											
	721	KHARTŪM											
	730	KASSALA											
Central Sūdān	751	WĀD MEDANI	360	9	35	02	2	7	Cu	0.2	42	11	5
	801	RENK											
	802	ROSEIRES	230	2	35	02	1	4	Cu	0.9	36	31	16
	771	EL OBEID	270	7	30	02	2	7	Cb, Cs	0.1	39	20	12
	760	EL FASHER	00	0	30	02	2	8	Cs		39	23	14
	770	GENEINA	250	10	30	02	1	8	Cu, Cs		34	34	16
S. Sūdān	840	MALAKĀL	120	10	4	95	9	8	Cb, Ac	10.4			22
	880	WAU	230	8	30	81		7	Ac Ci	6.1	33	47	20
	941	JUBA	320	5	50	01	9	7	Cb, Cs	7.3	27	74	22

At 1800 on Sunday 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	340	5	15	03	1	4	Cs	12.7	20	64	13	0
SĪDI BARĀNI	340	6	18	02	1	2	Cs		20	60	12	0
MATRŪH	300	10	18	01	1	2	Ci	12.6	20	69	14	0
EL DABʻA												
ALEXANDRIA	310	11	35	03	2	4	AC	12.4	20	73	15	dr.
FOUAD (Airport)	320	8	12	03	0	3	Sc, Ci	12.7	20	73	18	0
DAMIETTA	320	5	7	00	0	0	—	12.0	20	64	13	0
PORT SAʻĪD	340	13	18	02	0	0	—	11.9	21	74	16	0
EL ʻARISH												
DAMANHŪR	310	9	15	02	0	0	—	12.3	21	74	16	0
MANṢŪRA	320	5		00	1	0	—	12.7	21	65	14	0
TANTA	00	0	35	01	1	3	Cu	13.0	21	65	14	0
ZAGAZIG	320	1	35	02	1	0	—	12.3	22	57	13	0
ISMAʻILIA												
FAROUK (Airport)	340	14	12	00	0	0	—	12.7	23	44	10	0
ALMĀZA	350	12	14	01	1	2	Ci	12.1	23	50	12	0
EZBEKĪYA	360	3	12	00	0	0	—	12.7	23	47	11	0
GĪZA	360	3	12	00	0	0	—	13.1	23	50	12	0
HELWĀN												
FAIYŪM	360	8	35	02	0	0	—	10.8	24	38	9	0
MINYA	340	1	8	00	0	0	—	10.3	22	36	6	0
ASYŪT MANQABĀD	360	3	12	00	0	0	—	10.5	24	32	6	0
NAGʻ HAMMĀDI	290	1	7	01	0	3	AC	8.8	28	25	6	0
QENA	290	1	7	01	1	3	Ci	7.2	30	21	5	0
LUXOR												
ASWĀN	360	1	15	00	0	0	—	7.1	35	12	1	0
SĪWA	280	4	8	00	0	0	—	12.8	25	30	6	0
BAHARĪYA	00	0	15	02	0	0	—	12.7	24			0
FARAFRA	360	3	15	02	2	1	Cu	12.3	23			0
DAKHLA	320	9	35	00	0	0	—	11.1	26	18	0	0
KHARGA	00	0	15	00	0	0	—	11.5	28	22	4	0
SUEZ	360	9	15	02	0	0	—	11.5	23	50	12	0
TŌR												
HURGHADA	320	25	12	02	0	0	—	7.2	26	48	14	0
QUSEIR	330	13	15	01	1	2	Ci	7.9	27	52	16	0
PORT SŪDĀN												
WĀDI HALFA												
ABU HAMAD												
KAREIMA												
ʻATBARA												
KHARTŪM												
KASSALA												
WĀD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKĀL												
WAU												
JUBA												

At 0600 on Monday 19th May, 1952

Station	Wind 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	40	5	15	03	2	7	Cu, Ci	12.8	-0.2	21	27	0	16	-1	65	14	0	Rain	
SĪDI BARĀNI	210	2	18	02	1	2	AC	13.0		21	24		14		65	14	0	115	
MATRUH	220	3	18	01	0	2	Cu, AC	13.6	-0.3	21	23		14		65	14	0	135	
EL DABʻA																			
ALEXANDRIA	00	0	50	02	2	5	Cu	13.8	-0.1	20	24	-2	18	0	73	15	dr.	166	185
FOUAD (Airport)	00	0	18	02	1	5	Sc	13.5	+0.3	21	25	-2	15	-2	65	14	0	Rain	138
DAMIETTA	220	2	7	03	1	5	Cu, AC	12.8	-0.4	22	23	-4	16	-2	65	15	0	171	105
PORT SAʻĪD	270	5	14	03	1	6	Sc, Ci	12.8	-0.3	22	25	-1	19	-1	65	15	0	92	
EL ʻARISH	160	3	30	03	1	4	Cu, Cs	13.0	-0.3	23			14		57	14	0	101	
DAMANHŪR	360	2	50	00	0	0	—	13.4	-0.3	24	27	-3	15	-1	47	12	0	87	100
MANSŪRA	180	3	35	02	1	2	AS	14.0	+0.6	22	28	-4	15	-1	65	15	0	62	54
TANTA	00	0	35	01	1	4	Cu	12.5	-0.2	22	28	-5	13	-2	65	15	0	65	42
ZAGAZIG	00	0	35	03	1	4	Cu	13.9	+0.3	20	29	-3	15	0	83	17	0	30	27
ISMAʻILIA																			
FAROUK (Airport)	70	7	12	02	0	3	Ci	13.7		21	28		17		65	14	0	83	
ALMĀZA	90	9	12	03	1	3	Ci	13.6	+0.7	21	28	-5	17	-1	65	14	0	71	
EZBEKIYA	00	0	12	02	1	6	Ci	13.1	0.0	24	29	-4	17	0	47	12	0	61	25
GĪZA	00	0	12	02	1	6	Ci	12.8	-0.3	22	29	-4	14	-1	57	13	0	58	25
HELWĀN																			28
FAIYŪM	360	6	35	03	1	3	Ci	13.6	+0.7	21	29	-5	16	-1	65	14	0	23	8
MINYA	350	6	10	00	0	0	—	13.4	+0.6	21	30	-6	15	-2	67	13	0	5	
ASYŪT MANQABĀD	30	3	12	00	0	0	—	12.9	+0.9	22	31	-6	16	-4	53	12	0	3	
NAGʻ HAMMĀDI											33	-4							
QENA	290	2	35	00	0	0	—	10.8	+0.3	24	37	-2	19	-2			0	2	
LUXOR																			
ASWĀN	360	6	50	00	0	0	—	11.1	+0.6	26	39	0	22	-2	18	0	0	dr.	
SĪWA	120	5	14	02	0	1	Ci	14.2	0.0	21	29	-5	16	0	50	10	0	26	8
BAHARĪYA	90	2	35	02	0	0	—	13.8	+0.5	22	29	-6	15	-2	50	11	0	1	7
FARAFRA	40	2	35	02	0	0	—	14.2		22	30				50	11	0	Rain	
DAKHLA	00	0	50	00	0	0	—	13.3	+1.3	26	31	-7	19	-1	28	6	0	dr.	
KHARGA	360	1	15	00	0	0	—	12.4	+1.3	23	32	-6	18	-4	44	10	0	dr.	
SUEZ	360	4	35	00	0	0	—	12.3	-0.2	21	29	-4	15	-4	65	14	0	44	17
TŌR																			13
HURGHADA	330	27	30	02	0	0	—	9.2	-1.1	23	27	-2	19	-2	57	14	0	Rain	
QUSEIR	330	19	15	02	0	0	—	9.6?	-0.9	26	29	-2	24	0	55	16	0	Rain	4
PORT SŪDĀN																			97
WĀDI HALFA																			
ABU HAMAD																			
KAREIMA																			2
ʻATBARA	360	12	10	05	2	8	CS	4.2		33	45		27		13	1	0	dr.	5
KHARTŪM	220	14	30	02	2	8	CS	6.2		30	44		28		43	16	0	0.6	6
KASSALA	250	4	30	03	2	6	CS	6.0		33	44		28		34	15	0	49	19
WĀD MEDANI	230	9	35	02	2	8	Cc	6.1		32	43		25		41	17	0	29	20
RENK																			73
ROSEIRES																			87
EL OBEID	290	7	30	01	2	7	Cs	8.5		27	40		24		52	16	dr.	15	28
EL FĀSHER	220	17	10	07	3	8	Cu, CS			25	41		22		70	19	0	13	12
GENEINA	150	10	30	02	2	8	AC			27	36		24		58	18	0		19
MALAKĀL	160	6	30	02	2	8	AC, CS	11.2		23	35		20		94	22	30	197	162
WAU																			309
JUBA																			400

HUMIDITY % Mean of day

STATION	on 18th	Diff. from normal
Alexandria	72	+1
Ezbekiya	50	0
Giza	50	0
Helwan		

GĪZA
GRASS MINIMUM TEMP ON 19th 13.2 °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					

... AIRPORT — On ... At ...

Pressure 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	Fouad A.P.		P. Matruh		Minya		Asyut		Siwa		Dakhla		Kharga		S. Barani						Minya		Port Said		Fouad A.P.	
Time	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	300	21	310	14	350	25	320	23	280	8	350	18	10	24	330	17					10	22	330	10	310	18
600	320	27	360	17	350	20	330	20	330	12	350	17	10	27	320	22					220	19	340	10	310	20
1000	320	13	290	19	360	21	350	20	350	12	350	14	10	26	300	21					360	13	330	10	310	20
1500	310	13	280	22	340	11	360	21	340	16	10	10			300	17					10	15	310	11		
2000	290	10					290	18	360	12	10	10			260	21							270	14		
3000							260	28	50	5													270	20		
4000							320	53	270	17													240	11		
5000									270	30																
6000									270	21																
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʻīd		El ʻArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada		Almaza	
Time	8		4				2		5				2		8				8		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	320	2	320	5			320	2	170	4			350	9	350	20			360	13	330	25	50	11
600	270	3	320	6			320	3	60	4			340	10	350	10			240	11	340	16	60	13
1000	280	5	320	11			320	3	40	5			340	10	350	6			320	9			20	10
1500			280	16			320	3	320	12			360	12	360	13			260	14			10	11
2000			280	16					320	9					240	3			250	15			350	13
3000			270	16					260	22														
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time	8		8		8				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	110	15	120	2	10	13			10	20														
600	120	16	100	3	340	10			20	31														
1000	120	10	120	4	360	11			20	26											200	16		
1500	140	6	270	6	330	15			20	19											180	32		
2000	240	12	50	7	210	10															200	19		
3000	300	15	10	14					230	11											330	13		
4000																								
5000																								
6000																								
7000																								
8000																								

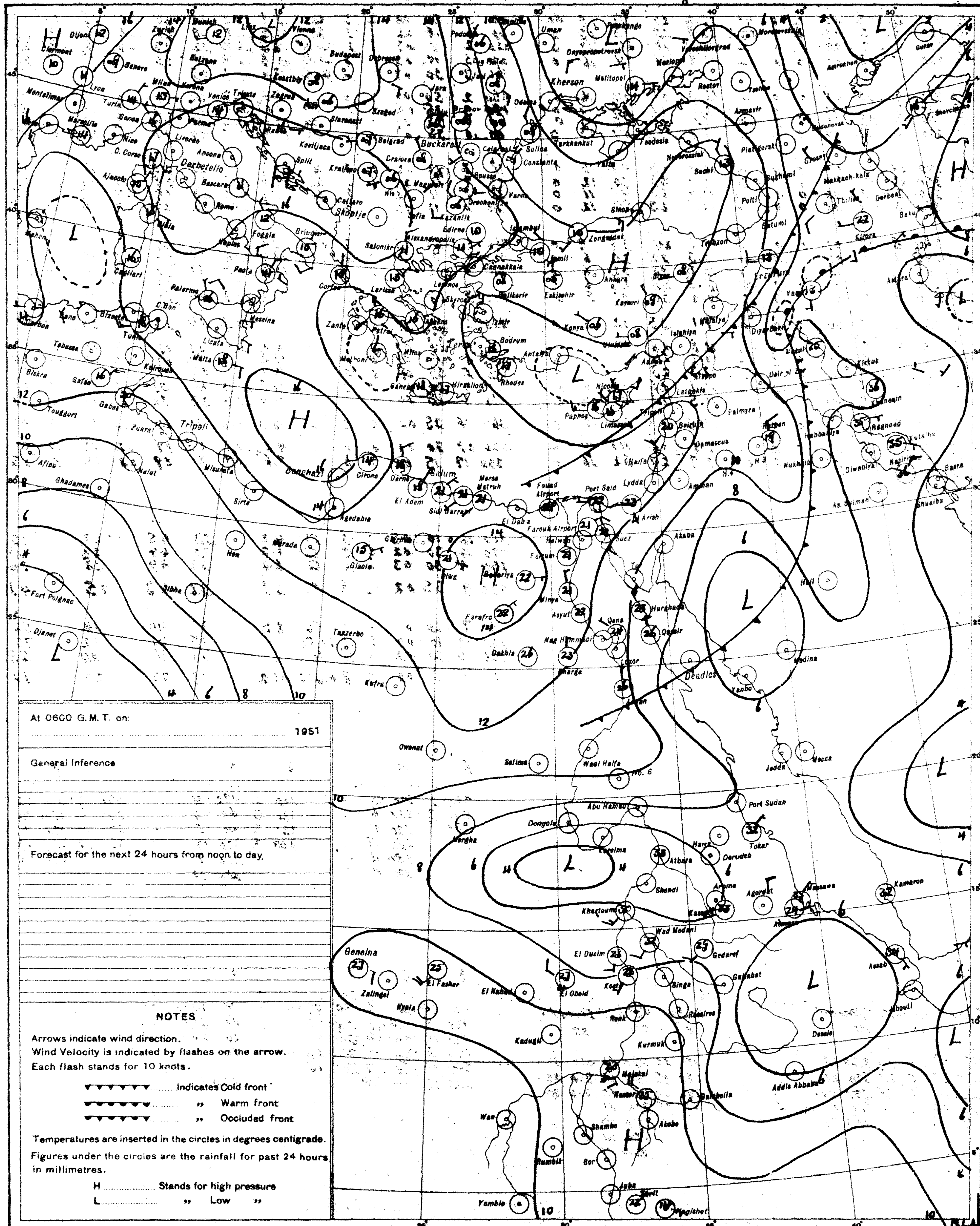
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Monday 19/5/ 1952



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(45/557) (50/531)

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: Tuesday 20th May, 1951 2

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	SALŪM	360	9	35	02	1	4	Cu, Ci	13.0	22	57	13
	303	SIDI BARĀNI			30	02	1		Cu, AC	13.2	22	53	12
	306	MATRŪH	10	8	30	02	1	2	Cu, Ci	14.2	22	57	13
	309	EL DABA	360	2	35	00	0	0	—		24	54	14
		ALEXANDRIA	360	17	50	00	0	0	—	13.9	22	57	13
	318	FOUAD (Airport)	320	12	18	02	1	0	—	13.7	22	61	14
	330	DAMIETTA	340	5	35	01	1	1	Cu	13.8	23	61	15
	333	PORT SA'ID	40	13	30	01	0	1	Ci	12.0	25	54	15
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	1	1	Cu	13.4	26	48	14
	342	MANSURA	320	5	35	02	1	3	Cu	12.7	29	29	9
	348	TANTA	220	5	35	01	1	3	Cu	12.7	28	40	13
	354	ZAGAZIG	320	1	50	01	1	3	Cu	12.3	29	35	12
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	320	10	30	03	2	3	Cu, AS	12.9	28	27	7
	372	ALMAZA	20	12	18	02	1	3	Cu, Ci	12.4	28	40	13
		EZBEKIYA	10	5	30	00	0	2	Cu	12.0	29	25	7
		GIZA	10	5	30	00	0	2	Cu	12.7	29	29	9
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	6	35	01	1	1	Ci	11.2	30	21	5
	387	MINYA	360	1	12	02	1	3	Ci	10.5	30	21	5
	393	ASYUT MANQABAD	320	12	30	02	1	2	Ci	10.2	31	17	3
	399	NAG' HAMMADI	290	1	35	00	0	0	—	9.9	32	28	11
	402	QENA	240	1	50	00	0	0	—	8.3	35	19	8
	405	LUXOR											
	414	ASWAN	340	6	50	00	0	0	—	7.2	35	12	1
Oases	417	SIWA											
	420	BAHARIYA	360	3	35	02	0	0	—	12.3	30	21	5
	423	FARAFRA	60	0	35	02	0	0	—	12.4	31	31	12
	432	DAKHLA	340	11	50	00	0	0	—	11.0	31	9	-6
	435	KHARGA	360	6	15	00	0	0	—	10.2	32	24	9
Red Sea	450	SUEZ	360	6	50	03	0	2	Cu	10.4	28	27	7
	459	TOR	310	13	15	01	1	1	Ci	9.3	26	55	16
	462	HURGHADA	10	21	30	02	0	0	—	8.0	26	55	6
	465	QUSEIR	20	13	15	02	0	0	—	6.0	26	74	21
	641	PORT SUDAN	50	13	30	03	0	1	Cu	5.3	33	63	25
North Sudan	600	WADI HALFA	360	2	30	01	0	3	—	6.9	37	10	0
	640	ABU HAMAD	340	9	30	02	2	7	Cu, CS		43	6	-2
	660	KAREIMA	360	14	30	03	1	5	CS	2.3	43	7	0
	680	'ATBARA	200	1	30	03	2	7	Cu, CS	0.2	44	11	7
	721	KHARTUM	240	2	30	02	2	8	CS	1.9	42	11	5
	730	KASSALA	220	4	30	03	2	6	Cu, CS	1.3	40	23	15
Central Sudan	751	WAD MEDANI	230	9	35	02	2	8	Cc	2.6	39	23	14
	801	RENK	180	19	35	02	2	7	AC		36	31	16
	802	ROSEIRES	230	9	35	02	1	3	Ci	5.0	35	30	15
	771	EL OBEID	320	10		01	2	2	Ci	3.3	39	15	8
	760	EL FASHER	30	5	30	02	2	8	AC, CS		37	24	13
	770	GENEINA	280	9	30	02	2	8	Cu, AC		33	34	15
S. Sudan	840	MALAKAL	200	8	30	01	2	7	Sc, AC	10.6	28	66	21
	880	WAU	230	3	30	01	2	8	Cu, AC	9.9	29	55	19
	941	JUBA	270	6	30	01	9	8		11.9	24	84	21

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.
SALŪM	40	9	15	02	1	4	St, Ci	12.7	20	73	15	0
SIDI BARĀNI	50	8	18	01	2	2	Ci	12.8	19	68	13	0
MATRŪH	40	10	15	01	2	5	Ci	14.0	20	60	12	0
EL DABA												
ALEXANDRIA	40	6	35	00	0	0	—	15.4	20	64	13	0
FOUAD (Airport)												
DAMIETTA	20	5		02	0	0	—	15.0	20	73	15	0
PORT SA'ID	30	13	14	03	0	1	Sc	14.2	21	69	15	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	14.8	21	69	15	0
MANSURA	360	5		00	1	0	—	14.7	21	57	12	0
TANTA	00	0	35	02	1	0	—	15.2	21	57	12	0
ZAGAZIG	320	2	35	02	1	0	—	15.1	21	65	14	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	30	5	12	00	0	0	—	15.2	22	41	8	0
GIZA	30	5	12	00	0	0	—	15.0	24	38	9	0
HELWAN												
FAIYUM	360	4	35	01	0	0	—	13.6	25	34	8	0
MINYA	10	5	8	00	0	0	—	11.7	24	32	6	0
ASYUT MANQABAD	320	4	14	00	0	0	—	11.6	26	32	8	0
NAG' HAMMADI	290	7	15	00	0	0	—	10.3	27	33	9	0
QENA	240	1	7	00	0	0	—	9.9	29	23	6	0
LUXOR												
ASWAN												
SIWA	110	4	8	01	1	0	—	12.4	28			0
BAHARIYA	00	0	15	02	0	0	—	12.7	26	30	7	0
FARAFRA	90	3	15	02	0	0	—	12.3	26	37	10	0
DAKHLA	320	5	35	00	0	0	—	11.9	28			0
KHARGA	00	0	15	00	0	0	—	11.8	26	25	4	0
SUEZ	360	5	15	01	0	0	—	12.7	23	50	12	0
TOR	290	13	15	02	1	0	—	8.8	26	42	12	0
HURGHADA	320	15	12	00	1	0	—	9.4	26	48	14	0
QUSEIR	360	9	15	02	0	0	—	9.6	25	54	15	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Tuesday 20th May, 1952

Station	Wind 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	110	9	15	03	1	6	Ac Ci	13.6	+0.6	20	24	-3	18	+1	73	15	0	Rain	
SIDI BARANI	100	23	18	02	2	7	As	13.7		21	22		15		69	15	0	115	
MATRUH	100	13	30	03	1	5	Cu, Ci	14.1	+0.2	21			14		69	15	0	135	
EL DABA																			
ALEXANDRIA	130	11	50	00	0	0	—	15.4	+1.6	21	24	-2	17	-1	65	14	0	166	185
FOUAD (Airport)	90	10	18	02	0	0	—	15.3	+2.2	22			16	-1	61	14	0	Rain	138
DAMIETTA	110	5	15	00	0	0	—	15.2	+2.2	22	25	-2	18	0	50	11	0	171	105
PORT SA'ID	90	13	14	02	0	1	Sc	15.1	+2.0	23	25	-1	19	-1	61	15	0	92	
EL 'ARISH	120	4	30	00	0	0	—	15.9	+2.6	21			14		57	12	0	101	
DAMANHUR	40	3	15	02	0	0	—	15.4	+1.7	22	28	-3	15	-1	65	15	0	87	100
MANSURA	90	5	35	00	0	0	—	15.5	+2.2	21	29	-3	15	-1	65	14	0	62	54
TANTA	90	8	35	02	0	0	—	15.4	+1.7	22	29	-4	14	-1	65	15	0	65	42
ZAGAZIG			50	00	0	0	—	14.4	+0.8	26	30	-2	16	0			0	30	27
ISMAILIA																			
FAROUK (Airport)	90	10	14	00	0	0	—	14.6		25			17		28	5	0	83	
ALMAZA	10	14	14	00	0	0	—	14.5	+1.6	26			18	0	30	7	0	71	
EZBEKIYA	00	0	10	00	0	0	—	14.0	+0.9	25	30	-3	17	0	36	9	0	61	25
GIZA	00	0	10	00	0	0	—	13.9	+0.8	24	30	-3	14	-1	54	14	0	58	26
HELWAN																			29
FAIYUM	00	0	35	02	0	0	—	13.6	+0.7	24	31	-3	17	0	47	12	0	23	8
MINYA	100	2	12	00	0	0	—	13.3	+0.6	24	31	-5	15	-2	47	12	0	5	
ASYUT MANQABAD											32	-5							
NAG' HAMMADI	00	0	15	00	0	0	—	13.4	+2.7	24	33	-4	17	-2	54	14	0	0.1	
QENA	220	1	35	00	0	0	—	13.4	+3.0	23	37	-2	18	-3	50	12	0	2	
LUXOR																			
ASWAN	360	4	50	00	0	0	—	12.0	+1.5	26			22	-2	30	7	0	dr.	
SIWA	100	12	14	01	1	2	Ci	12.2	-2.0	24	32	-3	16	-1	32	6	0	26	8
BAHARIYA	90	9	35	02	0	0	—	13.3	0.0	26	32	-3	18	+1	30	7	0	1	7
FARAFRA	180	1	15	02	0	0	—	12.8		26	34		14		42	12	0	Rain	
DAKHLA	160	4	50	00	0	0	—	13.4	+1.4	25	33	-5	17	-3	28	5	0	dr.	
KHARGA	130	2	15	00	0	0	—	12.4	+1.4	27	33	-5	20	-2	27	6	0	dr.	
SUEZ	360	5	35	00	0	0	—	13.8	+1.4	23	31	-2	15	-4	61	15	0	44	17
TOR	310	9	15	02	0	0	—	13.6	+3.2	25			19	-2	61	17	0	1	13
HURGHADA	340	18	30	02	0	0	—	13.9	+2.6	24	27	-2	20	-1	57	15	0	Rain	
QUSEIR	360	9	15	02	0	0	—	12.4	+2.0	26	27	-4	22	-2	62	18	0	dr.	4
PORT SUDAN	350	12	30	01	1	2	Ac	9.9		33	34		26		36	16	0	211	97
WADI HALFA	360	1	30	01	0	1	CS	13.0		25	39		19		24	3	0	dr.	
ABU HAMAD	360	12	30	02	2	8	CS			31	44		26				0		
KAREIMA	50	12	30	02	1	5	CS	8.1		30	44		25		18	3	0	dr.	2
'ATBARA																			6
KHARTUM	170	24	4	07	2	5	CS	7.1		32	43				43	18	0	0.6	6
KASSALA	180		50	02	0	4		8.1		31	42		26		62	23	0	49	19
WAD MEDANI	180	10	35	02	2	8	Cc			33	41		27		41	18	0	29	21
RENK																			75
ROSEIRES																			89
EL OBEID		10	30	03	1	7	CS	8.5		29	40		25		46	16	0	15	29
EL FASHER	30	2	30	03	2	8	CS			27			23		30	8	0	13	12
GENEINA																			20
MALAKAL																			165
WAU	340	7	30	02	0	2	Ac	10.6		25	30		22		84	22	dr.	Rain	313
JUBA																			405

HUMIDITY % Mean of day

Station	On 19th	Diff. from normal
Alexandria	65	-6
Ezbekiya	42	-8
Giza	46	-4
Helwan		

GIZA GRASS MINIMUM TEMP ON 20th 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.	..... 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 19th

Station	Matruh		Minya		Kharga		Asyut		S. Barani														Minya		Port Sa'id	
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	20	10	350	26	10	12	320	10	20	10													30	20	40	10
600	360	3	360	24	10	20	340	10	300	6													20	20	10	6
1000	260	7	350	12	10	20	350	14	280	9													10	16	20	5
1500	260	10	10	11			330	14	240	17													320	12		
2000	260	13					310	16	250	22																
3000	270	22					330	23	200	22																
4000									280	32																
5000																										
6000																										
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	8		8		8		2		1				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	14	100	14	90	9	100	8	100	9			70	10	60	3			30	12	350	20		
600	100	14	100	14	100	12	60	6	00	0			80	21	40	10			30	10	340	21		
1000	120	17	120	11	110	10	350	9	50	6			60	8	40	9			60	14	330	20		
1500	210	9	230	11	150	20	260	7	280	6			320	12	80	6			30	6	320	22		
2000	240	7	280	7					290	11									40	16				
3000	260	38	250	32					290	35									360	21				
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	7 15		8		8		8		3						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			120	17	120	8	360	17	40	14														
600	110	33	110	21	120	11	360	22	70	23					160	27	190	13						
1000	110	23	120	29	110	9	360	21	60	19					160	31	210	19			90	5		
1500	130	24	100	17	90	5	10	14	40	20					70	15	210	8			130	1		
2000	140	22			180	10									50	15	50	10			120	10		
3000	210	25							30	13							40	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.

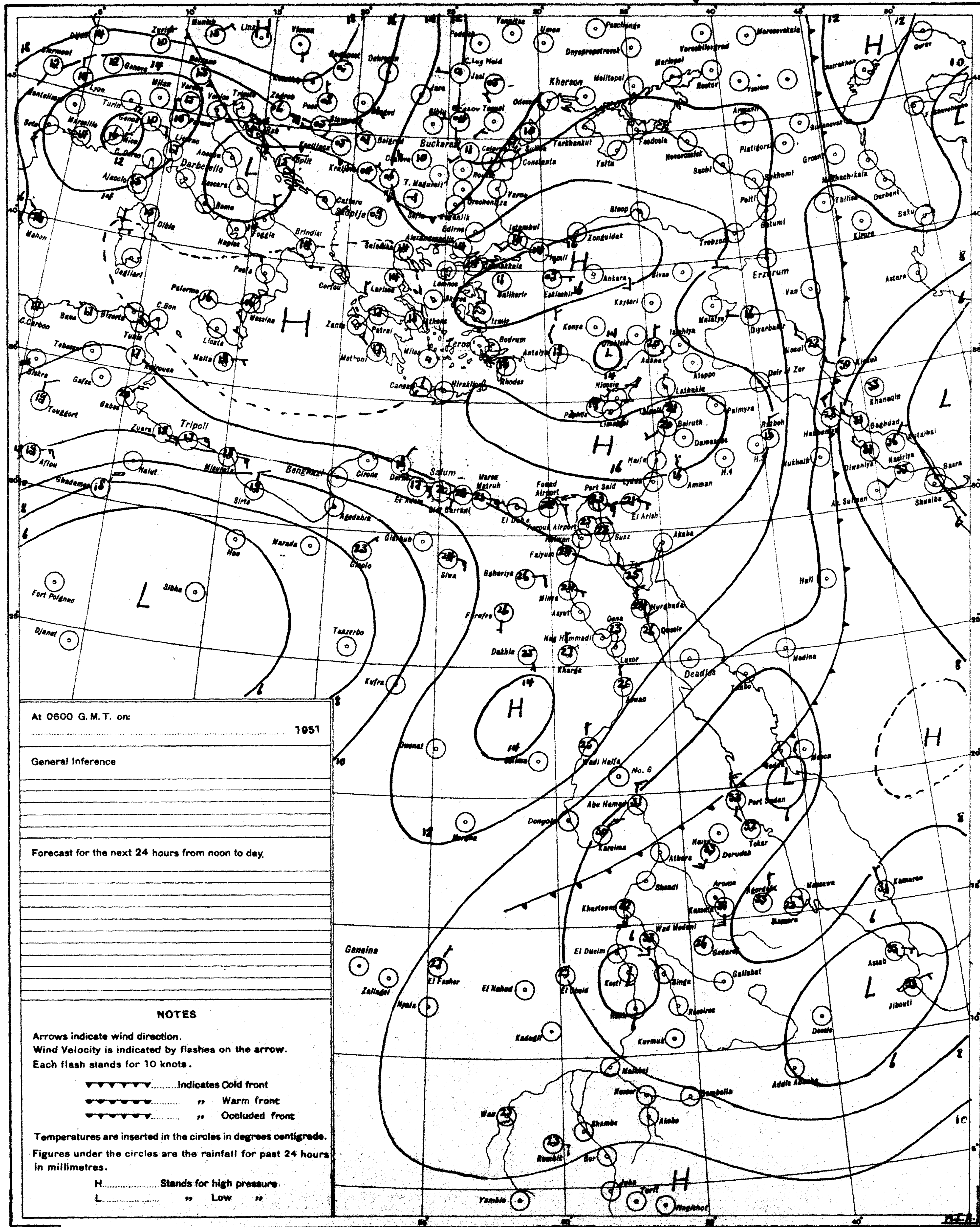
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 20/5/1951



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 ,,

S of E 1949(43/567) (50/531)

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.	Symbol
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

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 : Wednesday 21st May, 1951 2

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	SALŪM	20	9	35	01	1	3	Ci	12.2	23	74	18
	303	SĪDI BARĀNI	70	14	30	03	1	4	AC	12.1	23	61	15
	306	MATRŪH	60	19	30	01	1	2	CC	13.8	25		
	309	EL DABʼA	70	12	18	01	1	2	Cu		24	61	16
		ALEXANDRIA	40	22	50	01	1	3	AC	14.7	23?	78	17
	318	FOUAD (Airport)	40	14	18	02	0	0	—	14.5	29?	40	14
	330	DAMIETTA	90	5	35	02	0	0	—	14.5	25	61	17
	333	PORT SAʼĪD	90	15	30	02	0	0	—	14.7	24	61	16
	336	EL ʼARISH											
Lower Egypt	339	DAMANHŪR	90	5	15	02	0	0	—	14.3	30	35	13
	342	MANSŪRA											
	348	TANTA	00	0	35	02	0	0	—	14.7	30	31	11
	354	ZAGAZIG	40	1	50	02	0	0	—	15.0	30	33	12
	440	ISMAʼILIA											
Cairo Area	366	FAROUK (Airport)	70	9	30	00	0	0	—	13.5	32	15	2
	370	ALMĀZA	40	16	30	00	0	0	—	13.3	32	24	9
		EZBEKIYA	70	6	18	00	0	0	—	12.8	33	21	8
		GĪZA	90	6	18	00	0	0	—		33	16	4
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	360	4	35	02	0	0	—	12.6	33	16	4
	387	MINYA	120	2	12	00	0	0	—	11.5	36	17	7
	393	ASYŪT MANQABÂD	00	0	30	00	0	0	—	11.6	37	11	2
	399	NAGʼ HAMMÂDI	00	0	35	01	0	2	Ac	11.8			10
	402	QENA	240	1	50	00	0	0	—	10.7	40	19	12
	405	LUXOR											
	414	ASWĀN		3	50	00	0	0	—	8.8	41	8	0
Oases	417	SĪWA	110	9	12	00	0	0	—	10.0	37	18	9
	420	BAHARĪYA	70	2	35	02	0	0	—	12.0	35	15	5
	423	FARAFRA	90	3	15	02	0	0	—	10.4	38	24	14
	432	DAKHLA	160	5	50	00	0	0	—	9.9	38	13	5
	435	KHARGA	00	0	35	00	0	0	—	9.9	40	19	12
Red Sea	450	SUEZ	40	7	50	02	0	0	—	12.7	31	22	7
	459	TŌR	310	9	35	02	0	0	—	11.5	27	55	17
	462	HURGHADA	20	6	30	02	0	0	—	11.3	26	70	20
	465	QUSEIR	360	13	15	02	0	0	—	11.6	28	58	19
	641	PORT SŪDĀN	20	16	7	05	0	4	Ac, Ci		35	39	19
North Sūdān	600	WĀDI HALFA	40	15	50	02	0	0	—		43	9	3
	640	ABU HAMAD	360	5	30	03	—	6	Cu, Ac		43	12	8
	660	KAREIMA	70	6	50	01	0	0	—	3.8	43	18	14
	680	ʼATBARA	200	3	10			8	CS	3.5	41	19	13
	721	KHARTŪM	230	9	50	01	1	4	Ci	3.1	40	20	13
	730	KASSALA											
Central Sūdān	751	WĀD MEDANI	230	9	35	02	2	8	Ci	3.0	39	23	14
	80[illegible]	RENK	280	13	35	01	1	4	Cu, AC		38	33	19
	804	ROSEIRES	230	2	25	02	1	4	Cu	3.0	37	33	18
	771	EL OBEID	10	6	30	01	0	1	CS	3.2	39	13	6
	760	EL FĀSHER	130	7	30	02	2	8			38	11	3
	770	GENEINA	100	5	30	03	4	8	Ac, Cs		37	18	9
S. Sūdān	840	MALAKĀL											
	880	WĀU	230	2	30	03	1	5	Cu, AC	8.5	33	44	19
	941	JUBA	50	2	50	01	2	3	Cb, Ci	8.4	30	59	21

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
SALŪM	90	13	15	03	1	5	CS	10.2	24	69	18	0
SĪDI BARĀNI	80	15	14	02	1	2	CS	9.8	21	65	14	0
MATRŪH	70	14	14	02	1	0	—	12.2	21	78	17	0
EL DABʼA	70	13	7	00	0	0	—		21	83	18	0
ALEXANDRIA	40	22	35	00	0	0	—	14.0	22	65	15	0
FOUAD (Airport)	60	13	12	02	0	0	—	14.0	22	65	15	0
DAMIETTA	20	5		02	0	0	—	14.7	21	74	16	0
PORT SAʼĪD	80	10	14	02	0	0	—	15.2	21	74	16	0
EL ʼARISH												
DAMANHŪR	90	13	15	02	0	0	—	14.2	21	74	16	0
MANSŪRA	360	5		00	0	0	—	15.0	21	65	14	0
TANTA	90	8	35	02	0	0	—	15.2	24	54	14	0
ZAGAZIG												
ISMAʼILIA												
FAROUK (Airport)	70	19	12	00	0	0	—	13.3	26	32	8	0
ALMĀZA	40	20	12	00	0	0	—	13.0	28	40	13	0
EZBEKIYA	100	10	12	00	0	0	—	13.5	26	35	9	0
GĪZA	100	10	12	00	0	0	—		28	27	7	0
HELWĀN												
FAIYŪM	00	0	35	02	0	0	—	11.9	28	33	10	0
MINYA	360	3	8	00	0	0	—	10.6	26	37	10	0
ASYŪT MANQABÂD	00	0	10	00	0	0	—	10.3			5	0
NAGʼ HAMMÂDI												
QENA	00	0	7	00	0	0	—	10.1	36	17	7	0
LUXOR												
ASWĀN	00	0	15	00	0	0	—	9.4	36	10	-1	0
SĪWA	110	12	6	00	0	0	—	6.3	34	22	9	0
BAHARĪYA	90	2	15	02	0	0	—	10.9	29	23	6	0
FARAFRA	130	4	15	02	0	0	—	8.8	30	35	13	0
DAKHLA	160	8	35	00	0	0	—	10.2	33	12	0	0
KHARGA												
SUEZ												
TŌR	290	5	35	02	0	0	—	12.8	25	61	17	0
HURGHADA	00	0	14	02	0	0	—	11.6	24	69	18	0
QUSEIR	360	9	15	02	0	0	—	11.0	26	62	18	0

At 0600 on Wednesday 21st May 1952

Station	Wind 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
SALŪM	40	13	15	03	2	7	Sc, Cu	9.9	-3.1	21	24		19	+2	83	18	0	Rain		SALŪM
SĪDI BARĀNI	80	25	15	02	2	6	NS	9.1		22	26		20		78	18	0	115		SĪDI BARĀNI
MATRŪH	70	23	15	01	1	3	AC	9.5	-4.4	22	26		20		69	16	0	135		MATRŪH
EL DABʼA	70	13	15	00	0	0	—			23	25		20		61	15	0	214		EL DABʼA
ALEXANDRIA	130	23	35	06	3	6	Cu, SC	10.4	-3.4	22	27	+1	18	0	57	13	0	166	185	ALEXANDRIA
FOUAD (Airport)	70	16	18	01	2	6	Sc, AC	10.2	-2.9	23	29	+2	19	+2	61	15	0	Rain	138	FOUAD (Airport)
DAMIETTA	90	13	7	0[illegible]	1	6	AC	12.4	-0.8	23	25	-2	20	+2	61	15	0	171	183	DAMIETTA
PORT SAʼĪD	90	27	12	03	0	3	AC, Cu	12.7	-0.3	23	25	-1	20	-1	65	16	0	92		PORT SAʼĪD
EL ʼARISH	80	8	30	00	0	0	—	14.1	+0.9	23			14		41	9	0	101		EL ʼARISH
DAMANHŪR	130		15	02	1	1	Ci	11.5	-2.1	23	31	0	16	0	61	15	0	87	101	DAMANHŪR
MANSŪRA	140	13	35	03	2	5	AS	11.4	-1.9	24	30	-2	18	+2	54	14	0	62	54	MANSŪRA
TANTA	90	13	35	03	2	8	AS	11.5	-2.2	24	31	-2	18	+3	47	12	0	65	43	TANTA
ZAGAZIG	40	3	35	02	0	0	—	11.4	-2.1	23			16	0	50	12	0	30	27	ZAGAZIG
ISMAʼILIA																				ISMAʼILIA
FAROUK (Airport)	70	19	18	03	0	1	Ci	10.8		24	33		20		47	12	0	83		FAROUK (Airport)
ALMĀZA	90	16	10	01	1	1	AC	10.7	-2.1	25	33	-1	18	0	54	15	0	71		ALMĀZA
EZBEKIYA	80	4	4	05	1	5	Ci	12.8	-2.2	26	34	+1	19	+1	48	14	0	61	26	EZBEKIYA
GĪZA	80	4	4	05	1	5	Ci			26	33	0	21	+6	42	12	0	58	26	GĪZA
HELWĀN																			29	HELWĀN
FAIYŪM	00	0	35	03	0	1	Ci	11.0	-1.8	29	35	+1	19	+1	23	6	0	23	8	FAIYŪM
MINYA	110	6	8	00	0	0	—	8.7	-4.0	28	37	+1	20	+3	29	8	0	5		MINYA
ASYŪT MANQABÂD	120	3	12	00	0	0	—	11.0	-1.0	32	39	+2	21	+1	15	2	0	3		ASYŪT MANQABÂD
NAGʼ HAMMÂDI	00	0	15	00	0	0	—										0	0.1		NAGʼ HAMMÂDI
QENA	00	0	35	00	0	0	—	13.3	+2.9	30	41	+2	22	+1	31	11	0	2		QENA
LUXOR	00	0	30	00	0	0	—	13.0	+2.7	32			21		15	2	0	dr		LUXOR
ASWĀN	360	4	18	00	0	0	—	12.0	+1.5	30	42	+2	25	+1	16	1	0	dr.		ASWĀN
SĪWA	00	0	7	06	0	0	—	6.0	-8.2	30	38	+3	24	+7	25	8	0	26	8	SĪWA
BAHARĪYA	200	12	7	32	3	0	—	8.6	-4.7	35	36	+1	22	+4	8	-4	0	1	7	BAHARĪYA
FARAFRA	00	0	15	02	2	0	—	9.5		28	39		18		33	10	0	Rain		FARAFRA
DAKHLA	160	11	35	00	[illegible]	0	—	12.7	+0.7	29	40	+2	19	-1	14	-1	0	dr.		DAKHLA
KHARGA																				KHARGA
SUEZ	00	0	35	00	0	0	—	11.2	-1.2	26			19	0	42	12	0	44	17	SUEZ
TŌR	60	2	15	02	0	0	—	12.6	+2.2	24			18	-3	57	15	0	1	13	TŌR
HURGHADA	00	0	30	02	0	0	—	11.5	+1.3	27	27	-2	20	-1	45	14	0	Rain		HURGHADA
QUSEIR	330	5	15	02	0	0	—	11.6	+1.3	27	29	-2	25	+1	40	12	0	dr.	4	QUSEIR
PORT SŪDĀN	340	8	30	01	1	2	AC	8.7		25	37		24		42	11	0	211	97	PORT SŪDĀN
WĀDI HALFA	130	13	30	02	0	0	—	10.2		31	45		23		16	2	0	dr.		WĀDI HALFA
ABU HAMAD	40	5	30	02	0	1	AC			34	44		24		9	-4	dr.			ABU HAMAD
KAREIMA	70	9	30	01	1	2	AC	8.5		33	44		29		23	9	dr.	dr.	2	KAREIMA
ʼATBARA	50	5	30	01	0	0	—	7.8		35	43		29		20	9	0	dr.	6	ʼATBARA
KHARTŪM	180	14	30	01	2	6	AC	7.8		35	42		32		23	11	0	0.6	7	KHARTŪM
KASSALA	70	1	30	02	0	0	—	7.8		33	42		27		21	8	dr.	49	20	KASSALA
WĀD MEDANI	230	9	35	02	0	0	—	7.8		24	39		22		59	20	11	40	21	WĀD MEDANI
RENK																			76	RENK
ROSEIRES	230	2	35	02	1	2	Ci	10.2		26	38		21		70	20	9	106	91	ROSEIRES
EL OBEID	150	13	30	03	1	5	AC	8.6		31	40		25		38	15	0	15	29	EL OBEID
EL FĀSHER	00	0	30	02	0	0	—			25	39		19		21	1	0	13	12	EL FĀSHER
GENEINA	00	0	30	03	1	2	Ac, Cs			27	39		23		19	1	0		20	GENEINA
MALAKĀL																			168	MALAKĀL
WĀU	230	6	30	01	3	4	Ci	9.3		27	35		24		70	21	0	Rain	318	WĀU
JUBA																			410	JUBA

Humidity % Mean of day

Station	on 20th	Diff. from normal
Alexandria	[illegible]	-7
Ezbekiya	[illegible]	-17
Gīza	[illegible]	-10
Helwān		

GĪZA
GRASS MINIMUM TEMP.
ON [illegible] [illegible] °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 20th

Station	Matruh		Port Said		Minya		Asyut		Siwa		Dakhla		Kharga		S.Barani		Hurghada						Almaza		Minya	
Time	14		14		14		14		14		14		14		14		14						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	17	50	17	350	5	100	7	120	27	70	21	160	3	90	32	20	14					100	10	80	19
600	100	19	60	7	10	5	110	6	120	29	160	16	90	3	110	23	360	15					160	17	110	10
1000	130	19	40	6	10	5	150	6	120	24	150	14	110	3	140	23	300	7					180	17	150	14
1500	170	17	350	6	360	2	220	9	130	23	170	12			160	18	320	12					160	22	170	20
2000	170	8	320	7			260	9	150	26					170	12							160	19		
3000							270	15																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʼīd		El ʼArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada		Almaza	
Time			4		3		3		5				2		8				8		8		8	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			90	23	100	33	80	22	70	20			150	27	110	15			360	8	70	6	190	33
600			100	25	120	24	80	22	90	14			190	49	170	16			360	5	90	8	190	19
1000			120	33	130	20	80	24	140	9			190	35	190	30			360	6	50	6	190	18
1500					190	25			160	9					220	23			20	9	140	8	210	27
2000					230	38			210	20									50	10			210	40
3000									260	21											200	13		
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time	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	28			110	14																		
600	290	35			150	21																		
1000	290	30			160	25																		
1500	290	30			190	25																		
2000	270	36																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

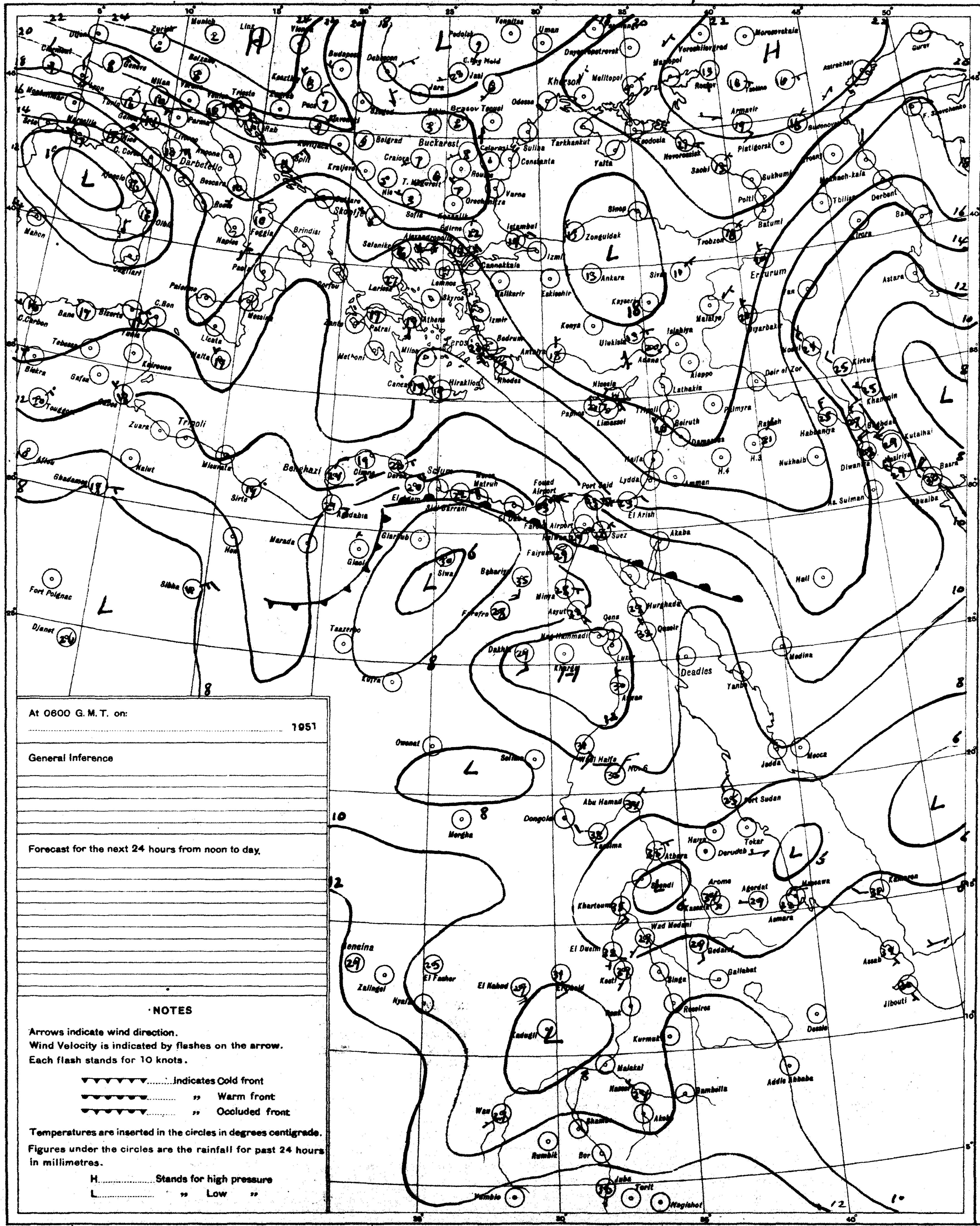
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 21/5 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 02 58 G. M. T.

" " Sunset 16 46 G. M. T.

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

Form 7 F

DAILY WEATHER REPORT

Date : Thursday 22nd May, 1951 2

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	40	13	35	03	1	6	CS	10.3	22	83	19
	303	SIDI BARÂNI	70	17	18	02	2	7	Ci	10.2	23	65	16
	306	MATRÛH	60	17	6	03	1	4	CS	10.2	24	61	16
	309	EL DABA	70	9	35	00	0	0	—		23	74	18
		ALEXANDRIA	40	27	15	06	0	0	—	7.7	24	69	18
	318	FOUAD (Airport)	40	27	10	07	0	0	—	6.5	28	52	17
	330	DAMIETTA	90	13	7	03	2	8	AS		26	55	16
	333	PORT SAÏD											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	9	15	02	0	0	—	6.4	37	31	17
	342	MANSURA	40	19	35	00	1	0	—	7.9	34	41	19
	348	TANTA											
	354	ZAGAZIG	40	3	50	03	1	6	Cu	8.3	40	19	12
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	200	26	8	05	0	0	—	6.8	42	5	-6
	372	ALMÂZA	220	23	10	00	0	0	—	7.2	42	6	-4
		EZBEKIYA			1.1	09	3	9	—	6.2	43	11	6
		GÎZA			1.1	09	3	9	—		43	11	6
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	290	8	35	02	0	0	—		43	8	1
	387	MINYA	220	12	8	00	0	0	—	6.8	46	5	-2
	393	ASYUT MANGABAD	200	15	18	00	0	0	—	7.6	44	4	-7
	399	NAG' HAMMADI	110	1	35	00	0	0	—	7.5	41	17	11
	402	QENA	220	21	50	00	0	0	—	7.8	45	17	14
	405	LUXOR											
	414	ASWÂN	360	3	50	00	0	0	—	8.0	44	4	-7
Oases	417	SÎWA	290	13	14	00	0	0	—	8.6	40	15	9
	420	BAHARÎYA	270	11	7	31	3	0	—	6.8	45	5	-2
	423	FARAFRA											
	432	DAKHLA	160	11	15	00	0	0	—	8.8	45	10	7
	435	KHARGA	00	0	35	00	0	0	—	8.3	43	14	10
Red Sea	450	SUEZ	180	7	50	03	0	6	SC	8.3	32	34	14
	459	TOR	180	5	35	02	0	0	—	11.0	30	52	17
	462	HURGHADA	20	12	30	02	0	0	—	10.2	30	66	23
	465	QUSEIR	20	9	15	02	0	0	—	9.6	30	66	23
	641	PORT SUDÂN	360	20	1.1	07	3	0	—	6.5	40	20	13
North Sudan	600	WÂDI HALFA	50	14	30	02	0	1	CS	6.7	44	6	-2
	640	ABU HAMAD	30	5	30	02	0	1	AC		44	4	-6
	660	KAREIMA	60	10	30	03	1	3	AC	4.9	43	15	11
	680	ATBARA	90	6	10	05	0	0	—	3.5	43	9	4
	721	KHARTUM	00	0	30	01	1	0	—	3.7	41	15	9
	730	KASSALA	10	6	30	02	0	0	—	2.1	42	8	1
Central Sudan	751	WÂD MEDANI	230	5	35	02	0	0	—	2.3	42	14	9
	801	RENK	270	5	35	02	2	3	Cu		39	26	16
	802	ROSEIRES	310	5	35	02	0	0	—	4.1	36	31	16
	771	EL OBEID	250	6	30	03	1	1	Cu	4.0	38	24	14
	750	EL FÂSHER											
	770	GENEINA	60	10	30	02	0	0	—		39	8	-1
S. Sudan	840	MALAKÂL	00	0	50	03	2	6	Cu, Ac	5.1	36	35	18
	880	WÂU											
	947	JUBA	210	4	50	03	2	5	Cb, Ci	6.0	33	63	25

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	20	9	15	01	1	4	Cu	13.1	20	83	17	0
SIDI BARÂNI	40	7	18	02	2	3	AS	13.0	20	83	17	0
MATRÛH	20	10	14	01	1	3	CS	12.9	20	83	17	0
EL DABA	40	3	7	03	2	8	St		21	83	18	0
ALEXANDRIA	360	16	35	02	1	7	CS	9.5	21	83	18	0
FOUAD (Airport)	30	9	12	03	2	7	CS	9.9	23	65	11	0
DAMIETTA												
PORT SAÏD	50	17	12	02	0	2	Ci	7.5	23	74	18	0
EL 'ARISH												
DAMANHUR	130	5	15	02	0	0	—	8.3	24	61	16	0
MANSURA	40	3		00	0	0	—	8.3	23	65	16	0
TANTA	360	2	35	03	2	3	AS	9.5	26	62	18	0
ZAGAZIG	00	0	35	02	2	0	—	9.4	26	62	18	0
ISMAÏLIA												
FAROUK (Airport)	40	8	10	01	1	3	AC	9.1	32	38	16	0
ALMÂZA	20	7	8	01	1	3	Ci	8.6	33	30	13	0
EZBEKIYA			10	00	3	0	—	9.0	31	41	16	0
GÎZA			10	00	3	0	—	9.4	33	30	13	0
HELWÂN												
FAIYÛM												
MINYA	00	0	8	00	3	0	—	8.2	32	21	7	0
ASYUT MANGABAD												
NAG' HAMMADI	00	0	15	00	0	0	—	9.1	30	46	17	0
QENA	00	0	7	00	0	0	—	9.5	34	27	12	0
LUXOR												
ASWÂN												
SÎWA	290	6	8	00	0	0	—	11.1	33	36	16	0
BAHARÎYA												
FARAFRA	360	3	15	02	3?	0	—	8.8	36	13	4	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	8.7	36	13	4	0
SUEZ	180	7	15	01	0	1	SC	8.4	30	35	13	0
TOR	180	5	15	02	0	0	—	9.1	27	70	21	0
HURGHADA												
QUSEIR												
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 22nd May, 1952

Station	Wind 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
SALÛM	23	5	15	00	0	0	—	15.4	+2.4	22	24	-3	17	0	65	15	0	Rain	
SIDI BARÂNI	70	9	18	02	1	2	Cu	15.3		21	25		18		74	16	0	115	
MATRÛH	40	8	18	01	1	0	—	15.4	+1.5	21	26		18		69	15	0	135	
EL DABA	40	4	15	03	2	6	Sc, Cu			21	25		18		74	16	0	214	
ALEXANDRIA	40	11	50	00	0	0	—	14.4	+0.6	21	33	+7	19	+1			0	166	185
FOUAD (Airport)	20	9	18	01	1	1	SC	14.2	+1.2	22	34	+7	19	+2	74	17	0	Rain	138
DAMIETTA																			105
PORT SAÏD	100	12	12	02	0	0	—	12.2	-0.8	23	25	-1	21	0	65	16	0	92	
EL 'ARISH	310	6	30	00	0	0	—	11.6	-1.6	24			20		74	19	0	101	
DAMANHUR	40	5	15	02	0	0	—	13.9	+0.3	22	38	+7	16	0	65	15	0	87	101
MANSURA	360	5	35	00	0	0	—	14.2	+1.0	24	35	+3	18	+1	69	18	0	62	54
TANTA	310	5	35	02	0	0	—	13.6	0.0	22	42	+9			74	17	0	65	43
ZAGAZIG											41	+8							27
ISMAÏLIA																			
FAROUK (Airport)	20	3	10	05	0	0	—	13.2		21	42		19		78	17	0	83	
ALMÂZA	40	8	12	00	0	0	—	13.4	+0.6	21	43	+9	19	0	83	18	0	71	
EZBEKIYA	330	3	10	00	0	0	—	13.1	+0.1	27	44	+11	19	+1	52	16	0	61	26
GÎZA	330	3	10	00	0	0	—			23	43	+10	18	+3	74	18	0	58	26
HELWÂN																			29
FAIYÛM	00	0	35	02	0	0	—	12.4	-0.4	24			20	+2	61	16	0	23	8
MINYA	350	7	10	00	0	0	—	11.5	-1.1	28	46	+10	21	+4	49	16	0	5	
ASYUT MANGABAD	240	3	6	06	0	0	—	11.3	-0.6	31			26	+6	22	7	0	3	
NAG' HAMMADI											42	+5							
QENA	00	0	35	00	0	0	—	11.2	+0.8	31	45	+6	23	+2	31	12	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	10.6	+0.2	31			26	+2	22	7	0	dr.	
SÎWA	90	9	14	00	0	0	—	14.6	+0.4	23	41	+6	20	+3	57	14	0	26	8
BAHARÎYA																			7
FARAFRA	130	1	3	10	4	0	—	12.6		32	46		22		28	11	0	Rain	
DAKHLA	30	0	15	00	0	0	—	11.9	0.0	34			25	+5	15	4	0	dr.	
KHARGA	00	0	15	00	0	0	—	10.7	-0.2	32	45	+6	23	0	34	14	0	dr.	
SUEZ	360	6	35	00	0	0	—	11.5	-0.9	23	34	+1	20	+1			0	44	17
TOR	310	2	35	02	0	0	—	10.6	+0.3	25			24	+3	65	18	0	1	13
HURGHADA																			
QUSEIR	40	2	15	02	0	0	—	10.0	-0.3	29			23	-1	59	20	0	dr.	4
PORT SÛDÂN																			97
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			2
ATBARA																			6
KHARTUM																			7
KASSALA																			20
WÂD MEDANI																			22
RENK																			77
ROSEIRES																			93
EL OBEID																			30
EL FÂSHER																			13
GENEINA																			21
MALAKÂL																			171
WÂU																			323
JUBA																			415

Humidity % Mean of day

Station	On 21st	Diff. from normal
Alexandria	66	-5
Ezbekiya	42	-8
Giza	32	-18
Helwan		

GIZA GRASS MINIMUM TEMP. ON 22nd 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

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 21st

Height m.	Matrûh Dir.	Matrûh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		20		20	
300	70	10	220	31	270	4	280	37	250	10	140	20	70	17	300	2	80	12
600	30	4	230	30	260	4	280	33	250	10	140	21	70	12	310	3	80	12
1000	280	12	230	31	240	7	270	24	240	16	120	1	50	19	310	4	80	22
1500					250	9	280	23	250	15	160	6	50	10	300	1	90	9
2000					260	10			250	6					310	6	110	7
3000					270	10											130	24
4000					300	10												
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 22nd

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 '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.	Almaza Dir.	Almaza Vel.
Time	8		4		9		2		8				2		8				8				8 30	
300	70	10	60	10	60	9	340	8	300	10			360	3	320	2			340	5			10	4
600	70	21	✓		60	15	340	12	280	17			350	6	00	0			310	8			340	9
1000	80	18			50	13	350	15	260	16			340	7	330	7			310	22			190	8
1500	90	9			360	2	270	23	150	15			340	7	230	4			290	26			50	8
2000	10	4			240	13	260	22	150	16			350	4	270	25			290	21			330	3
3000	270	36					240	7																
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.	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	8		8		8		8																	
300	70	11	20	11	160	8	20	13																
600	80	11	20	16	190	10	40	10																
1000	40	4	10	17	180	11	30	3																
1500	330	12			200	4	360	2																
2000	300	25																						
3000	260	30																						
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.

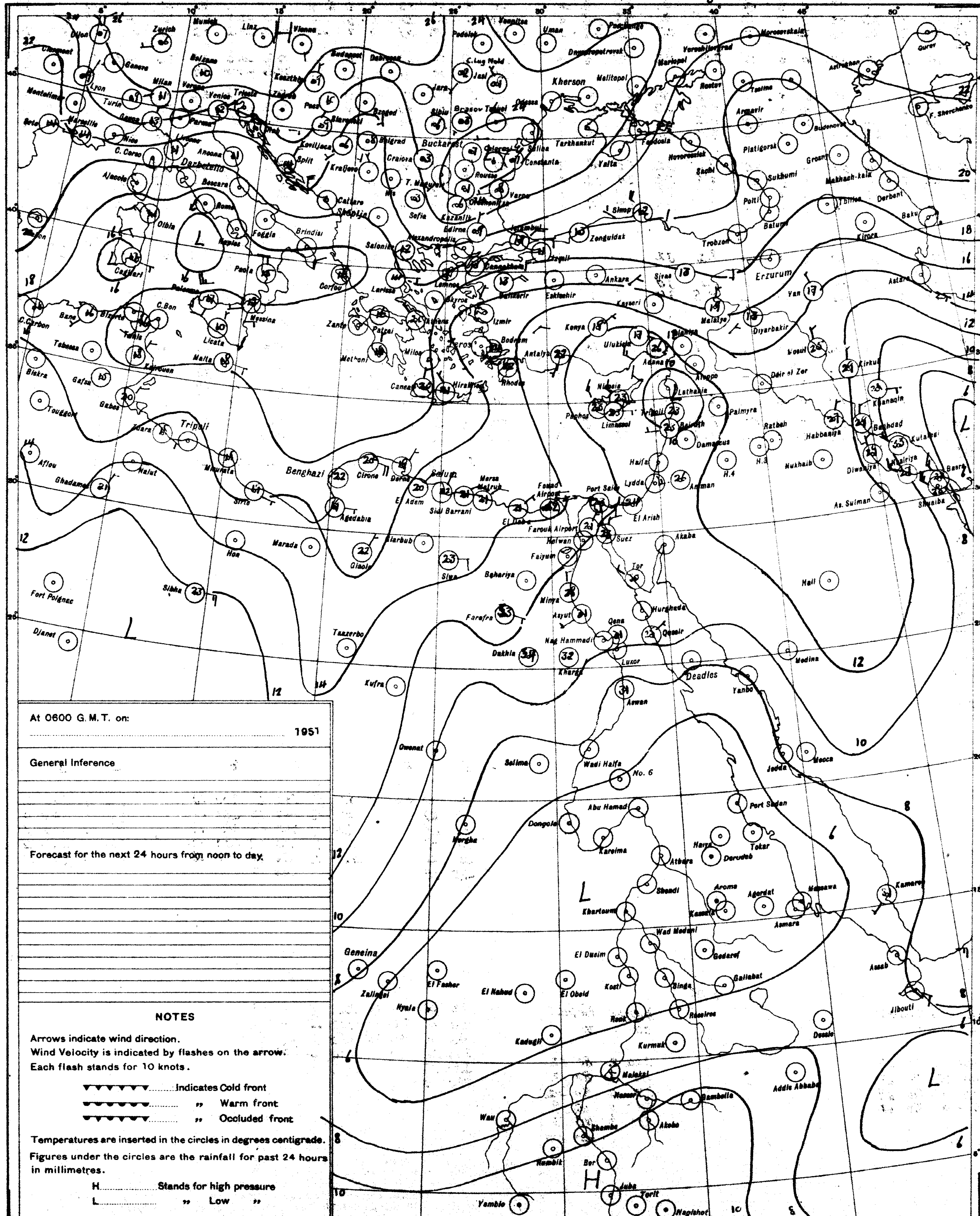
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

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 22/5/1952



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 02 57 G. M. T.

" " Sunset 16 46 G. M. T.

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

Form 7 F

DAILY WEATHER REPORT

Date: Friday 23rd May, 1951 2

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	SALUM	360	2	15	00	0	0	—	15.9	24	54	14
	303	SIDI BARANI	20	10	30	00	0	0	—	15.7	22	69	16
	306	MATRUH	360	8	30	02	0	0	—	16.4	23	74	18
	309	EL DABA											
		ALEXANDRIA											
	318	FOUAD (Airport)	340	12	18	02	0	0	—	14.5	26	62	18
	330	DAMIETTA	340	5	35	00	0	0	—	13.5	25	61	17
	333	PORT SAID											
	336	EL 'ARISH	360	8	50	00	0	0	—	12.0	25	61	17
Lower Egypt	338	DAMANHUR	40	9	15	02	0	0	—	13.5	31	31	12
	342	MANSURA	40	9	35	00	0	0	—	13.0	32	34	14
	348	TANTA	360	8	35	02	0	0	—	12.6	33	21	8
	354	ZAGAZIG	30	0	50	02	0	0	—	12.0	33	30	13
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	340	10	30	00	0	0	—	11.4	33	24	10
	372	ALMAZA	20	11	30	00	0	0	—	11.7	32	26	10
		EZBEKIYA	20	6	18	00	0	0	—	12.0	34	25	11
		GIZA	20	6	18	00	0	0	—		33	31	13
	378	HELWAN											
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	10.7	35	19	8
	387	MINYA	10	5	12	00	0	0	—	9.4	38	24	14
	393	ASYUT MANGABAD	310	8	8	06	0	0	—	9.1	43	18	14
	399	NAG' HAMMADI	00	0	35	00	0	0	—	9.3	44	19	15
	402	QENA	00	0	50	00	0	0	—	8.7	46	14	12
	405	LUXOR											
	414	ASWAN	00	0	50	00	0	0	—	6.7	46	2	-14
Oases	417	SIWA	60	5	14	00	0	0	—	14.2	34	23	10
	420	BAHARIYA	360	2	35	02	0	0	—	10.6	38	16	8
	423	FARAFRA	340	4	35	02	4	0	—	11.0	41	14	8
	432	DAKHLA	180	6	35	00	0	0	—	9.8	46	14	12
	435	KHARGA	00	0	15	00	0	0	—	8.0	46	14	12
Red Sea	450	SUEZ	360	5	50	02	0	0	—	11.2	32	34	14
	459	TOR	220	5	15	05	0	0	—	9.6	30	59	21
	462	HURGHADA	40	4	15	02	0	0	—	9.2	30	66	23
	465	QUSEIR	210	2	15	02	0	0	—	8.3	32	66	25
	341	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	701	KHARTUM											
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL											
	880	WAU											
	941	JUBA											

At 1800 on Thursday 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
62300	SALUM	20	2	15	00	0	0	—	14.3	20	83	17	0
303	SIDI BARANI	40	4	18	00	0	0	—	15.5	20	77	16	0
306	MATRUH												
309	EL DABA	00	0	7	00	0	0	—		20	83	17	0
	ALEXANDRIA	40	12	35	00	0	0	—	15.1	21	74	16	0
318	FOUAD (Airport)	10	10	12	01	0	0	—	14.5	21	74	16	0
330	DAMIETTA	320	5		00	0	0	—	13.8	22	83	19	0
333	PORT SAID	360	12	15	02	0	0	—	12.9	22	74	17	0
336	EL 'ARISH												
338	DAMANHUR												
342	MANSURA	20	9		00	0	0	—	13.9	23	50	12	0
348	TANTA	00	0	35	02	0	0	—	13.8	25	51	14	0
354	ZAGAZIG	40	1	35	02	0	0	—	14.2	26	48	14	0
440	ISMAILIA												
366	FAROUK (Airport)	40	17	12	00	0	0	—	13.1	28	33	10	0
372	ALMAZA	50	15	12	00	0	0	—	13.2	28	33	10	0
	EZBEKIYA	20	7	10	00	0	0	—		26	37	10	0
	GIZA	20	7	10	00	0	0	—		28	27	7	0
378	HELWAN												
381	FAIYUM	360	6	35	02	0	0	—	12.4	31	28	10	0
387	MINYA	360	8	8	00	0	0	—	9.5	31	28	10	0
393	ASYUT MANGABAD	340	2	8	06	0	0	—	9.6	34	19	7	0
399	NAG' HAMMADI												
402	QENA												
405	LUXOR												
414	ASWAN												
417	SIWA	00	0	8	00	0	0	—	13.5	32	29	12	0
420	BAHARIYA	360	2	15	02	0	0	—	11.8	31	28	10	0
423	FARAFRA	360	5	7	02	0	0	—	11.0	33	24	10	0
432	DAKHLA	20	8	15	00	0	0	—	9.3	37	14	6	0
435	KHARGA	00	0	15	00	0	0	—	9.5	39	14	7	0
450	SUEZ	360	5	15	02	0	0	—	11.4	26	40	11	0
459	TOR	290	9	15	05	0	0	—	9.1	26	74	21	0
462	HURGHADA	320	6	12	02	0	0	—	8.9	30	55	20	0
465	QUSEIR	360	2	15	02	0	0	—	7.0	30	66	23	0
341	PORT SUDAN												
600	WADI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
701	KHARTUM												
730	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 Friday 23rd May, 1952

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	110	2	1.7	45	4	0	—	15.2	+2.2	19	24	-4	11	-6	83	16	0	Rain	
303	SIDI BARANI	80	3	18	02	0	1	CS	15.4		22	23		13		69	16	0	115	
306	MATRUH	340	4	18	28	4	0	—	16.0	+2.1	21			14		83	18	0	135	
309	EL DABA	320	2	15	00	0	0	—			22	25		16		74	17	0	214	
	ALEXANDRIA	360	11	50	00	0	0	—	14.8	+1.0	23	25	-2	19	0	65	16	0	166	185
318	FOUAD (Airport)											26	-1							138
330	DAMIETTA	320	5	15	00	0	0	—	13.5	+0.5	23	26	-1	16	-2	65	16	0	171	105
333	PORT SAID	350	8	15	02	0	0	—	13.4	+0.4	23	25	-1	21	0	65	16	0	92	
336	EL 'ARISH	260	3	30	00	0	0	—	13.0	-0.2	24			16		69	18	0	101	
338	DAMANHUR	360	9	7	02	6	0	—	14.6	+1.0	21			15	-1	74	16	0	87	101
342	MANSURA	40	3	35	00	0	0	—	14.4	+1.2	24	32	0	17	0	61	16	0	62	54
348	TANTA	00	0	35	02	0	0	—	14.4	+0.8	22	34	+1	15	-1	65	15	0	65	43
354	ZAGAZIG	320	1	35	02	0	0	—			24	35	+2	16	0	61	16	0	30	27
440	ISMAILIA																			
366	FAROUK (Airport)											35								
372	ALMAZA											34	0							
	EZBEKIYA	30	3	12	00	0	0	—	14.3	+1.3	26	35	+2	18	0	42	12	0	61	26
	GIZA	30	3	12	00	0	0	—			23	35	+2	16	+1	61	15	0	58	26
378	HELWAN																			29
381	FAIYUM	360	8	35	02	0	0	—	13.6	+0.8	25	37	+2	19	+1	42	11	0	23	8
387	MINYA	360	13	10	00	0	0	—		-1.1	24	39	+3	19	+2	47	12	0	5	
393	ASYUT MANGABAD	330	6	14	00	0	0	—		-1.2	27	43	+6	22	+2	35	10	0	3	
399	NAG' HAMMADI	00	0	15	00	0	0	—	10.0	-0.5	28			22	+3	52	17	0	0.1	
402	QENA	00	0	35	00	0	0	—	9.6	-0.8	30			24	+3	35	13	0	2	
405	LUXOR																			
414	ASWAN	360	4	50	00	0	0	—	8.6	-1.8	33			28	+4	12	0?	0	dr.	
417	SIWA	80	5	14	00	0	0	—	15.4	+1.3	24	37	+2	18	+1	34	7	0	26	8
420	BAHARIYA	360	4	35	02	0	0	—	13.6	+0.4	26	39	+4	21	+3	30	7	0	1	7
423	FARAFRA	360	5	15	02	0	0	—	13.1		26	42		20		42	12	0	Rain	
432	DAKHLA	340	4	50	00	0	0	—	10.8	-1.1	30	47	+9	26	+6	31	11	0	dr.	
435	KHARGA	360	2	15	00	0	0	—	9.3	-1.5	33	46	+7	29	+7	30	13	0	dr.	
450	SUEZ	360	6	35	00	0	0	—	12.6	+0.3	26	35	+2			42	12	0	44	17
459	TOR	310	13	15	02	0	0	—	9.6	-0.6				23	+2		19	0	1	13
462	HURGHADA	330	23	30	02	0	0	—	9.6	-0.5	27	33?	+3	26	+5	58	18	0	Rain	
465	QUSEIR	360	9	15	02	0	0	—	9.3	-0.7	29	33	+2	24	0	59	20	0	dr.	4
341	PORT SUDAN	120	15	10	05	0	0	—	6.3			41		26				0	211	97
600	WADI HALFA	360	7	10	05	0	0	—	7.1		32	46		26		16	4	0	dr.	
640	ABU HAMAD	50	10	30	03	0	0	—			37	46		29		12	3	0		
660	KAREIMA	50	7	30	02	0	0	—	4.4		35	45		31		18	7	0	dr.	2
680	'ATBARA	70	15	10	07	0	0	—	3.8		38	46		30		9	0	0	dr.	6
701	KHARTUM	110	7	15	05	1	5	Ac, CS	3.8		35	46		32		20	9	0	0.6	7
730	KASSALA																			20
751	WAD MEDANI																			22
801	RENK																			79
802	ROSEIRES																			96
771	EL OBEID	250	16	30	01	2	4	AC	2.5		35	43		28		27	13	0	15	30
760	EL FASHER																			13
770	GENEINA																			21
840	MALAKAL	200	7	30	03	1	3	AC	5.6		30	38		23		59	21	0	177	174
880	WAU																			328
941	JUBA	180	10	30	03	2	7	Cb, AC	8.5		26	33		23		77	22	0	427	420

HUMIDITY %

Mean of day

STATION	on 22nd	Diff. from normal
Alexandria	77	+6
Ezbekiya	41	-9
Giza	47	-3
Helwan		

GIZA

GRASS MINIMUM TEMP. ON 23rd 15.5 °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 22nd

Height m.	Dakhla Dir.	Dakhla Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Almaza Dir.	Almaza Vel.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	Asyut Dir.	Asyut Vel.	Matruh Dir.	Matruh Vel.	Siwa Dir.	Siwa Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.	Dir.	Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		13	15	14		14		14		14		14		14		14				20		20	
300	50	6	20	16	330	4	30	6	350	14	340	14	30	11	80	5	60	16	360	14			10	16	10	26
600	50	5	20	16	340	4	30	9	360	11	330	9	50	15	360	7	90	14	360	13			10	19	10	22
1000	80	5	20	15	30	4	30	4	80	12	340	9	50	14	330	7	80	17	20	14			360	16	250	10
1500			40	12	290	17			240	3	330	3	20	4	340	8	90	17	50	13			20	14	310	10
2000					290	27			250	3	270	7	280	4	300	26							280	7	290	12
3000					280	35									240	33									320	24
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.	Dir.	Vel.
Time			4				2		6				2		8						8			
300			20	13			340	3	270	6			10	23	320	10					350	20		
600			10	9			30	3	340	12			20	26	360	14					340	22		
1000			10	14			350	4	350	18			30	16	340	16					340	34		
1500			360	10					340	12			60	8	290	12					300	18		
2000			340	12					320	18					290	13								
3000									300	25					280	12								
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		8		8																		4	
300	90	10	50	32	50	3																		
600	100	13	60	37	50	5																	210	19
1000	60	12	50	55	40	10																	220	25
1500	20	14			20	10																	210	20
2000	350	12			340	9																	70	9
3000	310	23																					40	21
4000	280	33																					20	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.

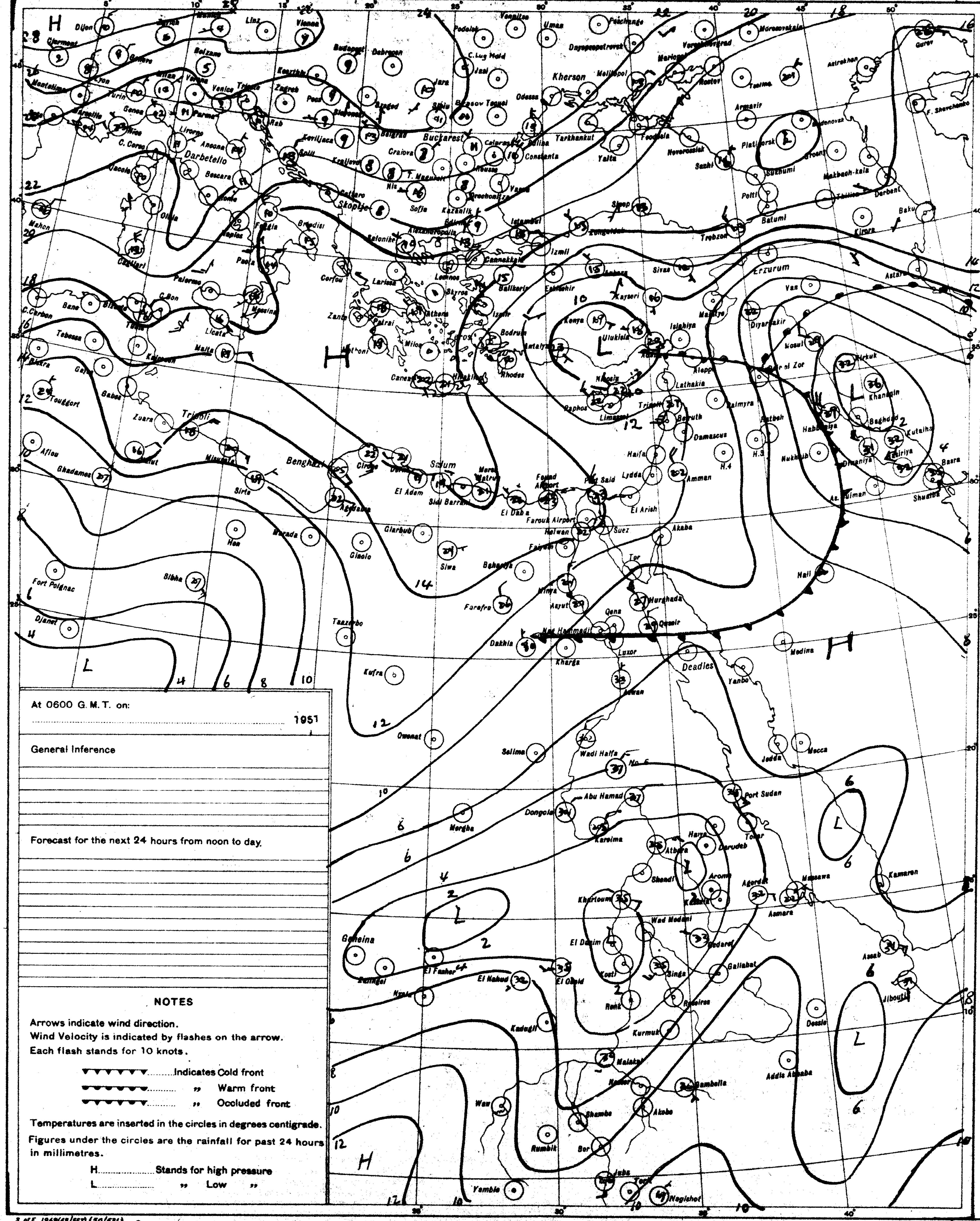
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 23.5. 1952



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

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 57 G.M.T.
" " Sunset 16 47 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Saturday 24th May, 1951 2

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	SALUM	90	2	35	03	0	6	AC	14.0	25	42	11
	309	SIDI BARANI	60	10	30	02	2	2	CS	14.2	22	69	16
	306	MATRUH	20	6	30	03	2	7	CS	15.0	25	42	11
	309	EL DABA	00	0	15	03	2	7	SC		25	54	15
		ALEXANDRIA	310	12	50	03	1	4					16
	318	FOUAD (Airport)	320	8	18	03	1	4	Ci	14.2	25	61	17
	330	DAMIETTA	320	5	35	02	0	0	—	14.6	26	42	12
	333	PORT SAID											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	0	0	—	14.3	29	40	14
	342	MANSURA	20	5	35	02	1	2	Cu	12.4	32	34	14
	348	TANTA	00	0	35	03	2	3	AS	12.8	32		
	354	ZAGAZIG	40	1	50	02	0	0	—	12.8	32	38	16
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	360	10	18	02	0	2	Ci	12.6	32	20	6
	372	ALMAZA	40	11	30	02	0	3	Ci	12.2	32	28	16
		EZBEKIYA	20	5	30	01	1	3	Ci	12.0	33	27	8
		GIZA	20	5	30	01	1	3	Ci	12.2	32	24	9
	378	HELWAN											
Upper Egypt	381	FAIYUM											
	387	MINYA											
	393	ASYUT MANQABAD											
	399	NAG' HAMMADI	290	1	35	00	0	0	—	7.9	42	18	13
	402	QENA	00	0	50	00	0	0	—	6.8	44	18	14
	405	LUXOR											
	414	ASWAN	20	4	50	00	0	0	—	5.0	45	3	-10
Oases	417	SIWA	110	10	14	00	0	0	—	14.3	33	16	4
	420	BAHARIYA	40	5	35	02	0	0	—	11.8	35	19	8
	423	FARAFRA	40	6	15	02	0	0	—	11.9	36	25	13
	432	DAKHLA	20	5	35	00	0	0	—	9.5	39	21	13
	435	KHARGA	360	4	7	00	0	0	—	8.3	40	19	12
Red Sea	450	SUEZ	360	5	50	02	0	0	—	10.0	32	24	9
	459	TOR	310	9	15	05	0	0	—	7.6	30	46	17
	462	HURGHADA	360	14	30	02	0	0	—	6.9	28	58	19
	465	QUSEIR	360	13	15	02	0	0	—		29	66	22
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM											
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL											
	880	WAU											
	941	JUBA											

At 1800 on Friday 23rd

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	40	2	15	02	1	4	Cu	13.3	21	57	12	0
SIDI BARANI	100	10	18	01	2	3	CS	12.9	21	69	15	0
MATRUH	40	1		02	2	7	CS	14.7	20	69	14	0
EL DABA	00	0	7	03	2	7			21	74	16	0
ALEXANDRIA	360	1	35	02	2	5	CC	14.6	21	74	16	0
FOUAD (Airport)	360	4	12	03	2	7	CS	14.2	20	83	17	0
DAMIETTA	320	2	7	02	0	4	Cu	13.6	21	74	16	0
PORT SAID	350	12	18	01	1	5	Ci	12.8	22	69	16	0
DAMANHUR	360	9	15	02	0	0	—	14.6	23	65	16	0
MANSURA	60	5		00	1	3		13.8	23	50	12	0
TANTA	00	0	35	02	2	0	—	14.6	25	47	13	0
ZAGAZIG	40	2	35	02	0	0	—	14.2	26	48	14	0
FAROUK (Airport)	20	13	12	01	1	2	Ci	13.9	26	40	11	0
ALMAZA	40	13	12	02	1	3	Ci	13.0	27	42	13	0
EZBEKIYA	20	5	12	01	1	2	Ci	14.4	25	45	12	0
GIZA	20	5	12	01	1	2	Ci	13.8	27	33	9	0
FAIYUM	360	2	35	02	0	0	—	12.6	20	49	9	0
MINYA	350	5	8	03	0	1	Ci	10.7	26	37	10	0
ASYUT MANQABAD	310	5	12	00	0	0	—	9.3	29	29	9	0
NAG' HAMMADI	00	0	15	00	0	0	—	7.8	32	28	11	0
QENA	270	1	7	00	0	0	—	6.7	35	19	8	0
ASWAN			15	00	0	0	—	5.6	40	6	-4	0
SIWA	30	6	8	01	1	3	AC Ci	13.4	30	17	2	0
BAHARIYA	40	3	15	02	0	0	—	12.2	30	21	5	0
FARAFRA	360	4	7	02	1	1	Cu	11.1	29	19	3	0
DAKHLA	340	11	15	00	0	0	—	9.1	34	22	9	0
KHARGA	[illegible]	5	15	00	0	0	—	9.4	35	15	5	0
SUEZ	360	8	15	02	0	0	—	11.9	25	42	11	0
TOR	310	9	15	05	0	0	—	8.4	27	55	17	0
HURGHADA	310	24	14	02	0	0	—	8.5	30	40	15	0
QUSEIR	360	2	15	02	0	0	—		28	62	20	0

At 0600 on Saturday 24th May, 1952

Station	Wind 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	Total from Oct. 1st	Normal from Oct. 1st
SALUM	200	15	15	00	0	0	—	8.2	-4.8	27	26	-2	17	-1	20	2	0	Rain	
SIDI BARANI	170	23	10	07	0	1	CS	7.8		26	25		18		23	3	0	165	
MATRUH											26								
EL DABA	180	5	15	00	0	0	—			23	27		15		44	10	0	214	
ALEXANDRIA	130	8	50	01	2	1	Ci	12.3	-1.5	21	26	-1	18	-1	74	16	0	166	185
FOUAD (Airport)	00	0	18	01	1	1	Ci	12.0	-1.0	23	26	-1	17	-1	61	15	0	Rain	138
DAMIETTA	180	2	15	00	0	0	—	12.1	-0.9	24	26	-1	16	-2	69	18	0	171	105
PORT SAID	220	6	15	03	0	1	Ci	11.4	-1.1	24	26	0	20	-1	69	18	0	92	
EL 'ARISH	170	4	30	00	0	0	—	12.2	-0.9	24	24		16		50	13	0	101	
DAMANHUR	130	9	7	02	1	1	Ci	12.6	-0.9	23	30	-1	17	+1	61	15	0	87	101
MANSURA	340	5	35	00	0	0	—	13.3	+0.1	25	32	0	18	+1	61	17	0	62	54
TANTA	00	0	35	02	0	0	—	12.6	-1.0	24	32	-1	14	-2	54	14	0	65	43
ZAGAZIG	00	0	35	02	0	0	—	12.8	-0.5	25	34	+1	16	0	54	15	0	30	27
FAROUK (Airport)	70	9	12	00	0	0	—	12.4		27	33		18		29	6	0	83	
ALMAZA	90	13	14	01	2	1	Ci	11.8	-0.9	27	33	-1	19	0	30	8	0	71	
EZBEKIYA	00	0	10	00	0	0	—	12.4	-0.5	26	33	0	19	+1	35	9	0	61	26
GIZA	00	0	10	00	0	0	—	12.6	-0.3	25	33	0	16	+1	47	13	0	58	26
HELWAN																			29
FAIYUM	00	0	35	02	0	0	—	12.1	-0.6	26	34	-1	17	-1	42	12	0	23	8
MINYA	00	0	8	00	0	0	—	10.1	-2.4	24	36	0	17	-1	54	14	0	5	
ASYUT MANQABAD											37	+2							
NAG' HAMMADI	00	0	15	00	0	0	—	9.0	-1.5	27	42	+5	20	+1	35	10	0	0.1	
QENA	40	1	35	00	0	0	—	9.8	-0.5	29	45	+6	21	0	29	9	0	2	
LUXOR																			
ASWAN	20	8	50	00	0	0	—	8.2	-2.1	31	46	+6	28	+4	12	-1	0	dr.	
SIWA	110	11	14	03	0	2	Ci	11.7	-2.4	24	35	0			32	6	0	26	8
BAHARIYA	90	3	35	02	0	0	—	12.6	-0.6	27	36	+1	18	0	23	6	0	1	7
FARAFRA	70	1	15	02	2	2	Ci	13.1		26	37		18		42	12	0	Rain	
DAKHLA	340	11	50	00	0	0	—	11.9	0.0	29	40	+2	24	+4	40	14	0	dr.	
KHARGA	360	2	15	00	0	0	—	10.3	-0.5	27	40	+1	25	+3	37	11	0	dr.	
SUEZ	360	3	35	00	0	1	Cu	11.1	-1.2	26	33	0	18	-1	37	10	0	44	17
TOR	310	9	35	02	0	0	—	7.6	-0.6	26			21	0	51	15	0	1	13
HURGHADA	330	16	30	02	0	0	—	8.7	-1.3	26	30	0	24	+2	45	13	0	Rain	
QUSEIR	360	9	15	02	0	0	—	8.3	-1.8	28	31	+1	25	+1	58	19	0	dr.	4
PORT SUDAN																			97
WADI HALFA	10	8	15			0	—				46					5	0	dr.	
ABU HAMAD	50	3	30	02	0	0	—			35	47		25		12	1	0		
KAREIMA	70	6	30	02	0	0	—	4.9		34	46		29		20	8	0	dr.	2
'ATBARA	40	5	30	02	0	0	—	4.0		35	46		27		9	-2	0	dr.	6
KHARTUM	200	9	30	02	0	0	—	3.0		33	46		29		34	15	0	0.6	7
KASSALA	90	7	30	02	0	0	—	2.6			44		28			7	0	49	21
WAD MEDANI																			22
RENK	90	2	35	02	2	5	Ca	7.0		28	37				66	21			80
ROSEIRES																			98
EL OBEID	230	15	70	03	0	7	AC CS	4.5		29	41		27		94	28	0	15	31
EL FASHER	140	8	30	03	0	8	AC, CS			30	43		29		38	14	0	13	13
GENEINA	220	7	50	01	2	8	AC, CS			27	42		25		62	19	0		22
MALAKAL	180	7	30	02	2	7	Ac	6.5		26	39		23		74	21	dr.	177	177
WAU																			333
JUBA	180	12	50	03	2	8	AC, CS	9.0		27	33		22		70	21	0	427	425

HUMIDITY %

Mean of day

Station	on 23rd	Diff. from normal
Alexandria	72	+1
Ezbekiya	41	-9
Giza	42	-8
Helwan		

GIZA GRASS MINIMUM TEMP. ON 24th 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 ..... At .....

Pressure 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.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. 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.	[illegible] Dir.	[illegible] Vel.	[illegible] Dir.	[illegible] Vel.	[illegible] Dir.	[illegible] Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		14						20		20	
300	30	8	340	19	330	15	360	17	330	14	130	8	20	19	10	21	80	12					20	28	340	11
600	10	4	340	19	320	20	10	21	340	17	120	9	20	9	10	19	170	6					10	24	340	16
1000	290	5	340	20	320	22	10	16	340	15	80	6	20	31	10	14	230	9					30	35	340	14
1500	300	7	340	15	320	16	340	9	320	15	100	14	50	14	10	10	300	10							340	3
2000			340	19	300	10			320	12	90	11					290	10							330	29
3000											10	14					330	23							320	23
4000											360	19					320	23								
5000																	290	13								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

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	8		4				2						2		8				8		8			
300	180	19	140	18			160	5					30	22	20	7			10	11	50	8		
600	190	30	140	16			60	8					40	24	10	8			60	4	360	3		
1000	180	30	150	10			360	6					30	24	20	16			20	9	330	10		
1500	160	28	40	3									30	22	40	21			310	4	320	11		
2000			120	3									30	24	30	20			70	3				
3000																			280	13				
4000																			270	20				
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																	
300	140	23			90	13	360	16																
600	150	27	140	14	80	9	360	20																
1000	150	23	120	16	80	13	10	19																
1500	180	19	130	17			10	10																
2000	210	14	120	30																				
3000	280	15																						
4000	270	17																						
5000	280	21																						
6000																								
7000																								
8000																								

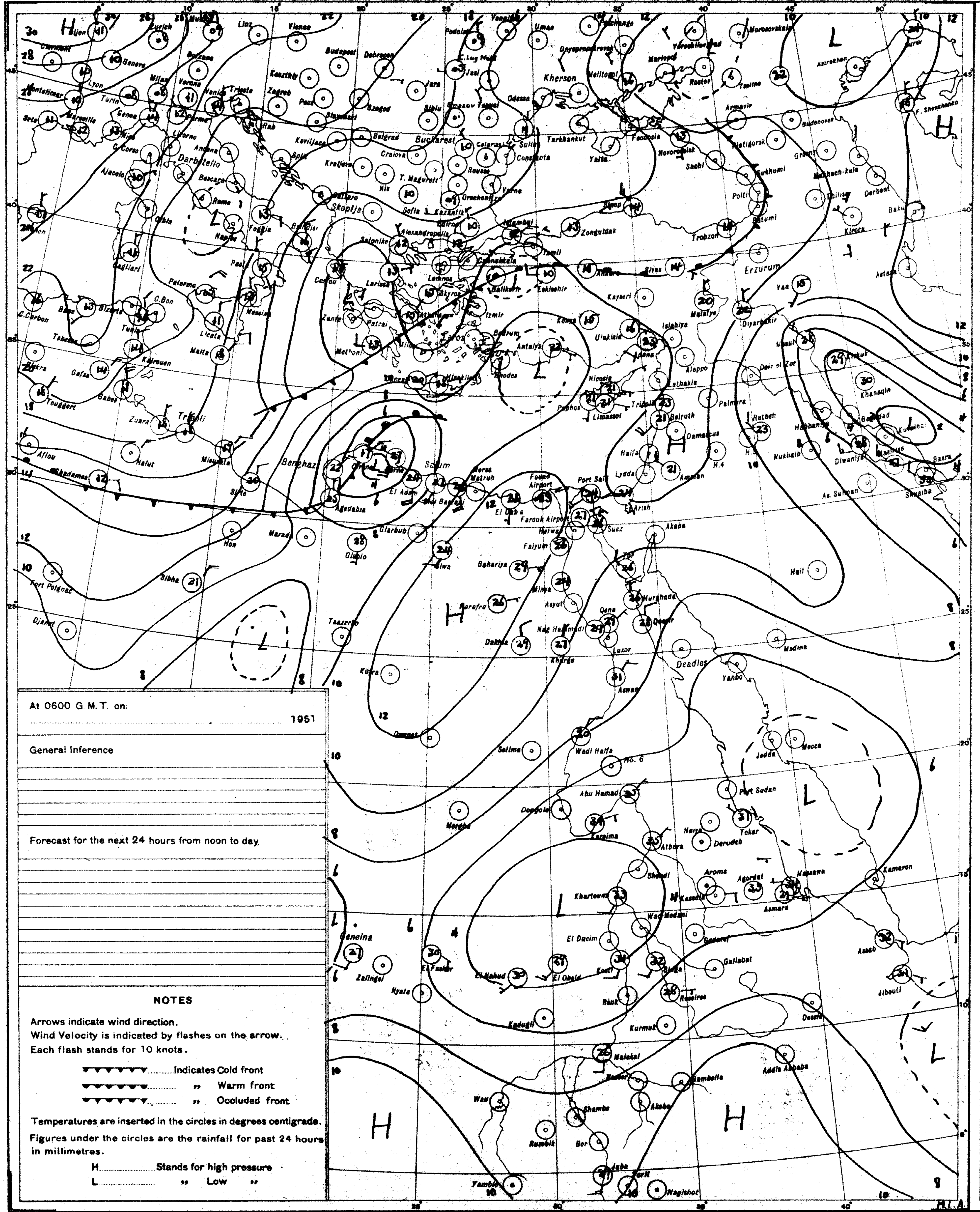
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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/V/1952



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(45/557) (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: Sunday 25th May, 1951 2

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	SALŪM											
	303	SĪDI BARĀNI	180	18	10	07	0	1	AC		38	16	8
	306	MATRŪH	170	16	30	07	1	2	AC	7.5	36		
	309	EL DABʼA	110	3	35	01	1	2	Cu		35	15	5
		ALEXANDRIA	40	17	50	00	0	0	—	9.8	33?	25	10
	318	FOUAD (Airport)	130	8	18	02	0	0	—	9.0	33	21	8
	330	DAMIETTA	160	2	35	02	0	0	—	9.5	24	54	14
	333	PORT SAʼĪD	60	11	30	02	0	0	—	9.5	25	70	19
	336	EL ʼARISH											
Lower Egypt	339	DAMANHŪR	130	5	15	02	0	0	—	10.2	34	27	12
	342	MANSŪRA	360	9	35	00	0	0	—	10.8	32	38	16
	348	TANTA	220	5	35	02	0	0	—	10.2	34	27	12
	354	ZAGAZIG	40	1	50	02	0	0	—	10.2	33	30	13
	440	ISMAʼĪLIA											
Cairo Area	366	FAROUK (Airport)	70	6	18	00	0	0	—	9.1	35	13	3
	372	ALMĀZA	90	9	18	00	0	0	—	9.4	36	22	11
		EZBEKĪYA	00	0	30	00	0	0	—	8.0	37	16	7
		GĪZA	00	0	30	00	0	0	—	9.2	37	14	6
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	360	4	35	03	1	2	Ci	9.8	36	17	7
	387	MINYA	20	8	10	03	1	3	Ci	7.4	38	14	6
	393	ASYŪT MANQABĀD	20	6	30	02	0	1	Ci	7.0	39	15	8
	399	NAGʼ HAMMĀDI	00	0		00	0	0	—	7.4	39	21	13
	402	QENA	220	1	50	00	0	0	—	6.8	41	22	15
	405	LUXOR	40	4	30	00	0	0	—	5.6	40	8	0
	414	ASWĀN	320	3	50	00	0	0	—	4.2	43	5	-4
Oases	417	SĪWA	180	11	14	02	0	2	Ci	9.4	38	9	-1
	420	BAHARĪYA	90	2	35	02	2	6	Ci	9.3	37	14	6
	423	FARAFRA	130	3	35	02	2	4	Ac	9.4	38	24	14
	432	DAKHLA	20	5	50	00	0	0		7.4	38	24	14
	435	KHARGA	360	2	35	00	0	0	—	6.7	38	19	11
Red Sea	450	SUEZ	40	3	50	01	0	0	—	8.3	34	22	9
	459	TŌR	310	9	50	01	0	1	Ci	7.6	30	40	15
	462	HURGHADA	30	10	30	02	0	0	—	8.2	27	62	19
	465	QUSEIR	360	13	15	02	0	0	—	8.6	30	66	23
	641	PORT SŪDĀN	90	11	30	02	0	0	—	5.6	33	56	23
North Sūdān	600	WĀDI HALFA	170	4	30	02	0	0	—	2.9	45	10	7
	640	ABU HAMAD	90	2	30	02	0	0	—		45		
	660	KAREIMA											
	680	ATBARA	90	12	10	07	0	0	—	999.7			-7
	721	KHARTŪM	70	10	30	03	1	6	Cu, Ci	999.9	43	9	3
	780	KASSALA											
Central Sūdān	751	WĀD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	270	5	30	03	1	7	Cb, Cs	0.9	37	27	15
	760	EL FĀSHER											
	770	GENEINA	230	3	30	02	2	8	Cs		37	24	13
S. Sūdān	840	MALAKĀL	230	3	30	03	2	8	Cu, AC	5.9	40	32	20
	880	WĀU	290	5	30	01	2	7	Cu				20
	941	JUBA											

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.
SALŪM	290	37	0.8	33	9	0	—	4.6	23	69	17	0
SĪDI BARĀNI	290	19	12	02	3	1	AC	4.3	23	65	16	0
MATRŪH	180	13	10.7	02	2	6	Cu	4.3				0
EL DABʼA	00	0	7	01	1	2	Cu				16	0
ALEXANDRIA	90	16	35	01	0	2	AC	7.6	25	61	17	0
FOUAD (Airport)	50	10	12	02	0	0	—	7.6	24	69	18	0
DAMIETTA	70	2		02	0	0	—	9.3	24	69	18	0
PORT SAʼĪD												
EL ʼARISH												
DAMANHŪR	130	5	15	02	0	0	—		23	65	16	0
MANSŪRA	40	3		00	0	0	—	9.4	26	48	14	0
TANTA	00	0	35	02	0	0	—	8.3	30	40	15	0
ZAGAZIG	00	0	35	02	0	0	—	8.6	28	45	15	0
ISMAʼĪLIA												
FAROUK (Airport)	70	16	12	01	0	0	—	7.5	32	20	6	0
ALMĀZA	90	5	12	00	0	0	—	7.8	32	28	11	0
EZBEKĪYA	00	0	12	00	0	0	—	8.6	29	29	9	0
GĪZA	00	0	12	00	0	0	—	8.3	32	20	6	0
HELWĀN												
FAIYŪM	00	0	35	02	0	0	—	6.7	29	29	9	0
MINYA	00	0	8	02	1	1	Ci	6.1	28	27	7	0
ASYŪT MANQABĀD	240	4	14	00	0	0	—	6.4	32	22	8	0
NAGʼ HAMMĀDI	00	0	15	00	0	0	—	6.4	29	35	12	0
QENA	00	0	7	00	0	0	—	6.0	32	28	11	0
LUXOR												
ASWĀN	00	0	15	00	0	0	—	5.3	38	6	-5	0
SĪWA	170	6	8	01	0	0	—	6.4	34	19	7	0
BAHARĪYA	00	0	15	02	2	0	—	8.4	30	25	8	0
FARAFRA	00	0	15	02	2	6	AC	8.0	34	32	15	0
DAKHLA	20	5	15	00	0	0	—	7.4	34	22	9	0
KHARGA	00	0	15	00	0	0	—	7.7	33	12	0	0
SUEZ	00	0	15	02	0	0	—	7.4	30	35	13	0
TŌR	310	5	35	02	0	0	—	7.8	27	52	16	0
HURGHADA												
QUSEIR	360	2	15	02	0	0	—	7.9	29	23	6	0

At 0600 on Sunday 25th May, 1952

Station	Wind 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	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALŪM	320	13	15	03	2	7	Cu, AC	11.9	-1.1	20	40	+12			46	8	0	Rain	
SĪDI BARĀNI	320	20	15	00	2	7	CS	10.9		20	39		19		60	12	0	115	
MATRŪH	290	17	30	03	2	6	SC, Cu	11.1	-2.7	21	38				74	16	0	135	
EL DABʼA							cb			21	36		20				0	214	
ALEXANDRIA	310	23	50	03	2	6	SC	8.8	-5.0	21	33	+6	20	+1	88	19	0	166	185
FOUAD (Airport)	290	16	8	05	0	6	SC	8.3	-4.6	22	34	+7	20	+2	78	18	0	Rain	138
DAMIETTA	140	2	15	00	0	0	—	6.3	-6.6	27	34	+7	22	+4	52	16	0	171	105
PORT SAʼĪD	140	17	12	02	0	0	—	5.8	-7.2	27			23	+2	45	14	0	92	
EL ʼARISH	110	4	30	00	0	0	—	7.0	-6.1	27			16		35	10	0	101	
DAMANHŪR	310	13	7	02	0	0	—	8.0	-?	24	35	+4	17	+1	61	16	0	87	101
MANSŪRA	320	3	35	00	0	0	—	7.6	-?	27	34	+2	19	+2	42	13	0	62	54
TANTA	90	5	35	02	0	0	—	8.2?	-5.3	26	35	+2	18	+2	62	18	0	65	43
ZAGAZIG	00	0	35	02	0	0	—	7.2	-6.1	28	35	+2	16	0	45	15	0	30	27
ISMAʼĪLIA																			
FAROUK (Airport)	320	7	7	05	0	0	—	7.5		35			23				0	83	
ALMĀZA	250	10	12	00	0	0	—	7.0	-5.6	36	38	+4	22	+3	29	15	0	71	
EZBEKĪYA	00	0	12	00	0	0	—	8.7	-4.2	35	38	+4	21	+3	30	15	0	61	26
GĪZA	00	0	12	00	0	0	—	7.9	-5.0	31	37	+4	19	+4	31	12	0	58	26
HELWĀN																			29
FAIYŪM	00	0	35	02	0	0	—	7.9	-4.8	30	38	+3	21	+3	31	11	0	23	8
MINYA	00	0	10	00	0	0	—	7.4	-5.1	29	39	+3	18	0	31	10	0	5	
ASYŪT MANQABĀD	100	3	12	00	0	0	—	7.8	-4.0	32	40	+3	23	+3	26	10	0	3	
NAGʼ HAMMĀDI	00	0	15	00	0	0	—	9.4	-1.0	29	40	+3	19	0			0	0.1	
QENA	00	0	35	00	0	0	—	8.6	-1.6	28	43	+4	22	+1	27	7	0	2	
LUXOR																			
ASWĀN	360	4	50	00	0	0	—	9.0	-1.3	31	44	+4	26	+2	17	3	0	dr.	
SĪWA	340	13	14	03	1	5	Cu, Sc	14.2	+0.1	22	40	+5	19	+2	53	12	0	26	8
BAHARĪYA											39	+4							7
FARAFRA	00	0	35	02	2	1	AC	11.8		29	39		19		35	12	0	Rain	
DAKHLA	00	0	50	00	0	0	—	8.7	-3.1	28	40	+2	21	0	27	7	0	dr.	
KHARGA	00	0	35	00	0	0	—	8.2	-2.5	28	39	0	21	-1	40	13	0	dr.	
SUEZ	180	4	35	00	0	0	—	7.2	-5.1	30	37	+4	20	+1	35	13	0	44	17
TŌR	360	2	50	02	0	0	—	7.5	-2.6	30			20	-1	40	15	0	1	13
HURGHADA																			
QUSEIR	330	2	15	03	1	4	Ci	8.7	-1.3	32	36	+4	22	-2			0	dr.	4
PORT SŪDĀN	340	8	30	02	0	0	—	8.1		31	35		24		55	21	0	211	97
WĀDI HALFA						0	—				46		25			3	0	dr.	
ABU HAMAD	90	3	30	02	0	0	—			35	45		24		11	0	0		
KAREIMA	50	4	30	02	0	0	—	5.7		33	45				23	9	0	dr.	2
ATBARA	190	6	10	05	0	0	—	6.5		35	45		27		9	-3	0	dr.	6
KHARTŪM	200	16	10	06	0	2	Ci	6.6		31	45		29		46	18	0	0.6	7
KASSALA																			21
WĀD MEDANI	240	9	35	02	2	8	AS	6.9		29	42		26		46	16	0	40	23
RENK	230	5	35	01	1	8	Ac			25	39		20		79	21	11		81
ROSEIRES																			100
EL OBEID	150	12	30	03	1	5	Cs	8.9		28	38		26		55	18	dr.	15	31
EL FĀSHER	180	6	30	02	1	0				28	41		26		58	19	0	13	13
GENEINA																			23
MALAKĀL	20	4	30	03	2	8	Ac, Cs	11.2		25			27		74	20	dr.	177	180
WĀU	200	6	30	02	2	8	AC	9.6		25			24		79	21	0	Rain	338
JUBA																			430

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	65	-6
Ezbekiya	30	-21
Giza	31	-19
Helwan		

GIZA
GRASS MINIMUM TEMP.
ON 25th 16.0

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

FAROUK 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.
1000						1000					
950						950					
900						900					
850						850					
800						800					
700						700					
600						600					
500						500					
400						400					
300						300					

UPPER WIND OBSERVATIONS on 24th

Station	Hurghada		Asyut		Matruh		Kharga		Port Said		Dakhla		Siwa		Minya										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	340	13	350	8	190	12	360	15	70	8	60	5	180	20	60	12									360	2
600			10	6	200	16	360	17	70	9	50	6	190	18	70	10									360	3
1000			360	11	200	15	360	16	100	12	60	5	200	17	60	6									350	4
1500			40	10			360	11	120	16	40	5	210	18	40	10									350	12
2000			20	10									230	30												
3000			350	15									250	22												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Station	SĪDI BARĀNI		MATRŪH		FOUAD AIRPORT		PORT SAʼĪD		EL ʼARĪSH		HELWĀN		MINYA		ASYŪT MANQABĀD		LUXOR		ASWĀN		HURGHADA			
Time	8		4				2						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	320	17	320	11			120	20					350	8	130	15			10	8				
600	310	18	300	14			130	14					340	9	140	17			20	8				
1000	310	23	320	18			170	10					350	6	140	9			40	16				
1500							170	9					350	7	90	12			10	20				
2000															90	8			340	13				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SĪWA		BAHARĪYA		DAKHLA		KHARGA		WĀDI HALFA		ABŪ HAMAD		KAREIMA		KHARTŪM		KASSALA		EL OBEID		EL FĀSHER		MALAKĀL	
Time	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	360	30	320	33																				
600	360	20	320	27																				
1000	340	17	320	23																				
1500	290	23																						
2000	260	36																						
3000	250	42																						
4000																								
5000																								
6000																								
7000																								
8000																								

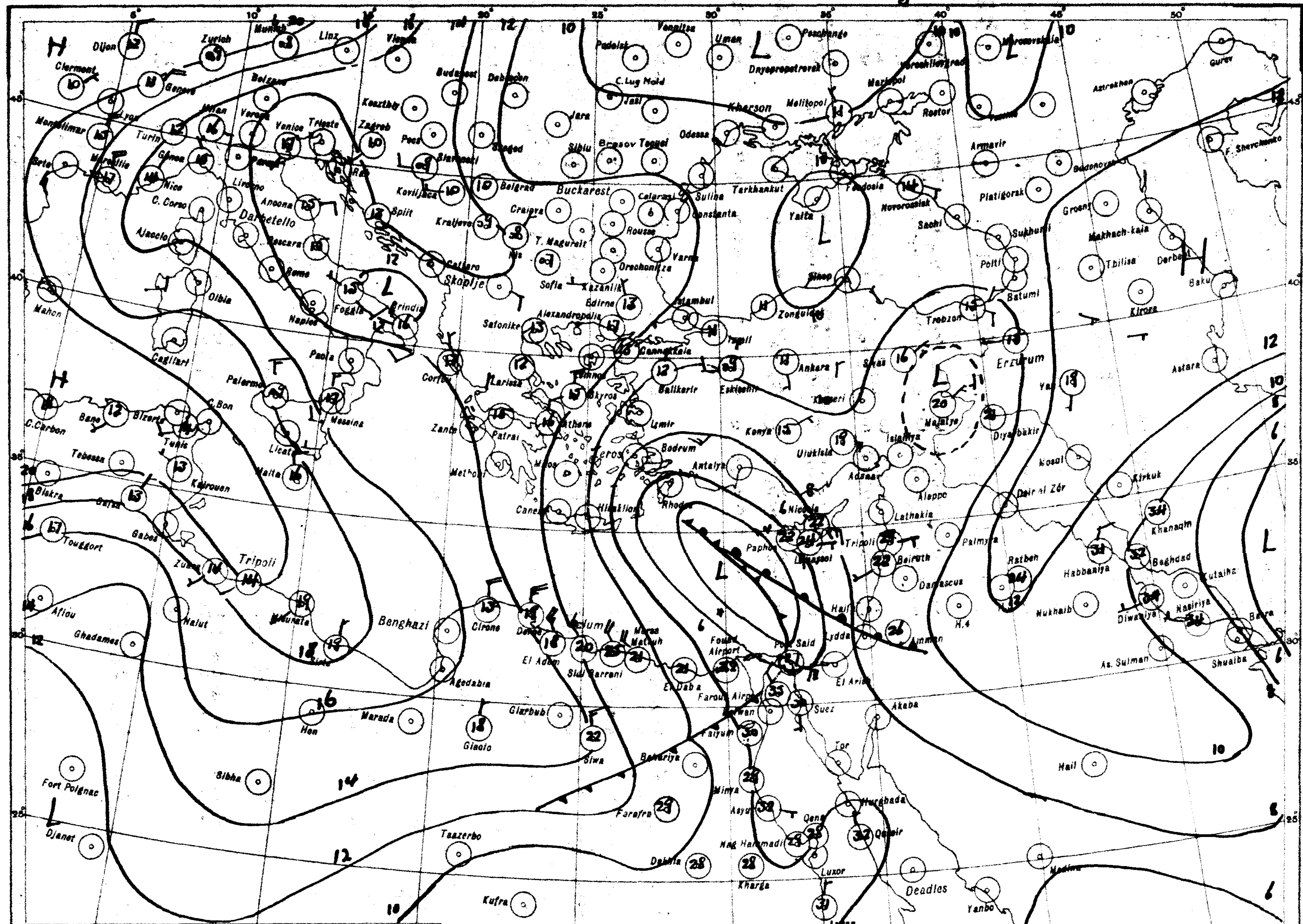
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

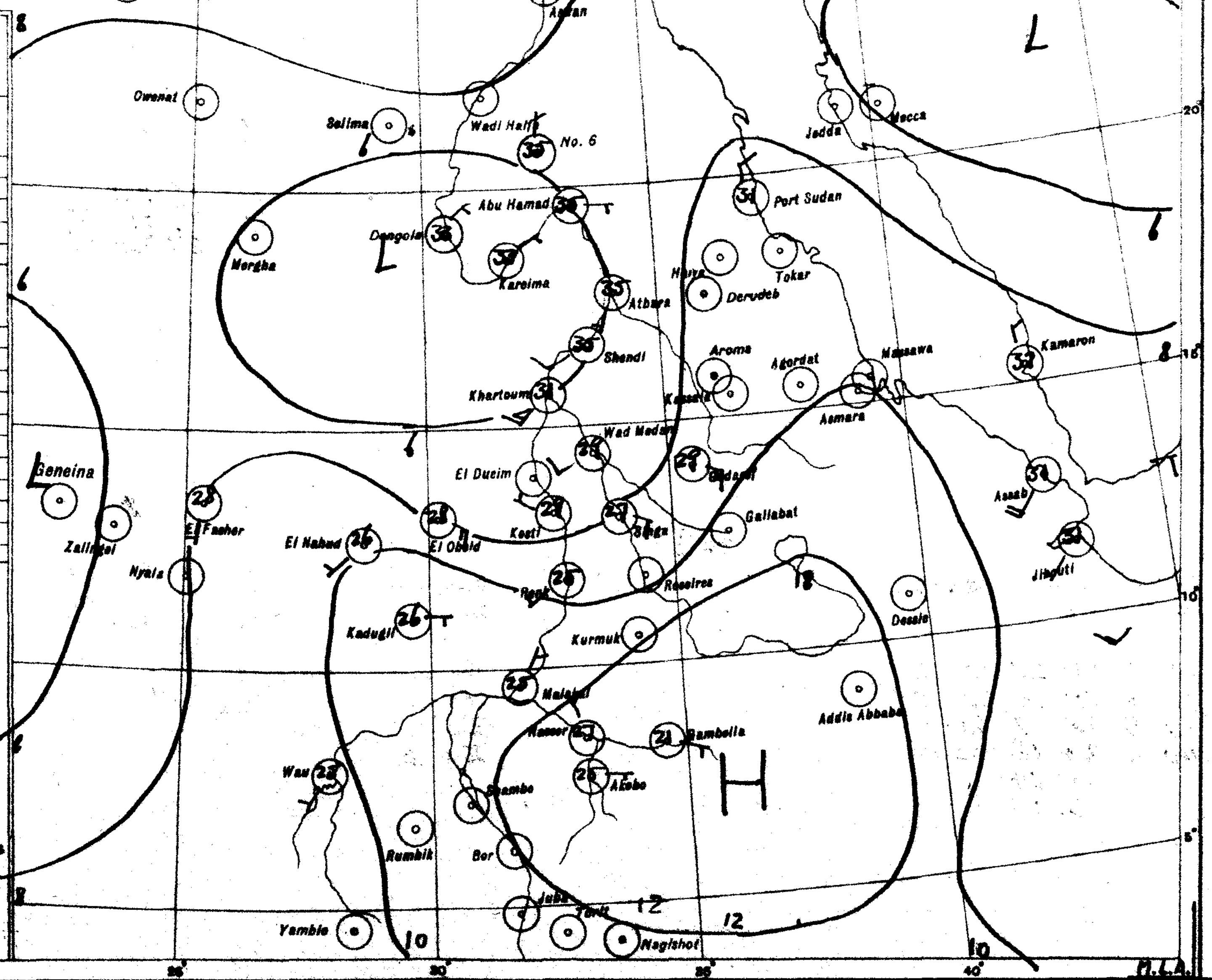
Note: All times are G.M.T.

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 25/5/ 1952





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.L.A.

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: Monday 26th May, 1951 2

At 1200 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
Salûm	320	13	35	00	0	1	Cu	12.6	23	32	5
Sidi Barâni	320	19	18	02	2	3	Cu	12.4	22	47	10
Matrûh	300	16	30	01	2	5	Cu,CS	12.3	22	47	10
El Daba	320	18	35	03	2	8	St		22	65	15
Alexandria	310	22	50	02	2	7	Sc	11.4	22	74	17
Fouad (Airport)	310	20	12	05	2	7	Sc,Ac	11.1	24	65	17
Damietta	290	9		03	0	7	Sc	9.5	24	74	19
Port Saîd	330	18	12	03	1	7	Ac	7.1	26	70	20
El Arish	270	20	10	35	3	3	Ci	7.2			15
Damanhûr	310	9	15	02	1	4	Ac	10.7	25	61	17
Mansûra	320	9	35	02	1	2	Ci	9.8	29	52	18
Tanta	360	8	35	01	1	3	Cu	9.4	34	32	15
Zagazig	320	1	50	03	1	6	Ac, Ci	8.7	34	41	19
Ismailia											
Farouk (Airport)	320	10	12	03	1		Ci	8.8	33	30	13
Almaza	320	13	30	01	1	3	Ac	8.6	33	47	20
Ezbekiya	270	6	18	02	1	6	Cs	8.2	34	32	15
Gîza	270	6	18	02	1	6	Cs	8.3	34	32	15
Helwân	240	8	15	03	2	7	Ac	8.2	35	23	11
Faiyûm	360	6	35	03	1	3	Ci	7.5	38	19	11
Minya	250	4	12	00	0	0	—	6.5	43	13	9
Asyût Mangabad	280	2	18	00	0	0	—	6.7	43	12	8
Nag Hammâdi	00	0	35	01	0	3	Ac,Ci	7.8	42	15	10
Qena	180	1	50	00	0	0	—	8.0	43	20	15
Luxor											
Aswân	40	4	50	00	0	0	—	5.9	42	6	-2
Sîwa	290	13	14	02	2	4		13.6	28	22	4
Bahariya	360	2	35	03	2	7	Ac	8.2	35	29	14
Farafra	360	11	15	02	2	4		9.6	35	29	14
Dakhla	320	5	35	00	0	0	—	7.1	43	12	8
Kharga	00	0	35	00	0	0	—	6.7	45	13	10?
Suez	180	3	50	03	0	3	Cu	7.8	35	23	11?
Tôr	220	5	50	02	0	0	—	7.2	31	70	25
Hurghada	90	5	30	02	0	0	—	7.0	34	50	22
Quseir	360	5	15	01	0	0	—	8.6	30	43	16
Port Sûdân											
Wâdi Halfa											
Abu Hamad											
Kareima											
Atbara											
Khartûm											
Kassala											
Wad Medani											
Renk											
Roseires											
El Obeid											
El Fâsher											
Geneina											
Malakâl											
Wau											
Juba											

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	320	5	15	00	0	0	—	14.8	19	37	4	0
Sidi Barâni	340	16	15	02	1	3	Cu	14.4	18	60	10	0
Matrûh	210	10	12	01	1	2	Cu	14.5	19	56	10	0
El Daba												
Alexandria	310	20	35	01	2	6	Cu	13.0	20	83	17	0
Fouad (Airport)	290	15	12	02	2	6	Sc,Ac	12.4	20	83	17	0
Damietta	320	9		01	1	5	Sc	12.6	21	83	18	0
Port Saîd	290	16	14	01	1	4	Ac	10.5?	22	83	19	0
El Arish	320	6	7	02	2	6	Ac,Ci	12.8?	23	66	16	0
Damanhûr	310	9	15	02	1	5	Ac	12.7	19	83	16	0
Mansûra	320	5		03	2	6	Sc,Ac	12.7	22	74	17	0
Tanta	90	2	35	01	1	3	Cu	12.6	24	69	18	0
Zagazig	320	1	35	02	1	0	—	11.9	23	65	16	0
Ismailia												
Farouk (Airport)	320	12	12	01	2	3	Sc	11.8	24	61	16?	0
Almaza	320	8	10	03	2	6	As	11.4	23	84	20?	0
Ezbekiya	340	6	12	01	1	3	Ac,Ci	11.9	23	57	14	0
Gîza	340	6	12	01	1	3	Ac,Ci	11.3	24	64	14	0
Helwân	320	19	7	02	2	7	Ac	11.6	24	61	16	0
Faiyûm	360	2	35	02	1	3	Ci	9.3	29	40	14	0
Minya	10	8	8	00	1	0	—	7.6	30	40	15	0
Asyût Mangabad	300	11	12	00	0	0	—	7.1	35	35	13	0
Nag Hammâdi	00	0	15	01	0	3	Ac,Ci	7.0	30	33	12	0
Qena	00	0	7	00	0	0	—	7.0	32	38	16	0
Luxor												
Aswân	00	0	50	00	0	0	—	6.2	39	5	-8	0
Sîwa	320	10	10	01	1	0	—	13.6	26	20	1	0
Bahariya	320	2	15	01	2	4	Ac	10.4	28	45	15	0
Farafra	320	5		02	2	2	Ac	11.5	28	33	10	0
Dakhla	340	18	7	00	0	0	—	8.3	36	33	17	0
Kharga	00	0	15	00	0	0	—	8.3	37	14	6	0
Suez	90	9	15	01	0	0	—	8.8				0
Tôr	220	5	35	02	1	0	—	6.8	31	31	12	0
Hurghada	180	5	12	02	0	0	—	6.5	30	33	12	0
Quseir	360	2	15	02	0	0	—	7.0	30	25	8	0
Port Sûdân												

At 0600 on Monday 26th May, 1952

Station	Wind 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	Rain 1	Rain 2	Rain 3
Salûm	290	5	15	00	0	0	—	16.6	+3.6	19	24	-4	15	-3	52	9	0	Rain	
Sidi Barâni	320	14	18	00	0	0	—	16.3		20	22		17		60	8	0	115	
Matrûh	300	12	18	02	1	4	Cu	16.6	+2.8	20	23		14		56	11	0	135	
El Daba																			
Alexandria	310	15	50	03	2	4	Cu	16.5	+1.8	21	24	-3	19	0	65	14	0	166	185
Fouad (Airport)	340	10	18	03	1	4	Cu	15.5	+2.6	22	24	-3	18	0	65	15	0	Rain	138
Damietta	200	2	7	03	1	7	Cu	14.6	+1.7	22	24	-3	17	-2	74	17	0	171	105
Port Saîd	320	8	15	01	0	1	Sc	14.0	+1.1	22			20	-1	74	17	0	92	
El Arish																			
Damanhûr	310	9	15	02	1	1	Cu	15.2	+1.7	21	26?	-5	15	-2	74	16	0	87	101
Mansûra	320	5	35	02	1	3	Cu	15.4	+2.3	23	33	+1	17	0	61	15	0	62	54
Tanta	310	2	35	01	1	4	Cu	15.2	+1.7	19	34	+1	15	-1	83	16	0	65	43
Zagazig	320	1	35	03	1	3	Cu	16.0	+2.8	22	35	+2	16	0	65	15	0	30	27
Ismailia																			
Farouk (Airport)	340	5	12	01	1	4	Sc	16.3		20	35		19		73	15	0	83	
Almaza	10	9	12	02	2	6	Sc,Ac	15.5	+2.9	20	36	+2	18	-1	83	17	0	71	
Ezbekiya	360	6	10	01	1	3	Ac	15.3	+2.4	24	35	+1	19	+1	44	11	0	61	26
Gîza	360	6	10	01	1	3	Ac	16.2	+3.4	21	35	+2	18	+2	88	19	0	58	26
Helwân	340	11	15	02	1	5	As	16.0	+3.3	20	36	+3	18	-1	64	13	0	59	29
Faiyûm	360	6	35	02	1	3	Ci	16.0	+3.3	22	38	+3	18	0	57	13	0	23	8
Minya	350	13	8	00	1	0	—	14.2	+1.7	22	44	+8	20	+2	65	15	0	5	
Asyût Mangabad	360	4	18	00	0	0	—	13.7	+2.0	24	44	+7	21	+1	47	12	0	3	
Nag Hammâdi		5	14	00	0	0	—	12.2	+1.9	27	42	+5	20	+1	55	17	0	0.1	
Qena	220	1	35	00	0	0	—	12.2	+2.0	28	44	+5	22	0	52	17	0	2	
Luxor																			
Aswân	00	0	50	00	0	0	—	9.3	-0.9	34	43	+3	26	+1	22	9	0	dr.	
Sîwa	340	5	14	00	0	0	—	18.6	+4.5	19	30	-5	15	-2	49	8	0	26	8
Bahariya	360	4	35	02	0	0	—	16.4	+3.2	20	38	+3	17	-1	64	13	0	1	7
Farafra	20	12	15	02	0	3	Ac	11.7		21	36		17		50	10	0	Rain	
Dakhla	340	11	35	00	0	0	—	11.4	-0.4	26	45	+6	23	+2	62	18	0	dr.	
Kharga	360	6	7	00	0	0	—	12.8	+2.1	26	45	+6	23	+1	48	14	0	dr.	
Suez	360	3	35	00	0	2	Sc	14.2	+2.0	23	35?	+2	19	-1	65	16	0	44	17
Tôr	310	9	15	05	0	0	—	11.8	+?.5	27			20	-2	62	19	0	1	13
Hurghada	340	28	14	02	0	0	—	10.7	+0.7	25	34	+4	20	-2	58	16	0	Rain	
Quseir	20	5	15	02	0	0	—	10.2	+0.2	28	33	+1	24	0	70	22	0	dr.	4
Port Sûdân																			97
Wâdi Halfa																			
Abu Hamad																			
Kareima																			2
Atbara																			6
Khartûm																			7
Kassala																			21
Wad Medani																			23
Renk																			83
Roseires																			102
El Obeid																			32
El Fâsher																			14
Geneina																			24
Malakâl																			183
Wau																			343
Juba																			435

HUMIDITY % Mean of day

Station	25th	Diff. from normal
Alexandria	82	+11
Ezbekiya	54	+3
Giza	41	-9
Helwan	41	+3

[illegible] 26th 16.7

Remarks

UPPER AIR OBSERVATIONS

Aerological Ascent — On At

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. °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 25th

Station	Matruh		Minya		Asyut		Siwa		Dakhla		Kharga		S.Barani								Almaza				Minya	
Time	14		14		14		14		14		14		14								11	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	310	20	220	5	240	4	320	20	10	5	110	2	310	35							310	24			360	21
600	310	28	220	9	220	4	310	17	330	7	170	3	300	33							300	16			350	20
1000	290	19	220	8	240	7	310	16	330	6	210	4	310	30							280	26			340	11
1500			230	10	260	8	320	21	320	3			300	22							270	14			280	6
2000					260	9	300	26													270	38				
3000							250	40																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada			
Time			4		8		2						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			320	15	320	11	310	10					360	17					360	15				
600			320	12	330	11	320	7					360	27					40	10				
1000			320	16	330	7	320	9					330	21					80	10				
1500			330	10	270	19	310	5					300	12					100	4				
2000							260	2											50	3				
3000							280	9																
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																	
Height m.	Dir.	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	9	10	25	360	11	360	23																
600	360	7	350	35	360	23	360	29																
1000	350	9	350	38	10	13	360	30																
1500	320	16	360	26	360	10																		
2000	290	24																						
3000	270	23																						
4000	270	44																						
5000	270	63																						
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.

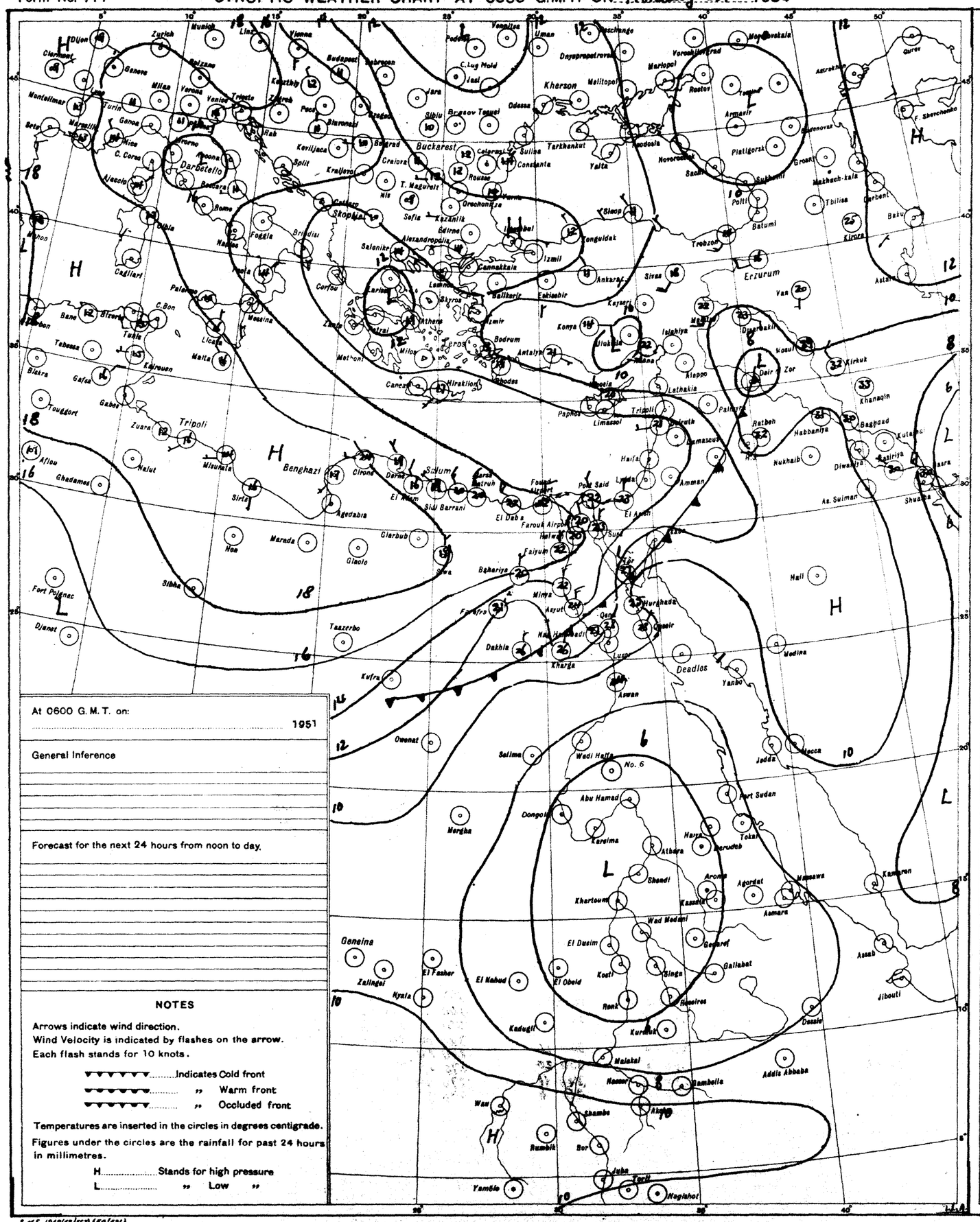
Note: All times are G.M.T.

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 26/5/1952



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(43/257) (30/231)

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: Tuesday 27th May, 1951 2

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	SALUM	20	9	35	00	0	0	—	16.3	21	50	10
	303	SIDI BARANI	320	8	30	00	0	0	—	16.5	21	53	11
	306	MATRUH	320	14	30	02	1	1	Cu	17.3	22	41	8
	309	EL DABA	360	6	35	00	0	0	—		22	50	11
		ALEXANDRIA	310	17	50	02	2	3	Cu	16.4	22	50	11
	318	FOUAD (Airport)	310	16	18	02	1	1	SC	16.1	23	47	11
	330	DAMIETTA	340	2	35	01	1	1	Cu	15.4	23	65	16
	336	PORT SAID	40	11	30	02	0	1	Cu	16.8	25	58	16
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	1	2	Cu	14.8	28	40	13
	342	MANSURA	360	5	35	03	2	5	Cu	14.6	27	42	13
	348	TANTA	310	8	35	01	1	3	Cu	14.3	28	40	13
	354	ZAGAZIG	320	2	50	02	2	0	—	14.8	28	52	17
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	290	11	30	00	0	0	—	13.9	27	42	13
	372	ALMAZA	20	10	30	00	0	0	—	14.0	26	55	16
		EZBEKIYA	330	12	30	00	1	0	—	14.0	28	31	9?
		GIZA	330	12	30	00	1	0	—	13.8	28	40	13
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	2	35	01	0	0	—	14.2	28	27	7
	387	MINYA	350	15	10	00	1	0	—	13.4	30	29	10
	393	ASYUT (MANKABAD)	340	14	18	00	0	0	—	13.1	31	22	7
	399	NAG' HAMMADI	290		35	00	0	5		10.3	31	22	12
	402	QENA	270	1	50	00	0	0	—	8.6	41	20	14
	405	LUXOR											
	414	ASWAN	320	8	50	00	0	0	—	6.7	44	7	0
Oases	417	SIWA	290	9	14	00	0	0	—	17.9	26	25	4
	420	BAHARIYA	360	2	35	02	1	3	AC	15.4	28	33	10
	423	FARAFRA	360	10	15	01	2	3	AC	15.8	29	29	9
	432	DAKHLA	340	15	15	00	0	0	—	13.0	33	41	18
	435	KHARGA	360	8	7	00	0	0	—	11.5	33	30	13
Red Sea	450	SUEZ	360	4	50	01	0	0	—	11.6	28	40	13
	459	TOR	310	13	7	05	0	0	—	8.8	28	62	20
	462	HURGHADA	350	24	18	02	0	0	—	8.0	26	66	19
	465	QUSEIR	360	9	15	02	0	0	—	8.2	30	66	23
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM											
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	77	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL											
	880	WAU											
	941	JUBA											

At 1800 on Monday 26th

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
62300	SALUM	40	5	15	00	0	0	—	16.3	19	64	12	0
303	SIDI BARANI	10	3	18	00	0	0	—	16.4	19	56	10	0
306	MATRUH	350	5	12	02	0	0	—	16.9	18	60	10	0
309	EL DABA	00	0	7	00	0	0	—		19	64	12	0
	ALEXANDRIA	360	10	35	00	0	0	—	16.7	20	56	11	0
318	FOUAD (Airport)	330	5	12	01	0	0	—	16.2	19	64	12	0
330	DAMIETTA	340	2	7	02	1	1	Cu	15.8	20	73	15	0
336	PORT SAID	20	11	18	02	0	1	Cu	13.3	21	65	14	0
336	EL 'ARISH												
339	DAMANHUR	360	9	15	02	1	1	Cu	15.2	22	74	17	0
342	MANSURA	340	9		03	2	6	SC, Cu	15.6	22	57	13	0
348	TANTA	00	0	35	02	1	0	—	15.4	23	50	12	0
354	ZAGAZIG	320	1	35	02	0	0	—	15.1	23	61	15	0
440	ISMAILIA												
366	FAROUK (Airport)	40	14	12	02	1	3	SC	15.8	24	61	16	0
372	ALMAZA	320	12	12	03	1	4	Cu, AC	16.1	24	69	18	0
	EZBEKIYA	360	11	12	00	0	0	—	16.2	24	34	7?	0
	GIZA	360	11	12	00	0	0	—	16.2	23	44	10	0
378	HELWAN												
381	FAIYUM	360	2	35	02	0	0	—	15.1	26	30	7	0
387	MINYA	360	6	8	00	1	0	—				9	0
393	ASYUT (MANKABAD)	320	6	14	01	1	1	AC	13.3	26	28	6	0
399	NAG' HAMMADI	290	1	15	01	0	2	AS	11.9	26	45	13	0
402	QENA	290	1	7	00	0	0	—	10.7	33	20	13	0
405	LUXOR												
414	ASWAN	360	4	15	00	0	0	—	7.3	39	8	-1	0
417	SIWA	270	4	8	00	0	0	—	17.2	24	28	4	0
420	BAHARIYA	120	2	15	02	1	1	—	15.4	24	32	6	0
423	FARAFRA	340	4	7	02	2	5	AC	15.8	25	34	8	0
432	DAKHLA	330	8	15	00	0	0	—	14.3	29	40	14	0
435	KHARGA	360	6	15	00	0	0	—	13.5	28	27	7	0
450	SUEZ	360	6	15	02	0	0	—	14.4	23	61	15	0
459	TOR	310	9	7	05	1	1	Ci	11.1	27	62	19	0
462	HURGHADA	320	25	14	02	0	0	—	9.1	27	52	16	0
465	QUSEIR	330	13	15	02	0	0	—	8.3	29	57	20	0
641	PORT SUDAN												
600	WADI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTUM												
730	KASSALA												
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
77	EL OBEID												
760	EL FASHER												
770	GENEINA												
840	MALAKAL												
880	WAU												
941	JUBA												

At 0600 on Tuesday 27th May, 1952

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	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
62300	SALUM	250	2	15	00	0	0	—	17.8	+4.8	20	24	-4	14	-4	56	11	0	Rain		SALUM
303	SIDI BARANI	300	8	18	02	1	3	Cu	17.6		20	22		16		56	11	0	115		SIDI BARANI
306	MATRUH	260	8	30	02	0	1	Cu	18.0	+4.2	20	22		14		56	11	0	135		MATRUH
309	EL DABA	270	3	15	01	1	2	Cu			20	23		12		73	15	0	214		EL DABA
	ALEXANDRIA	270	13	50	03	1	3	Cu	17.6	+3.9	21	26	-1	18	-1	57	12	0	166	185	ALEXANDRIA
318	FOUAD (Airport)	290	8	18	03	0	2	SC	17.1	+4.3	21	24	-3	18	0	61	13	0	Rain	138	FOUAD (Airport)
330	DAMIETTA	320	2	15	02	1	1	Cu	17.1	+4.3	22	24	-3	14	-5	50	11	0	171	105	DAMIETTA
336	PORT SAID	270	10	14	02	0	2	SC	16.6	+3.7	21	25	-2	18	-3	61	13	0	92		PORT SAID
336	EL 'ARISH																				EL 'ARISH
339	DAMANHUR	310	9	15	02	0	0	—	17.0	+3.6	23	28	-3	16	-1	61	15	0	87	101	DAMANHUR
342	MANSURA	360	3	35	00	0	0	—	17.2	+4.2	23	30	-3	14	-3	44	10	0	62	54	MANSURA
348	TANTA	270	2	35	01	1	3	Cu	16.8	+3.3	18	29	-4	12	-4	73	13	0	65	43	TANTA
354	ZAGAZIG	00	0	35	02	0	0	—	17.0	+3.8	22	30	-3	14	-2	57	13	0	30	27	ZAGAZIG
440	ISMAILIA																				ISMAILIA
366	FAROUK (Airport)	70	5	14	00	0	0	—	17.3		20	29		16		53	10	0	83		FAROUK (Airport)
372	ALMAZA	70	6	12	00	0	0	—	16.7	+4.2	21	29	-5	16	-3	61	13	0	71		ALMAZA
	EZBEKIYA	00	0	12	00	0	0	—	16.7	+3.9	22	29	-5	17	-1	36	6?	0	61	26	EZBEKIYA
	GIZA	00	0	12	00	0	0	—	17.2	+4.4	22	30	-4	12	-4	44	9	0	58	26	GIZA
378	HELWAN																			29	HELWAN
381	FAIYUM	360	4	35	02	0	0	—	17.5	+4.9	23	30	-5	15	-3	38	8	0	23	8	FAIYUM
387	MINYA	30	8	10	00	0	0	—	16.2	+3.8	23	31	-5	16	-2	38	8	0	5		MINYA
393	ASYUT (MANKABAD)	360	10	18	00	0	0	—	16.3	+4.2	24	31	-6	18	-2	32	6	0	3		ASYUT (MANKABAD)
399	NAG' HAMMADI	290	15	15	00	0	5	—	13.9	+3.6	25	39	+2	19	0	54	15	0	0.1		NAG' HAMMADI
402	QENA	320	1	35	00	0	0	—	12.7	+2.6	27	42	+3	22	0	42	13	0	2		QENA
405	LUXOR																				LUXOR
414	ASWAN	360	13	15	09	3	0	—	12.0	+1.8	28	44	+4	26	+1	27	7	0	dr.		ASWAN
417	SIWA	00	0	14	00	0	0	—	18.4	+4.4	20	28	-8	13	-4	41	6	0	26	8	SIWA
420	BAHARIYA	360	2	35	02	0	0	—	17.6	+4.4	21	29	-6	15	-3	50	10	0	1	7	BAHARIYA
423	FARAFRA	40	1	35	02	2	1	Cu	17.6		21	30		14		50	10	0	Rain		FARAFRA
432	DAKHLA	340	11	60	00	0	0	—	15.8	+4.0	25	35	-4	21	0	47	13	0	dr.		DAKHLA
435	KHARGA	360	4	15	00	0	0	—	14.7	+4.1	23	35	-4	22	0	44	10	0	dr.		KHARGA
450	SUEZ	360	3	35	00	0	2	SC	16.3	+4.1	21	30	-3	16	-4	50	10	0	44	17	SUEZ
459	TOR	310	13	15	05	1	0	—	13.2	+2.3	26			23	+1	55	16	0	1	13	TOR
462	HURGHADA	330	31	30	02	0	0	—	11.9	+2.0	24	29	-1	23	+1	50	13	0	Rain		HURGHADA
465	QUSEIR	360	19	15	02	0	0	—	11.2	+1.3	26	30	-2	25	0	62	18	0	dr.	4	QUSEIR
641	PORT SUDAN																			97	PORT SUDAN
600	WADI HALFA																				WADI HALFA
640	ABU HAMAD																				ABU HAMAD
660	KAREIMA																			2	KAREIMA
680	'ATBARA																			6	'ATBARA
721	KHARTUM																			7	KHARTUM
730	KASSALA																			22	KASSALA
751	WAD MEDANI																			23	WAD MEDANI
801	RENK																			84	RENK
802	ROSEIRES																			105	ROSEIRES
77	EL OBEID																			32	EL OBEID
760	EL FASHER																			14	EL FASHER
770	GENEINA																			24	GENEINA
840	MALAKAL																			186	MALAKAL
880	WAU																			348	WAU
941	JUBA																			440	JUBA

HUMIDITY %

Mean of day

Station	on 26th	Diff. from normal
Alexandria	64	-7
Ezbekiyeh	37	-14
Giza	63	+3
Helwan		

GIZA

GRASS MINIMUM TEMP. ON 27th 10.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At

RAWINSONDE — FAROUK AIRPORT — On ... At

Pressure mbs.	Height above M.S.L. metres	Dry °C	Wet °C	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						1000					
950				950						950						950					
900				900						900						900					
850				850						850						850					
800				800						800						800					
700				700						700						700					
600				600						600						600					
500				500						500						500					
400				400						400						400					
				300						300						300					

Remarks

UPPER WIND OBSERVATIONS on 26th

Station	Siwa		Dakhla		Asyut		Minya		Kharga		Matruh		Port Said		S. Barani								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	300	11	350	22	330	23	350	10	360	23	350	17	10	12									350	5	360	9
600	300	14	360	25	330	23	350	8	360	30	160	24	10	10									10	5	360	9
1000	300	15	360	33	330	28	350	12	260	26	290	14	320	9	270	12							10	5	20	16
1500	290	17	360	7	320	30	340	5			300	9	290	9	260	36							360	2	20	2
2000	290	16					320	5			290	36	240	24	270	30										
3000	300	23													270	26										
4000	280	35																								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut (Mankabad)		Luxor		Aswan		Hurghada			
Time	8		8				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			300	12			310	9					360	17	360	14			350	17				
600			290	11			310	10					320	5	350	12			360	10				
1000	300	13	280	11			290	7					10	12	350	18			10	19				
1500			280	18			310	16					310	17	300	22			70	16				
2000							260	15					280	25	280	28			320	11				
3000													270	26										
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	
Height m.	Dir.	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	5	350	19	10	17	360	25																
600	80	4	350	23	20	12	360	20															240	15
1000	360	4	340	46	360	26	360	28															240	15
1500	260	10	340	31	340	30	360	24															200	14
2000	270	8	150	23																			70	7
3000	290	21																					50	16
4000	290	34																						
5000	290	41																						
6000	290	45																						
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.

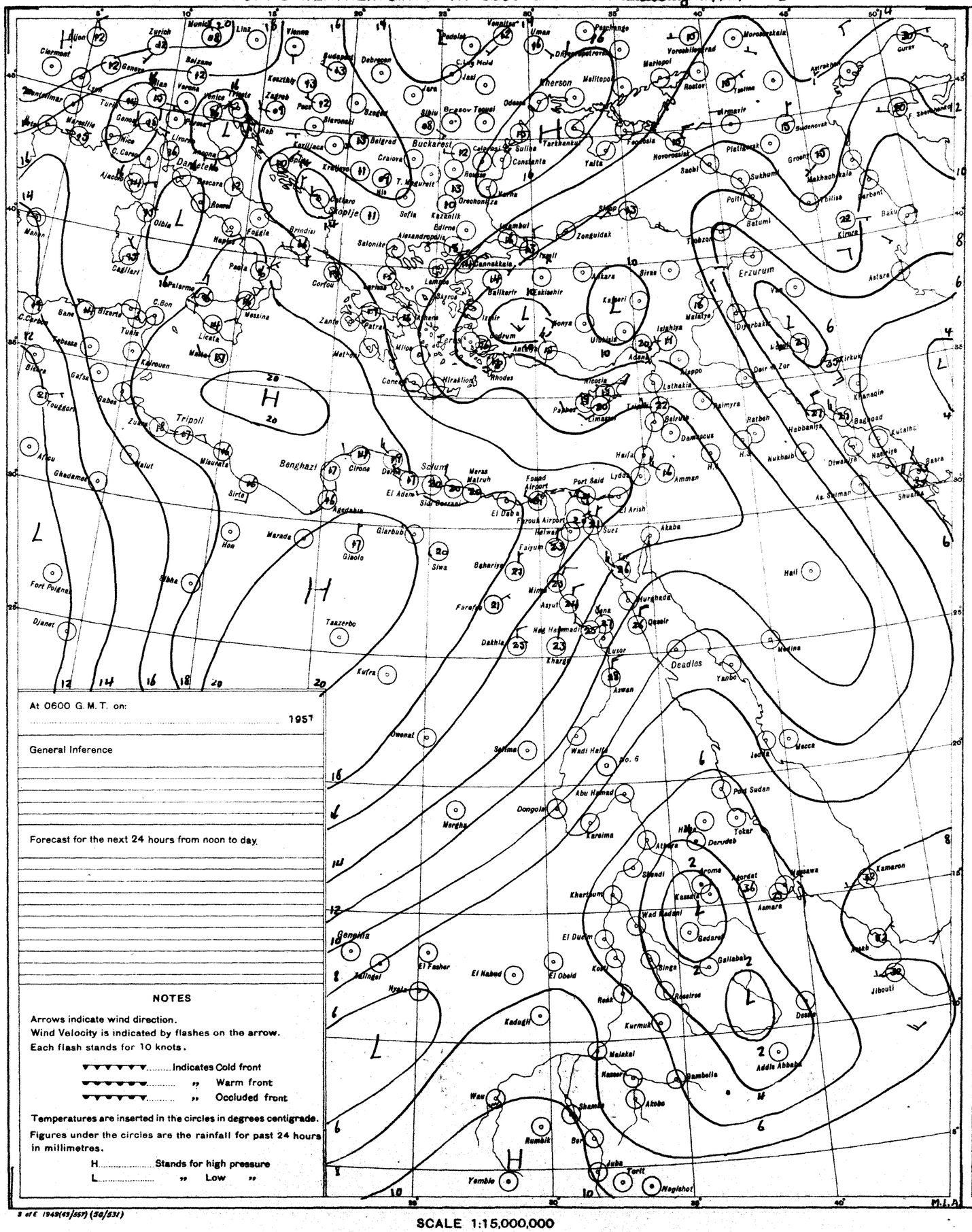
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 27/5/1952



At 0600 G.M.T. on:

..... 195T

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 55 G. M. T.
" " Sunset 16 49 G. M. T.

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

Form 7 F

DAILY WEATHER REPORT

Date: Wednesday 28th May, 1951 2

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	62800	SALÛM	20	13	35	03	1	5	Cu	17.2	22	50	11
	303	SÎDI BARÂNI	330	14	30	02	1	1	Cu	18.0	22	53	12
	306	MATRÛH	320	19	30	01	1	1	SC	17.8	23	50	12
	309	EL DABA	320	11	35	00	0	0	—		23	53	13
		ALEXANDRIA	310	17	50	01	2	2	Cu	17.3	23	50	12
	318	FOUAD (Airport)	310	14	18	02	1	4	SC	17.3	23	57	14
	330	DAMIETTA	340	5	35	02	1	1	Cu		23	61	15
	333	PORT SAÏD	360	14	30	01	0	0	—	15.3	23	57	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	1	1	Cu	15.9	24	47	12
	342	MANSURA	360	5	35	02	1	3	Cu	16.4	20	42	12
	348	TANTA	270	5	35	01	1	3	Cu	16.0	26	42	12
	354	ZAGAZIG	320	2	50	02	0	0	—	16.6	28	45	15
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	320	8	30	03	0	3	SC	15.7	27	35	10
	372	ALMAZA	320	12	30	01	0	5	Cu	15.8	26	55	16
		EZBEKIYA	330	4	30	00	0	1	Cu	15.9	27	33	9
		GIZA	330	4	30	00	0	1	Cu	15.6	27	33	9
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	16.0	28	22	4
	387	MINYA	360	12	12	00	0	0	—	15.2	29	23	6
	393	ASYÛT MANQABÂD	340	14	30	00	0	0	—	14.3	30	12	2
	399	NAG' HAMMADI	290	1	35	00	0	0	—	12.7	33	21	8
	402	QENA	320	1	50	00	0	0	—	10.6	37	18	9
	405	LUXOR											
	414	ASWÂN	340	9	15	07	3	0	—	10.2	38	16	8
Oases	417	SÎWA	270	7	14	00	0	0	—	17.5	28	22	4
	420	BAHARÎYA	360	2	35	02	0	0	—	16.0	29	35	12
	423	FARAFRA	360	1	35	02	2	3	AC	16.8	29	29	9
	432	DAKHLA	360	9	35	00	0	0	—	12.7	32		
	435	KHARGA	360	9	7	00	0	0	—	13.8	38	7	-3
Red Sea	450	SUEZ	360	4	50	01	0	0	—	14.4	26	37	10
	459	TÛR	310	24	3	32	3	0	—	11.6	27	55	17
	462	HURGHÂDA	340	28	14	02	0	0	—	11.2	28	40	13
	465	QUSEIR	360	19	15	02	0	0	—	10.0	28	62	20
	641	PORT SÛDÂN	70	7	30	02	0	0	—	7.0	43	24	18
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	70	5	30	03	2	8	CS		45	5	-3
	660	KAREIMA											
	680	'ATBARA	20	15	10	07	0	0	—	1.7	46	3	-11
	721	KHARTÛM	320	5	30	02	0	1	AC	3.9			
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	180	6	30	03	1	6	Cu	5.2	37	35	19
	880	WÂU											
	941	JUBA											

At 1800 on Thursday 27th

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	SALÛM	40	5	15	00	0	0	—	17.1	19	64	12	0
303	SÎDI BARÂNI	330	7	15	00	0	0	—	17.2	19	56	10	0
306	MATRÛH	20	7	15	02	0	3		17.8	19	64	12	0
309	EL DABA	320	6	35	00	0	0	—		19	64	12	0
	ALEXANDRIA	360	10	35	00	0	0	—	17.0	20	64	13	0
318	FOUAD (Airport)	330	11	18	01	0	1	SC	17.0	20	69	14	0
330	DAMIETTA	320	5		03	1	3	Cu	17.2	20	73	15	0
333	PORT SAÏD	320	16	18	02	0	1	SC	16.5	20	69	14	0
336	EL 'ARISH	00	0	12	02	0	0	—	15.0	20	64	13	0
339	DAMANHUR	360	9	15	02	0	0	—	16.2	21	65	14	0
342	MANSURA	340	5		00	1	0	—	16.7	20	56	11	0
348	TANTA	270	2	35	02	1	0	—	17.2	23	50	12	0
354	ZAGAZIG	00	0	35	02	0	0	—	16.3	21	65	14	0
440	ISMAÏLIA												
366	FAROUK (Airport)	20	10	12	00	0	0	—	16.0	22	47	10	0
372	ALMAZA	40	10	12	00	0	0	—	16.3	22	65	15	0
	EZBEKIYA								16.2	22	38	7	0
	GIZA	340	3	12	00	0	0	—	16.4	22	44	9	0
378	HELWÂN												
381	FAIYÛM	360	2	35	02	0	0	—	16.0	25	34	8	0
387	MINYA	360	4	8	00	0	0	—	14.6	22	47	10	0
393	ASYÛT MANQABÂD	360	5	18	00	1	0	—	14.6	24	24	2	0
399	NAG' HAMMADI	270	1	15	01	0	2	AC Cu	13.4	25	42	11	0
402	QENA	270	1	7	00	0	0	—	12.2	29	23	6	0
405	LUXOR												
414	ASWÂN	360	5	15	00	0	0	—	11.2	34	14	3	0
417	SÎWA	00	0	15	00	0	0	—	16.0	23	44	10	0
420	BAHARÎYA	00	0	15	02	0	0	—	15.5	25	28	5	0
423	FARAFRA	290	1	15	02	2	0	—	15.5	25	28	5	0
432	DAKHLA	340	4	50	00	0	0	—	14.3	27	42	13	0
435	KHARGA	360	2	15	00	0	0	—	15.1	27	15	-2	0
450	SUEZ	360	5	15	03	0	3	SC	14.7	23	50	12	0
459	TÛR	310	9	7	05	0	0	—	12.4	26	55	16	0
462	HURGHÂDA	320	22	15	02	0	0	—	11.3	26	42	12	0
465	QUSEIR	330	13	15	02	0	0	—	10.3	26	45	13	0
641	PORT SÛDÂN												
600	WÂDI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTÛM												
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER												
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Wednesday 28th May, 1952

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	Station
62800	SALÛM	340	2	15	00	1	2	Cu	17.2	+4.2	20	24	-4	14	-4	56	11	0	Rain		SALÛM
303	SÎDI BARÂNI	330	6	18	02	1	3	Cu	17.3		20	22		16		60	12	0	115		SÎDI BARÂNI
306	MATRÛH	300	6	18	03	1	4	Sc, Cu	17.7	+3.9	20	24		13		64	13	0	135		MATRÛH
309	EL DABA	360	2	15	01	1	2	Cu			21	23		13		57	12	0	214		EL DABA
	ALEXANDRIA	310	11	50	03	0	4	Cu	17.0	+3.3	20	23	-4	18	-1	73	15	0	166	185	ALEXANDRIA
318	FOUAD (Airport)	310	11	18	01	1	2	Cu	16.5	+3.7	21	23	-4	16	-2	57	12	0	Rain	138	FOUAD (Airport)
330	DAMIETTA	250	2	7	03	1	6	Cu	17.0	+4.3	22	24	-3	14	-5	50	11	0	171	105	DAMIETTA
333	PORT SAÏD	280	11	14	03	0	3	SC	15.6	+2.7	22	24	-3	18	-3	53	12	0	92		PORT SAÏD
336	EL 'ARISH											25									EL 'ARISH
339	DAMANHUR	270	5	15	02	1	1	Cu	17.0	+3.6	21	25	-6	15	-2	65	14	0	87	101	DAMANHUR
342	MANSURA	270	3	35	02	1	3	Cu	17.0	+4.0	22	28	-5	14	-3	50	11	0	62	54	MANSURA
348	TANTA	270	2	35	01	1	2	Cu	16.8	+3.4	21	28	-5	12	-4	57	12	0	65	43	TANTA
354	ZAGAZIG	00	0	35	02	0	0	—	17.2	+4.1	23	28	-5	14	-2	61	15	0	30	27	ZAGAZIG
440	ISMAÏLIA																				ISMAÏLIA
366	FAROUK (Airport)	20	3	12	02	1	2	Cu	16.9		20	28		14		69	14	0	83		FAROUK (Airport)
372	ALMAZA	30	6	12	02	1	3	Cu	17.1	+4.6	20	28	-6	16	-3	78	16	0	71		ALMAZA
	EZBEKIYA	00	0	10	00	0	0	—	16.8	+4.0	21	28	-6	16	-2	50	10	0	61	26	EZBEKIYA
	GIZA	00	0	10	00	0	0	—	16.6	+3.8	21	28	-6	14	-2	50	10	0	58	26	GIZA
378	HELWÂN																			29	HELWÂN
381	FAIYÛM	360	4	35	03	0	1	Cu, Sc	17.1	+4.5	22	29	-6	16	-2	57	13	0	23	8	FAIYÛM
387	MINYA	350	6	8	00	0	0	—	16.6	+4.2	21	30	-6	14	-4	57	12	0	5		MINYA
393	ASYÛT MANQABÂD	360	7	18	00	0	0	—	15.9	+4.2	25	31	-6	16	-4	42	11	0	3		ASYÛT MANQABÂD
399	NAG' HAMMADI	00	0	15	00	0	0	—	14.8	+4.6	24	34	-3	17	-2	54	14	0	0.1		NAG' HAMMADI
402	QENA	360	1	35	00	0	0	—	14.3	+4.3	27	39	0	18	-4	52	16	0	2		QENA
405	LUXOR																				LUXOR
414	ASWÂN	360	11	50	00	0	0	—	13.4	+3.3	26	39	-1	22	-3	25	4	0	dr.		ASWÂN
417	SÎWA	00	0	15	00	0	0	—	18.2	+4.2	21			14	-3	44	8	0	26	8	SÎWA
420	BAHARÎYA	40	3	35	02	0	0	—	17.5	+4.3	22	31	-4	15	-3	50	11	0	1	7	BAHARÎYA
423	FARAFRA	20	2	35	02	0	0	—	17.6		21	31		13		50	10	0	Rain		FARAFRA
432	DAKHLA	160	4	50	00	0	0	—	16.3	+4.5	25	33	-6	16	-5	42	11	0	dr.		DAKHLA
435	KHARGA	360	2	15	00	0	0	—	15.4	+4.8	24	32	-7	20	-2	32	6	0	dr.		KHARGA
450	SUEZ	360	2	35	00	0	3	Cu	15.2	+3.1	21	28	-6	15	-5	61	13	0	44	17	SUEZ
459	TÛR	310	19	15	22	3	0	—	14.0	+4.1	25			22	0	61	17	0	1	13	TÛR
462	HURGHÂDA	340	30	15	02	0	0	—	13.0	+3.2	24	28	-2	22	0	54	14	0	Rain		HURGHÂDA
465	QUSEIR	360	19	15	02	0	0	—	12.4	+2.5	25	29	-3	24	-1	54	15	0	dr.	4	QUSEIR
641	PORT SÛDÂN																			97	PORT SÛDÂN
600	WÂDI HALFA																				WÂDI HALFA
640	ABU HAMAD																				ABU HAMAD
660	KAREIMA																			2	KAREIMA
680	'ATBARA																			6	'ATBARA
721	KHARTÛM																			7	KHARTÛM
730	KASSALA																			22	KASSALA
751	WÂD MEDANI																			24	WÂD MEDANI
801	RENK																			85	RENK
802	ROSEIRES																			107	ROSEIRES
771	EL OBEID																			33	EL OBEID
760	EL FÂSHER																			14	EL FÂSHER
770	GENEINA																			25	GENEINA
840	MALAKÂL																			189	MALAKÂL
880	WÂU																			353	WÂU
941	JUBA																			445	JUBA

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	63	-8
Ezbekiya	36	-15
Giza	40	-10
Helwan		

GIZA GRASS MINIMUM TEMP. ON 28th 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.
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 27th

Height m.	Matruh Dir.	Matruh Vel.	Almaza Dir.	Almaza Vel.	Fouad A.P. Dir.	Fouad A.P. 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.	S. Barani Dir.	S. Barani Vel.	Dir.	Vel.	Dir.	Vel.	Port Said Dir.	Port Said Vel.
Time	14		15		14		14		14		14		14		14		14		14						20	
300	330	18	320	10	300	15	330	21	360	21	330	11	290	7	360	32	350	29	320	5					320	9
600	310	20	320	17	300	14	330	19	350	18	340	21	310	10	360	35	360	27	320	17					340	7
1000	300	18	320	30	310	16	320	19	350	16	340	16	340	4	350	31	10	21	300	18					350	8
1500	270	20	330	14	290	21	300	16	340	14	360	17	310	10	360	15			280	23						
2000					290	16					290	23	330	9					290	23						
3000					280	27							310	30												
4000													290	27												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

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	8		4				2						2		8				8					
300	300	6	330	8			280	10					30	18	350	22			340	15				
600	280	7	330	7			310	20					360	19	350	23			360	16				
1000	290	19	320	12			310	9					360	16	350	14			360	18				
1500	300	21	290	24			310	32					340	10	330	24								
2000	300	18	290	26			270	18																
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		8																	
300	100	11	10	19	60	4	20	14																
600	100	9	10	27	50	4	20	19																
1000	50	3	10	46	50	10	10	26																
1500	320	7			40	7	330	28																
2000	320	23			50	6																		
3000	290	29																						
4000	300	50																						
5000	310	50																						
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.

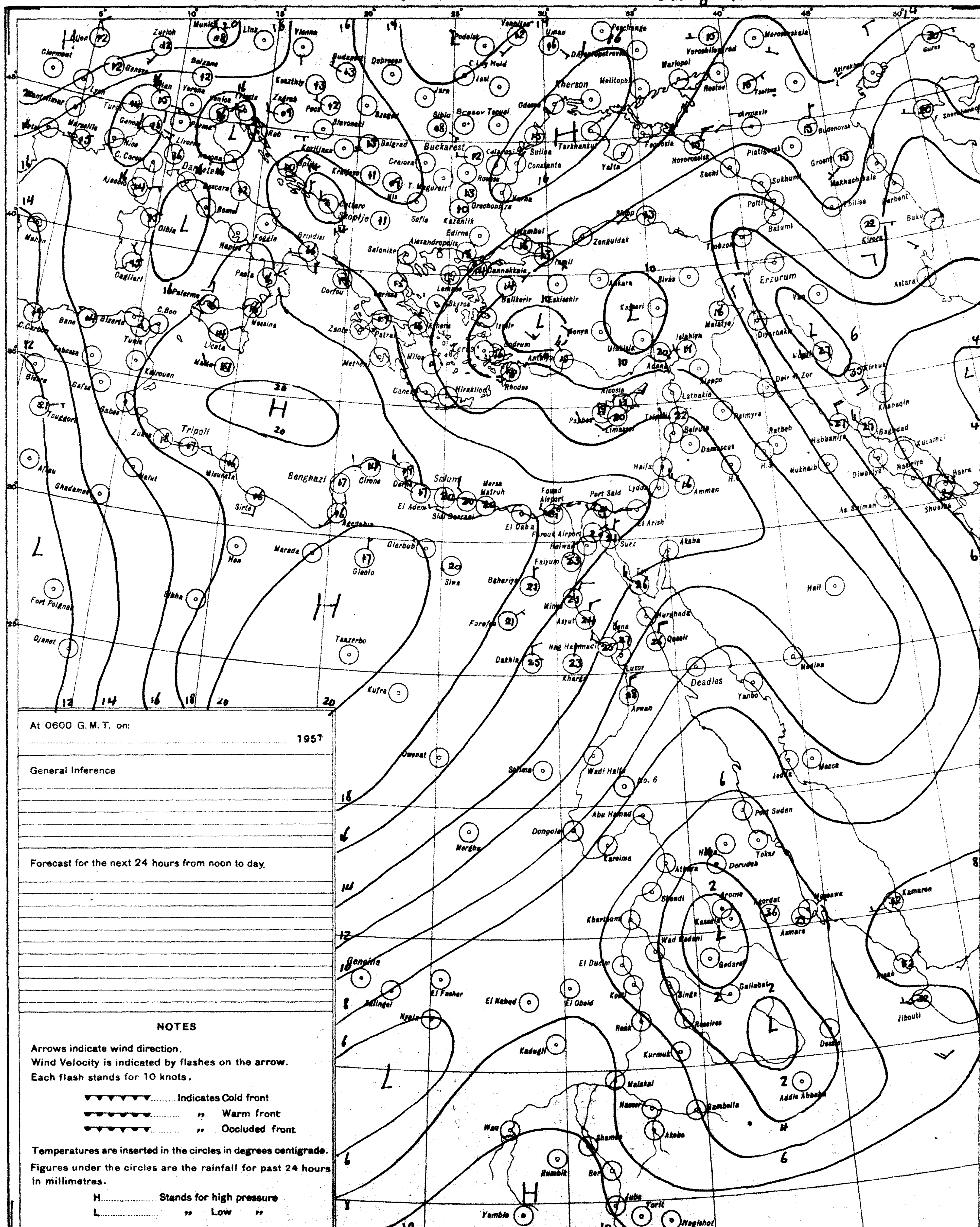
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 27/5/1952



SCALE 1:15,000,000

At 0600 G.M.T. on: 1957

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)

M.I.A

CAIRO
Time of Sunrise 02 55 G.M.T.
" " Sunset 16 49 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Wednesday 28th May, 1951 2

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	20	13	35	03	1	5	Cu	17.2	22	50	11
	303	SIDI BARANI	330	14	30	02	1	1	Cu	18.0	22	53	12
	306	MATRUH	320	19	30	01	1	1	SC	17.8	23	50	12
	309	EL DABA	320	11	35	00	0	0	—		23	53	13
		ALEXANDRIA	310	17	50	01	2	2	Cu	17.3	23	50	12
	318	FOUAD (Airport)	310	14	18	02	1	4	SC	17.3	23	57	14
	330	DAMIETTA	340	5	35	02	1	1	Cu		23	61	15
	332	PORT SAID	360	14	30	01	0	0	—	15.3	23	57	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	1	1	Cu	15.9	24	47	12
	342	MANSURA	360	5	35	02	1	3	Cu	16.4	20	42	12
	348	TANTA	270	5	35	01	1	3	Cu	16.0	26	42	12
	354	ZAGAZIG	320	2	50	02	0	0	—	16.6	28	45	15
	440	ISMAILIA											
Cairo Area	365	FAROUK (Airport)	320	8	30	03	0	3	SC	15.7	27	35	10
	372	ALMAZA	320	12	30	01	0	5	Cu	15.8	26	55	16
		EZBEKIYA	330	4	30	00	0	1	Cu	15.9	27	33	9
		GIZA	330	4	30	00	0	1	Cu	15.6	27	33	9
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	—	16.0	28	22	4
	387	MINYA	360	12	12	00	0	0	—	15.2	29	23	6
	393	ASYUT MANGABAD	340	14	30	00	0	0	—	14.3	30	12	-2
	399	NAG' HAMMADI	290	1	35	00	0	0	—	12.7	33	21	8
	402	QENA	320	1	50	00	0	0	—	10.6	37	18	9
	405	LUXOR											
	414	ASWAN	340	9	15	07	3	0	—	10.2	38	16	8
Oases	417	SIWA	270	7	14	00	0	0	—	17.5	28	22	4
	420	BAHARIYA	360	2	35	02	0	0	—	16.0	29	35	12
	423	FARAFRA	360	1	35	02	2	3	AC	16.8	29	29	9
	432	DAKHLA	360	9	35	00	0	0	—	12.7	32		
	435	KHARGA	360	7	7	00	0	0	—	13.8	38	7	-3
Red Sea	450	SUEZ	360	4	50	01	0	0	—	14.4	26	37	10
	459	TOR	310	24	3	32	3	0	—	11.6	27	55	17
	462	HURGHADA	340	28	14	02	0	0	—	11.2	28	40	13
	465	QUSEIR	360	19	15	02	0	0	—	10.0	28	62	20
	641	PORT SUDAN	70	7	30	02	0	0	—	7.0	43	24	18
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	70	5	30	03	2	8	CS		45	5	-3
	660	KAREIMA											
	680	ATBARA	20	15	10	07	0	0	—	1.7	46	3	-11
	721	KHARTUM	320	5	30	02	0	1	AC	3.9			
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL	180	6	30	03	1	6	Cu	5.2	37	35	19
	880	WAU											
	941	JUBA											

At 1800 on Thursday 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	5	15	00	0	0	—	17.1	19	64	12	0
SIDI BARANI	330	7	15	00	0	0	—	17.2	19	56	10	0
MATRUH	20	7	15	02	0	3		17.8	19	64	12	0
EL DABA	320	6	35	00	0	0	—		19	64	12	0
ALEXANDRIA	360	10	35	00	0	0	—	17.0	20	64	13	0
FOUAD (Airport)	330	11	18	01	0	1	SC	17.0	20	69	14	0
DAMIETTA	320	5		03	1	3	Cu	17.2	20	73	15	0
PORT SAID	320	16	18	02	0	1	SC	16.5	20	69	14	0
EL 'ARISH	00	0	12	02	0	0	—	15.0	20	64	13	0
DAMANHUR	360	9	15	02	0	0	—	16.2	21	65	14	0
MANSURA	340	5		00	1	0	—	16.7	20	56	11	0
TANTA	270	2	35	02	1	0	—	17.2	23	50	12	0
ZAGAZIG	00	0	35	02	0	0	—	16.3	21	65	14	0
ISMAILIA												
FAROUK (Airport)	20	10	12	00	0	0	—	16.0	22	47	10	0
ALMAZA	40	10	12	00	0	0	—	16.3	22	65	15	0
EZBEKIYA								16.2	22	38	7	0
GIZA	340	3	12	00	0	0	—	16.4	22	44	9	0
HELWAN												
FAIYUM	360	2	35	02	0	0	—	16.0	25	34	8	0
MINYA	360	4	8	00	0	0	—	14.6	22	47	10	0
ASYUT MANGABAD	360	5	18	00	1	0	—	14.6	24	24	2	0
NAG' HAMMADI	270	1	15	01	0	2	Ac Cu	13.4	25	42	11	0
QENA	270	1	7	00	0	0	—	12.2	29	23	6	0
LUXOR												
ASWAN	360	5	15	00	0	0	—	11.2	34	14	3	0
SIWA	00	0	15	02	0	0	—	16.0	23	44	10	0
BAHARIYA	00	0	15	00	0	0	—	16.0	23	44	10	0
FARAFRA	290	1	15	02	2	0	—	15.5	25	28	5	0
DAKHLA	340	4	50	00	0	0	—	14.3	27	42	13	0
KHARGA	360	2	15	00	0	0	—	15.1	27	15	-2	0
SUEZ	360	5	15	03	0	3	SC	14.7	23	50	12	0
TOR	310	9	7	05	0	0	—	12.4	26	55	16	0
HURGHADA	320	22	15	02	0	0	—	11.3	26	42	12	0
QUSEIR	330	13	15	02	0	0	—	10.3	26	45	13	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Wednesday 28th May, 1952

Station	Wind 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	2	15	00	1	2	Cu	17.2	+4.2	20	24	-4	14	-4	56	11	0	Rain	
SIDI BARANI	330	6	18	02	1	3	Cu	17.3		20	22		16		60	12	0	115	
MATRUH	300	6	18	03	1	4	Sc, Cu	17.7	+3.9	20	24		13		64	13	0	135	
EL DABA	360	2	15	01	1	2	Cu			21	23		13		57	12	0	214	
ALEXANDRIA	310	11	50	03	0	4	Cu	17.0	+3.3	20	23	-4	18	-1	73	15	0	166	185
FOUAD (Airport)	310	11	18	01	1	2	Cu	16.5	+3.7	21	23	-4	16	-2	57	12	0	Rain	138
DAMIETTA	250	2	7	03	1	6	Cu	17.0	+4.3	22	24	-3	14	-5	50	11	0	171	105
PORT SAID	280	11	14	03	0	3	SC	15.6	+2.7	22	24	-3	18	-3	53	12	0	92	
EL 'ARISH											25								
DAMANHUR	270	5	15	02	1	1	Cu	17.0	+3.6	21	25	-6	15	-2	65	14	0	87	101
MANSURA	270	3	35	02	1	3	Cu	17.0	+4.0	22	28	-5	14	-3	50	11	0	62	54
TANTA	270	2	35	01	1	2	Cu	16.8	+3.4	21	28	-5	12	-4	57	12	0	65	43
ZAGAZIG	00	0	35	02	0	0	—	17.2	+4.1	23	28	-5	14	-2	61	15	0	30	27
ISMAILIA																			
FAROUK (Airport)	20	3	12	02	1	2	Cu	16.9		20	28		14		69	14	0	83	
ALMAZA	30	6	12	02	1	3	Cu	17.1	+4.6	20	28	-6	16	-3	78	16	0	71	
EZBEKIYA	00	0	10	00	0	0	—	16.8	+4.0	21	28	-6	16	-2	50	10	0	61	26
GIZA	00	0	10	00	0	0	—	16.6	+3.8	21	28	-6	14	-2	50	10	0	58	26
HELWAN																			29
FAIYUM	360	4	35	03	0	1	Cu Sc	17.1	+4.5	22	29	-6	16	-2	57	13	0	23	8
MINYA	350	6	8	00	0	0	—	16.6	+4.2	21	30	-6	14	-4	57	12	0	5	
ASYUT MANGABAD	360	7	18	00	0	0	—	15.9	+4.2	25	31	-6	16	-4	42	11	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	14.8	+4.6	24	34	-3	17	-2	54	14	0	0.1	
QENA	360	1	35	00	0	0	—	14.3	+4.3	27	39	0	18	-4	52	16	0	2	
LUXOR																			
ASWAN	360	11	50	00	0	0	—	13.4	+3.3	26	39	-1	22	-3	25	4	0	dr.	
SIWA	00	0	15	00	0	0	—	18.2	+4.2	21			14	-3	44	8	0	26	8
BAHARIYA	40	3	35	02	0	0	—	17.5	+4.3	22	31	-4	15	-3	50	11	0	1	7
FARAFRA	20	2	35	02	0	0	—	17.6		21	31		13		50	10	0	Rain	
DAKHLA	160	4	50	00	0	0	—	16.3	+4.5	25	33	-6	16	-5	42	11	0	dr.	
KHARGA	360	2	15	00	0	0	—	15.4	+4.8	24	32	-7	20	-2	32	6	0	dr.	
SUEZ	360	2	35	00	0	3	Cu	15.2	+3.1	21	28	-6	15	-5	61	13	0	44	17
TOR	310	19	15	32	3	0	—	14.0	+4.1	25			22	0	61	17	0	1	13
HURGHADA	340	30	15	02	0	0	—	13.0	+3.2	24	28	-2	22	0	54	14	0	Rain	
QUSEIR	360	19	15	02	0	0	—	12.4	+2.5	25	29	-3	24	-1	54	15	0	dr.	4
PORT SUDAN																			97
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			2
ATBARA																			6
KHARTUM																			7
KASSALA																			22
WAD MEDANI																			24
RENK																			85
ROSEIRES																			107
EL OBEID																			33
EL FASHER																			14
GENEINA																			25
MALAKAL																			189
WAU																			353
JUBA																			445

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	63	-8
Ezbakiya	36	-15
Giza	40	-10
Helwan		

GIZA GRASS MINIMUM TEMP ON 28th 12.6 °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.	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.
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 27th

Station	Matruh		Almaza		Fouad A.P.		Port Said		Minya		Asyut		Siwa		Dakhla		Kharga		S. Barani						Port Said	
Time	14		15		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	330	18	320	10	300	15	330	21	360	21	330	11	290	7	360	32	350	29	320	5					320	9
600	310	20	320	17	300	14	330	19	350	18	340	21	310	10	360	35	360	27	320	17					340	7
1000	300	18	320	30	310	16	320	19	350	16	340	16	340	4	350	31	10	21	300	18					350	8
1500	270	20	330	14	290	21	300	16	340	14	360	17	310	10	360	15			280	23						
2000					290	16					290	23	330	9					290	23						
3000					280	27							310	30												
4000													290	27												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada			
Time	8		4				2						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	300	6	330	8			280	10					30	18	350	22			340	15				
600	280	7	330	7			310	20					360	19	350	23			360	16				
1000	290	19	320	12			310	9					360	16	350	14			360	18				
1500	300	21	290	24			310	32					340	10	330	24								
2000	300	18	290	26			270	18																
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		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	100	11	10	19	60	4	20	14																
600	100	9	10	27	50	4	20	19																
1000	50	3	10	46	50	10	10	26																
1500	320	7			40	7	330	28																
2000	320	23			50	6																		
3000	290	29																						
4000	300	50																						
5000	310	50																						
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.

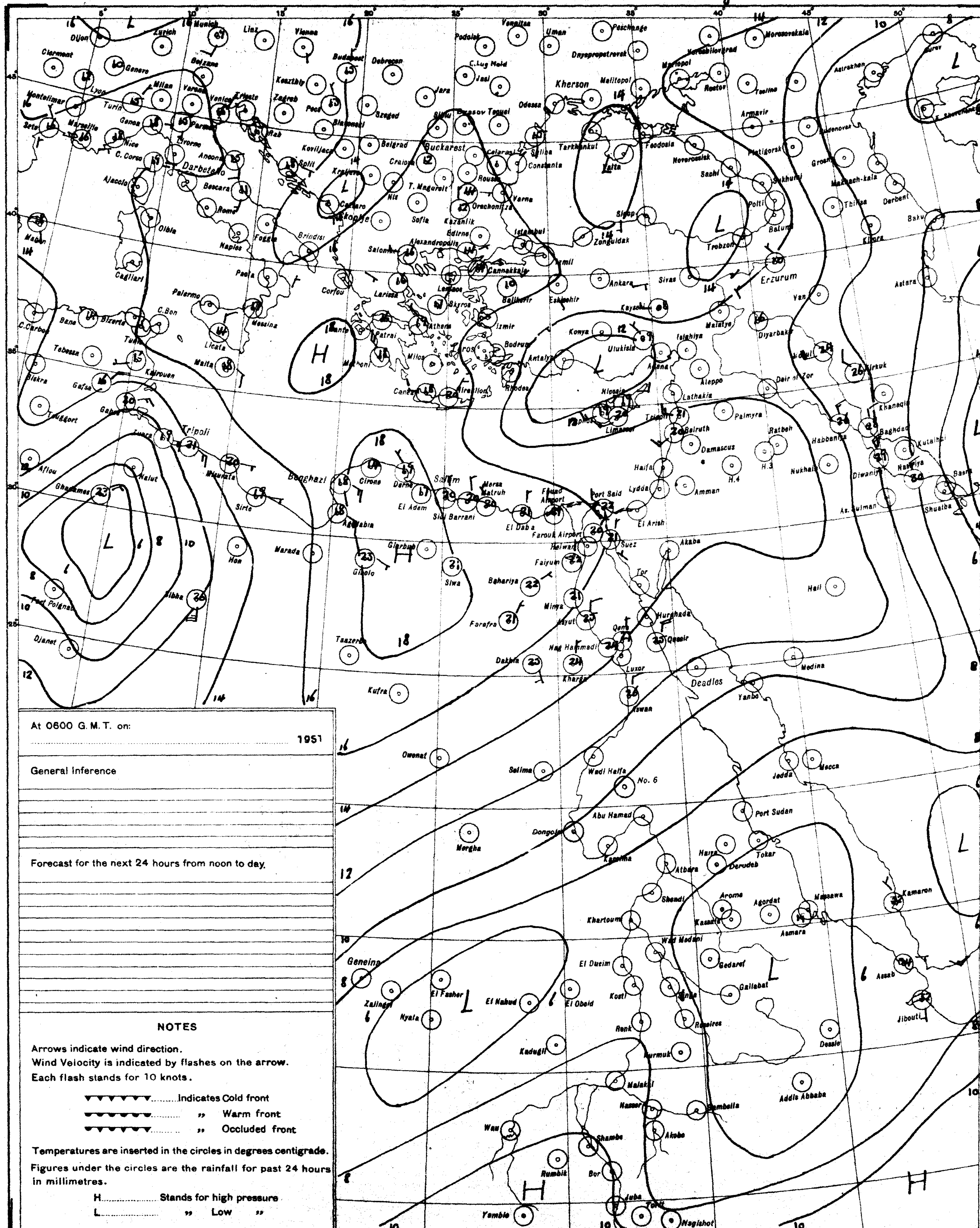
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 28/5/1952



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 55 G.M.T.
" " Sunset 16 50 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Thursday 29th May, 1951 2

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	SALUM	20	9	35	00	0	1	Cu	16.7	21	65	14
	303	SIDI BARÂNI	320	6	30	00	0	0	—	17.0	22	53	12
	306	MATRÛH	320	12	30	01	0	1	Cu	17.3	22	53	12
	309	EL DABÂ	320		35	00	0	0	—		22	57	13
		ALEXANDRIA	310	19	50	01	1	2	Cu	16.8	22	50	11
	318	FOUAD (Airport)	290	12	18	01	1	2	Cu	16.6	23	50	12
	330	DAMIETTA	360	5	35	01	1	1	Cu	16.3	22	50	11
	333	PORT SAÏD	10	9	30	02	0	1	Cu	15.5	23	50	12
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	1	1	Cu	15.9	25	47	13
	342	MANSURA	320	5	35	02	1	2	Cu	15.4	27	33	9
	348	TANTA	270	2	35	01	1	2	Cu	15.5	27	37	11
	354	ZAGAZIG	320	1	50	03	1	3	Cu	15.2	27	52	16
	440	ISMAÏLIA											
Cairo Area	368	FAROUK (Airport)	290	3	30	03	2	4	Cu	15.1	26	37	10
	372	ALMAZA	360	11	18	02	1	3	Cu	15.3	26	55	16
		EZBEKIYA	340	6	30	01	1	3	Cu	15.0	28	29	8
		GIZA	340	6	30	01	1	3	Cu	15.2	27	27	6
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	15.4	28	33	10
	387	MINYA	340	13	12	00	0	0	—	14.5	30	25	8
	393	ASYÛT MANQABÂD	350	12	15	00	0	0	—	14.0	30	14	0
	399	NAG' HAMMADI	290	1	35	00	0	0	—	12.4	32	22	8
	402	QENA	320	1	50	00	0	0	—	10.7	36	20	10
	405	LUXOR											
	414	ASWÂN	340	9	15	00	0	0	—	10.4	35	15	5
Oases	417	SÎWA	00	0	14	00	0	0	—	17.0	32	22	8
	420	BAHARÎYA	360	2	35	02	0	0	—	15.8	29	40	14
	423	FARAFRA	40	3	35	02	0	0	—	16.4	30	31	11
	432	DAKHLA	360	3	50	00	0	0	—	15.0	32	38	16
	435	KHARGA	360	9	15	00	0	0	—	13.1	32	15	2
Red Sea	450	SUEZ	360	4	50	01	0	0	—	13.4	26	37	10
	459	TÛR	310	19	7	34	3	0	—	12.2	29	55	19
	462	HURGHÂDA											
	465	QUSEIR	360	19	15	02	0	0	—	11.6	28	52	17
	641	PORT SÛDÂN	40	16	7	07	0	0	—	6.1	37	42	22
North Sudan	600	WÂDI HALFA	360	24	10	07	0	0	—	8.8	39	8	-2
	640	ABU HAMAD	360	10	10	07	2	8	CS		43	7	-1
	660	KAREIMA											
	680	'ATBARA	20	13	10	07	0	0	—	2.1	45	4	-7
	721	KHARTÛM	70	10	30	02	0	0	—	2.0	44	13	9
	730	KASSALA	360	5	30	02	0	0	—	999.8	45	12	9
Central Sudan	751	WÂD MEDANI	50	9	50	02	0	0	—	1.3	44	6	-2
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	70	4	10	03	0	3	Ci	1.9	41	11	5
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU	230	3	30	01	2	8	Cu, CS	6.1	35	44	21
	941	JUBA	180	10	30	03	2	3	Cu, Ci	6.2	30	66	23

At 1800 on Wednesday 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	20	5	15	00	0	0	—	16.2	19	64	12	0
SIDI BARÂNI	360	6	18	00	0	0	—	16.4	19	64	12	0
MATRÛH	320	9	18	02	0	0	—	16.7	19	64	12	0
EL DABÂ	360	4	7	00	0	0	—		19	73	14	0
ALEXANDRIA	310	11	35	00	0	0	—	16.2	19	64	12	0
FOUAD (Airport)	320	10	12	01	0	0	—	15.9	19	64	12	0
DAMIETTA	340	5	7	02	1	1	Cu	15.7	20	64	13	0
PORT SAÏD	350	13	14	02	0	1	SC	15.0	20	64	13	0
EL 'ARISH												
DAMANHUR	360	9	15	02	0	0	—	16.3	19	73	14	0
MANSURA	320	5		00	1	0	—	15.5	20	64	13	0
TANTA	00	0	35	02	1	0	—	16.3	19	52	9	0
ZAGAZIG												
ISMAÏLIA												
FAROUK (Airport)	340	7	12	00	0	0	—	15.7	23	44	10	0
ALMAZA	340	10	12	00	0	0	—	16.8	24	61	16	0
EZBEKIYA	340	4	12	00	0	0	—	15.2	22	44	9	0
GIZA	340	4	12	00	0	0	—	15.3	23	38	8	0
HELWÂN												
FAIYÛM	360	2	35	02	0	0	—	15.9	25	34	8	0
MINYA	360	1	8	00	0	0	—	13.7	22	50	11	0
ASYÛT MANQABÂD	20	6	12	00	0	0	—	13.2	25	28	5	0
NAG' HAMMADI	270	1	15	00	0	0	—	13.1	26	37	10	0
QENA	320	1	7	00	0	0	—	12.4	30	25	8	0
LUXOR												
ASWÂN	360	5	15	00	0	0	—	11.1	30	25	8	0
SÎWA	00	0	10	00	0	0	—	15.4	26	32	8	0
BAHARÎYA	320	2	15	02	0	0	—	15.2	25	42	11	0
FARAFRA	00	0	15	02	0	0	—	15.1	26			0
DAKHLA	350	5	35	00	0	0	—	13.4	29	43	15	0
KHARGA	360	2	15	00	0	0	—	15.2	27	20	2	0
SUEZ	360	5	15	02	0	0	—	14.4	23	65	16	0
TÛR	310	13	15	05	3	0	—	11.8	27	52	16	0
HURGHÂDA	310	25	12	02	0	0	—	10.8	25	42	11	0
QUSEIR	360	9	15	02	0	0	—		26	62	18	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 Thursday 29th May, 1952

Station	Wind 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.	Total from Oct. 1st	Normal from Oct. 1st
SALUM	40	5	15	00	0	1	Ci	15.5	+2.5	20	23	-5	16	-2	73	15	0	Rain	
SIDI BARÂNI	90	5	18	00	0	0	—	15.8		20			13		64	13	0	115	
MATRÛH	50	4	18	00	1	0	—	16.3	+2.6	20	23				64	13	0	135	
EL DABÂ	00	0	15	02	1	4	Cb								57	13	0	214	
ALEXANDRIA	40	8	50	01	1	2	Cu	16.3	+2.6	21	23	-4	18	-1	57	12	0	166	185
FOUAD (Airport)	00	0	18	02	1	3	SC	16.3	+3.5	21	23	-4			61	13	0	Rain	138
DAMIETTA	340	2	15	00	0	0	—	16.6	+3.9	21	23	-4	17	-2	74	16	0	171	105
PORT SAÏD	320	6	14	01	1	3	SC	15.9	+3.1	21	24	-3	19	-2	57	12	0	92	
EL 'ARISH	300	2	30	02	1	2	Cu	15.0	+2.1	22			14		57	13	0	101	
DAMANHUR	40	5	15	02	0	0	—	16.3	+3.0	21	25	-6	14	-3	65	14	0	87	101
MANSURA	40	3	35	00	0	0	—	16.3	+3.4	22	28	-5	14	-3	57	13	0	62	54
TANTA	00	0	35	01	1	1	Cu	15.8	+2.5	21	27	-6	12	-4	65	14	0	65	43
ZAGAZIG	00	0	35	03	1	3	Cu	16.3	+3.2	22			14	-2	65	15	0	30	27
ISMAÏLIA																			
FAROUK (Airport)	40	5	12	03	0	2	SC	16.0		20	28		16		60	12	0	83	
ALMAZA	30	9	12	03	0	2	Cu	16.1	+3.3	20	29	-5	16	-2	73	15	0	71	
EZBEKIYA	00	0	10	01	0	3	Cu	15.9	+3.1	20	28	-6	16	-2	49	9	0	61	26
GIZA	00	0	10	01	0	3	Cu	15.7	+3.0	21	29	-5	13	-3	57	12	0	58	26
HELWÂN																			29
FAIYÛM	360	4	35	02	0	0	—	16.2	+3.6	22	29	-6	16	-2	50	11	0	23	8
MINYA	350	2	10	00	0	0	—	15.1	+2.7	21	30	-6	12	-6	53	11	0	5	
ASYÛT MANQABÂD	350	3	18	00	0	0	—	15.4	+3.8	22			16	-4	38	7	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	14.7	+4.6	25	34	-3	16	-3	47	13	0	0.1	
QENA	320	1	15	00	0	0	—	14.2	+4.8	26	37	-2	19	-3	37	10	0	2	
LUXOR																			
ASWÂN	320	4	50	00	0	0	—	13.4	+3.4	25	36	-4	22	-3	34	8	0	dr.	
SÎWA	100	11	14	00	0	0	—	15.9	+1.9	21	32	-4	18	0	61	13	0	26	8
BAHARÎYA	90	1	35	02	0	0	—	16.3	+3.2	23	30	-5	16	-2	50	12	0	1	7
FARAFRA	40	4	35	02	0	0	—	16.0		22	32		15		47	11	0	Rain	
DAKHLA	00	0	50	00	0	0	—	15.8	+4.1	25	33	-6	18	-3	42	11	0	dr.	
KHARGA	360	4	15	00	0	0	—	15.0	+4.5	26	33	-6	21	-1	25	4	0	dr.	
SUEZ	360	4	35	00	0	4	SC	14.6	+2.5	22	29	-5	15	-5	57	13	0	44	17
TÛR	310	13	35	02	0	0	—	12.6	+2.8	24			22	0	61	16	0	1	13
HURGHÂDA	320	21	12	02	0	0	—	12.2	+2.4	24	27	-3	19	-3	50	13	0	Rain	
QUSEIR	360	19	15	02	0	0	—	12.2	+2.4	25	29	-3	22	-3	47	13	0	dr.	4
PORT SÛDÂN	20	15	7	07	0	0	—	9.4		31	39		25		43	17	0	211	97
WÂDI HALFA	360	15		02	0	0	—	12.2		26	40		21		23	3	0	dr.	
ABU HAMAD	360	10	30	02	0	0	—			31	44		27		16	2	0		
KAREIMA	50	15	10	07	0	0	—	10.1		31	45		27		26	9	0	dr.	2
'ATBARA	10	16	10	07	0	0	—	6.9		32	45		27		9	-5	0	dr.	6
KHARTÛM	10	17	15	02	0	0	—	6.6		33	46		29		15	3	0	0.6	7
KASSALA	50	7	30	02	0	0	—	5.2		33	45		24		20	7	0	49	23
WÂD MEDANI	50	9	35	02	0	0	—	3.6		34	44		28		16	5	0	40	24
RENK	230	13	35	02	0	2	Ci			32	41		26		43	18	0		87
ROSEIRES																			109
EL OBEID																			33
EL FÂSHER	190	3	30	02	0	0	—			27	41		23		17	3	0	13	15
GENEINA	260	3	10	06	2	8	CS			28	41		24		18	1	0		26
MALAKÂL	220	4	30	03	2	7	Ac, CS	9.3		27	38		23		70	21	12	189	192
WÂU	230	4	30	02	2	8	CS	8.5		27	35		23		79	23	11	Rain	358
JUBA	180	6	30	02	2	5	Cu, CS	9.9		27	33		23		74	22	0	427	450

HUMIDITY %

Mean of day

STATION	on 28th	Diff. from normal
Alexandria	63	-8
Ezbekiye	45	-6
Giza	44	-6
Helwan		

GIZA
GRASS MINIMUM TEMP ON 29th 11.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ____ At ____

RAWINSONDE — FAROUK AIRPORT — 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					

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.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		20	
300	320	9	360	12	340	16	270	3	10	17	360	21	340	10	360	7
600	340	11	350	14	340	20	260	2	10	27	360	28	300	14	360	7
1000	260	15	350	20	340	16	260	3	30	9	360	34	300	13	360	5
1500	270	17	340	23	340	20	330	18	10	17			290	21	20	5
2000					320	31	310	30					300	28	30	3
3000					320	31	290	38					290	24		
4000							290	38								
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 29th

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	8		4				2						2		8				8					
300	110	9	350	5			320	9					30	13	360	10			360	12				
600	80	5	350	6			330	7					10	19	360	14			10	16				
1000	360	7	340	10			320	5					350	11	10	12			20	16				
1500	310	17	320	13			300	3					310	23	340	19			360	29				
2000	300	21	300	23			300	12											340	24				
3000			290	30			300	33																
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.	Malakâl Dir.	Malakâl Vel.
Time	8		8		8		8												4				4	
300	100	20	270	4	80	8	360	14																
600	100	22	220	3	70	4	360	17															220	16
1000	110	16	100	5	40	9	350	21											40	27			230	21
1500	170	2					360	20											50	31			210	16
2000	310	11																	50	37			150	2
3000	300	21																					30	27
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.

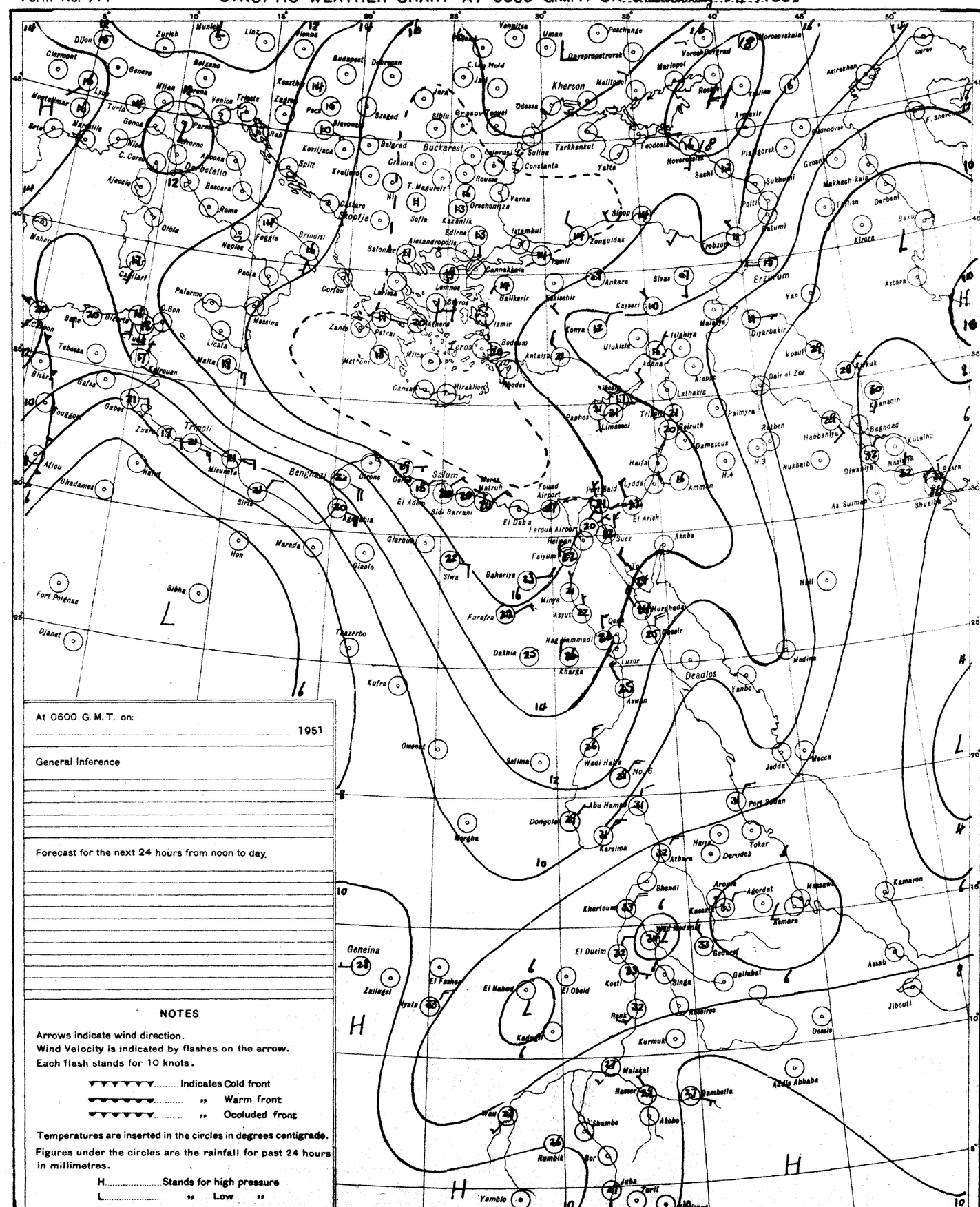
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 29/5/1952



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 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: Friday 30th May, 1951 2

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	SALUM	20	13	35	00	0	0	—	14.8	21	61	13
	303	SIDI BARANI	70	10	30	00	0	0	—	14.6	22	69	16
	306	MATRUH	30	9	30	02	0	0	—	15.6	22	53	12
	309	EL DABA	40	10	35	00	0	0	—		23	50	12
		ALEXANDRIA	40	16	50	00	0	0	—	15.6	22	50	11
	318	FOUAD (Airport)	10	11	18	02	0	1	Cu	15.2	24	50	13
	330	DAMIETTA	360	5	35	02	0	0	—	14.4	23	50	12
	333	PORT SAID											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	5	15	02	1	1	Cu	15.6	26	42	12
	342	MANSURA	40	5	35	02	1	2	Cu	14.3	28	33	10
	348	TANTA	00	0	35	02	0	0	—	14.6	27	33	9
	354	ZAGAZIG	00	0	50	02	1	3	Cu	14.4	27	42	13
	440	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	20	9	18	02	0	1	Cu	14.1	27	27	6
	372	ALMAZA	70	6	30	02	1	1	Cu	13.6	26	48	14
		EZBEKIYA	00	0	30	00	1	1	Cu	14.2	28	29	8
		GIZA	00	0	30	00	1	1	Cu	13.8	28	27	7
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	4	35	02	0	0	—	13.9	28	27	7
	387	MINYA	360	7	12	00	0	0	—	12.3	30	31	11
	393	ASYUT MANQABAD	320	10	30	00	0	0	—	12.4	32	6	-6
	399	NAG' HAMMADI	320	1	35	00	0	0	—	11.6	33	21	8
	402	QENA	270	1	50	00	0	0	—	10.7	36	13	4
	405	LUXOR											
	414	ASWAN	360	10	15	00	0	0	—	10.3	35	15	5
Oases	417	SIWA	100	12	14	03	0	2	Cc	14.2	31	17	3
	420	BAHARIYA	00	0	35	02	0	0	—	13.9	32	34	14
	423	FARAFRA	00	0	35	02	0	0	—	13.5	34	32	15
	432	DAKHLA	40	6	50	00	0	0	—	12.0	35	37	18
	435	KHARGA	00	0	15	00	0	0	—	12.3	33	16	4
Red Sea	450	SUEZ	360	4	50	01	0	2	Sc	13.3	26	37	10
	459	TOR	310	19	35	02	0	0	—	10.8	27	52	16
	462	HURGHADA	340	20	30	02	0	3	—	11.1	27	40	12
	465	QUSEIR	360	19	15	02	0	0	—	10.4	27	55	17
	641	PORT SUDAN	20	16	30	02	0	0	—	8.0	33	38	17
North Sudan	600	WADI HALFA	360	17	50	02	0	0	—	9.0	36		
	640	ABU HAMAD	360	8	30	02	0	0	—		39	4	-11
	660	KAREIMA											
	680	ATBARA	360	11	10	05	0	0	—	2.7	42	3	-11
	721	KHARTUM	320	9	30	02	0	0	—	2.7	43	6	-3
	730	KASSALA	40	2	30	02	0	0	—	1.1	42	12	7
Central Sudan	751	WAD MEDANI	50	5	35	02	0	0	—	2.2	43	7	0
	801	RENK	270	5	35	02	0	1	Cc		42	27	19
	802	ROSEIRES											
	771	EL OBEID	50	17		05	0	0	—	2.2	41	6	-3
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL	200	8	30	02	2	8	Cu, Cs	3.5	35	39	19
	880	WAU											
	947	JUBA											

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.
SALUM	70	13	15	00	0	1	Cu	13.9	20	73	15	0
SIDI BARANI	70	13	16	00	0	0	—	13.6	20	69	14	0
MATRUH	50	9	30	02	0	0	—	14.7	19	77	15	0
EL DABA	40	11	7	00	0	0	—		20	64	13	0
ALEXANDRIA	360	17	35	00	0	0	—	16.2	20	56	11	0
FOUAD (Airport)												
DAMIETTA	340	5		02	0	1	Cu	15.4	20	63	17	0
PORT SAID	10	9	16	02	0	0	—	14.2	20	69	14	0
EL 'ARISH												
DAMANHUR	360	9	15	02	0	0	—	14.7	20	73	15	0
MANSURA												
TANTA	00	0	35	02	0	0	—	15.4	19	64	12	0
ZAGAZIG	40	1	35	02	1	0	—	14.8	22	57	13	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA	40	16	18	00	0	0	—	13.4	24	69	18	0
EZBEKIYA	80	6	12	00	0	0	—	13.5	24	47	12	0
GIZA	80	6	12	00	0	0	—	13.7	24	47	12	0
HELWAN												
FAIYUM	00	0	35	02	0	0	—	13.0	26	37	10	0
MINYA	360	4	8	00	0	0	—	11.7	23	44	9	0
ASYUT MANQABAD	30	4	18	00	0	0	—	11.2	26	23	3	0
NAG' HAMMADI	00	0	15	00	0	0	—	11.4	26	37	10	0
QENA												
LUXOR												
ASWAN	360	5	15	00	0	0	—	10.0	31	22	7	0
SIWA	100	7	10	01	0	0	—	12.2	29	20	4	0
BAHARIYA	00	0	15	02	0	0	—	12.8	26	42	12	0
FARAFRA	40	1	15	02	2	2	AC	11.8	27	37	11	0
DAKHLA	70	5	50	00	0	0	—	10.7	30	40	15	0
KHARGA	00	0	15	00	0	0	—	12.2	29	19	3	0
SUEZ	360	6	15	01	0	0	—	12.8	28	33	10?	0
TOR	310	9	35	02	0	0	—	10.0	24	74	19	0
HURGHADA	320	13	15	02	0	0	—	10.0	25	61	17	0
QUSEIR												
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Friday 30th May, 1952

Station	Wind 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	9	15	00	0	0	—	12.8	-0.2	20	23	-5	17	-1	73	15	0	Rain	
SIDI BARANI	100	13	16	02	1	1	Cc	12.7		21	23		14		65	14	0	115	
MATRUH											23								
EL DABA	70	3	15	01	1	2	Cu			21	23		13		65	14	0	214	
ALEXANDRIA	90	11	50	01	0	2	Cu	14.3	+0.6	21	23	-4	16	-3	57	12	0	166	185
FOUAD (Airport)	100	11	18	03	0	0	—	13.9	+1.2	21			15	-3	61	13	0	Rain	138
DAMIETTA	40	5	7	03	1	3	Cu	13.8	+1.2	22	23	-4	17	-2	57	13	0	171	105
PORT SAID	100	10	10	02	0	1	Sc	13.3	+0.5	22	24	-3	19	-2	53	12	0	92	
EL 'ARISH	110	4	30	00	0	0	—	13.6	+1.0	21			16		57	12	0	101	
DAMANHUR	40	13	15	02	0	0	—	14.0	+0.7	21	27	-4	14	-3	65	14	0	87	101
MANSURA	70	3	35	00	0	0	—	14.2	+1.3	23			16	-1	50	12	0	62	54
TANTA	70	5	35	02	0	0	—	14.2	+0.9	21	29	-5	13	-3	65	14	0	65	43
ZAGAZIG	40	2	35	02	0	0	—	13.8	+0.8	22	29	-4	16	0	57	13	0	30	27
ISMAILIA																			
FAROUK (Airport)	70	18	30	00	0	0	—	12.7		22			16		50	11	0	83	
ALMAZA	100	16	30	00	0	0	—	13.1	+0.6	23	28	-6	17	-2	44	10	0	71	
EZBEKIYA	90	4	12	00	0	0	—	13.0	+0.3	24	28	-6	17	-1	30	5?	0	61	26
GIZA	90	4	12	00	0	0	—	12.9	+0.2	23	29	-5	18	+2	38	8	0	58	26
HELWAN																			29
FAIYUM	00	0	35	02	0	0	—	12.7	+0.2	23	30	-5	16	-2	50	12	0	23	8
MINYA	360	2	10	00	0	0	—	11.1	-0.6	22	31	-5	14	-4	50	11	0	5	
ASYUT MANQABAD	00	0	14	00	0	0	—	12.0	+0.4	23	32	-5	18	-2	38	8	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	11.4	+1.4	26	34	-3			37	10	0	0.1	
QENA	270	1	15	00	0	0	—	11.8	+1.8	25			19	-3	28	5	0	2	
LUXOR																			
ASWAN	00	0	50	00	0	0	—	9.4	-0.6	27	36	-4	22	-3	27	6	0	dr.	
SIWA	100	13	14	00	0	0	—	11.6	-2.4	22	32	-4	20	-2	41	8	0	26	8
BAHARIYA	90	2	35	02	0	0	—	12.2	-0.9	25	33	-3	18	0	39	10	0	1	7
FARAFRA	90	1	15	02	0	0	—	11.6		25	35		16		42	11	0	Rain	
DAKHLA	160	5	50	00	0	0	—	11.2	+0.5	28	37	-2	20	-1	40	13	0	dr.	
KHARGA	360	1	35	00	0	0	—	10.6	+0.1	27	34	-5	22	0	20	2	0	dr.	
SUEZ	90	2	35	00	0	0	—	12.6	0.0	26	28	-6	15	-5	42	12?	0	44	17
TOR	310	9	50	02	0	0	—	11.8	+2.0	24			18	-4	74	19?	0	1	13
HURGHADA	340	12	15	01	0	0	—	11.6	+1.3	25	27	-3			45	12?	0	Rain	
QUSEIR	360	13	15	02	0	0	—	10.7	+1.0	26			22	-3	48	14	0	dr.	4
PORT SUDAN																			97
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			2
ATBARA																			6
KHARTUM																			7
KASSALA																			23
WAD MEDANI																			24
RENK																			88
ROSEIRES																			111
EL OBEID																			34
EL FASHER																			15
GENEINA																			27
MALAKAL																			195
WAU																			363
JUBA																			455

HUMIDITY %

Mean of day

Station	on 29th	Diff. from normal
Alexandria	58	-13
Ezbekiya	47	-4
Giza	44	-6
Helwan		

GIZA GRASS MINIMUM TEMP. ON 30th 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.
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.	Asyut Dir.	Asyut Vel.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Kharga Dir.	Kharga Vel.	Dakhla Dir.	Dakhla Vel.	Siwa Dir.	Siwa Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.					Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Fouad A/P Dir.	Fouad A/P Vel.
Time	14		14		14		14		14		14		14		14						20		20		20	
300	330	13	50	12	360	12	10	17	100	13	110	23	60	14	10	8					10	14	340	6	20	14
600	340	12	20	4	10	9	10	22	110	9	110	18	60	7	10	7					10	13	330	6	10	8
1000	350	14	360	3	360	9	360	23	80	10	110	17	270	2	350	10					20	10	340	10	340	6
1500	340	25	320	18	10	7			50	9	110	15	260	14	360	11					20	9	350	13		
2000	320	29	290	21							90	8	310	21	10	10					30	7				
3000											280	15	300	39												
4000													290	38												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 30th

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	8		4				2						2		6									
300	90	13	90	16			70	7					340	3	30	3								
600	100	16	100	15			80	8					330	3	10	4								
1000	110	14	110	7			70	7					330	4	320	5								
1500			300	7			360	7					340	5	290	15								
2000			330	12			320	8																
3000			300	23			340	8																
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																	
300	90	23	120	8	120	10	40	16																
600	110	30	120	9	120	10	40	20																
1000	110	30	110	9	120	13	30	15																
1500	140	18	120	6	130	14	90	3																
2000	160	24	130	5			280	2																
3000	230	10																						
4000	290	9																						
5000																								
6000																								
7000																								
8000																								

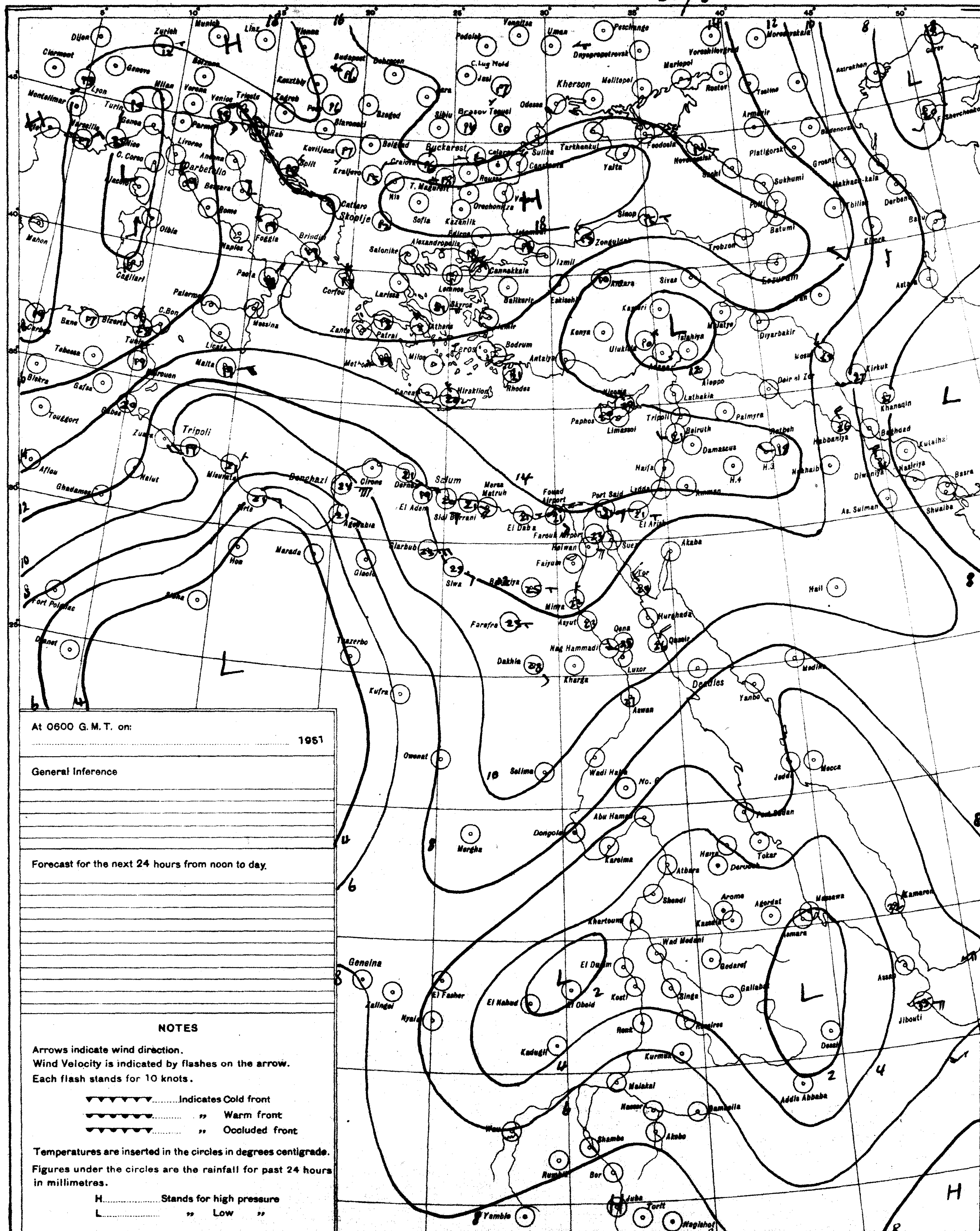
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 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 ,,

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 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

CAIRO

Time of Sunrise 02 55 G.M.T.

" " Sunset 16 51 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 31st May, 1951 2

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	SALÛM	40	19	35	00	0	0	—	11.6	23	61	15
	303	SÎDI BARÂNI	70	18	30	00	0	0	—	12.2	23	57	14
	306	MATRÛH	60	16	30	00	0	0	—	13.3	24	41	10
	309	EL DABA	40	16	35	00	0	0	—		22	50	11
		ALEXANDRIA	40	22	50	00	0	0	—	13.8	23	44	10
	318	FOUAD (Airport)	20	16	18	02	0	0	—	13.5	24	54	14
	330	DAMIETTA	140	2	35	01	1	0	—	14.0	24	54	14
	333	PORT SA'ÎD	70	13	30	03	0	0	—	13.1	23	61	15
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	130	5	15	02	0	0	—	13.6	29	29	9
	342	MANSURA	360	9	35	00	0	0	—	13.5	28	33	10
	348	TANTA	40	8	35	01	1	4	Cu	12.7	31	31	12
	354	ZAGAZIG	40	1	50	02	0	0	—	13.0	28	40	13
	440	ISMAÎLIA											
CAIRO AREA	366	FAROUK (Airport)	70	10	30	00	0	0	—	11.9	29	15	0
	372	ALMÂZA	90	8	30	00	0	0	—	11.7	30	19	4
		EZBEKÎYA	00	0	30	00	0	0	—	11.6	31	15	1
		GÎZA	00	0	30	00	0	0	—	11.7	32	15	2
	378	HELWÂN											
UPPER EGYPT	381	FAIYÛM	360	4	35	02	0	0	—	10.3	32	20	6
	387	MINYA	340	4	12	00	0	0	—	9.4	34	18	6
	393	ASYÛT MANQABÂD	310	3	30	00	0	0	—	9.4	35	9	-2
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	9.1	37	18	9
	402	QENA	220	1	50	00	0	0	—	8.4	39	14	7
	405	LUXOR											
	414	ASWÂN											
OASES	417	SÎWA	100	14	13	00	0	0	—	9.5	34	12	1?
	420	BAHARÎYA	90	2	35	02	0	0	—	10.7			15
	423	FARAFRA	110	4	35	02	0	0	—	9.3	36	29	15
	432	DAKHLA	00	0	50	00	0	0	—	7.6	39	30	18
	435	KHARGA	00	0	15	00	0	0	—	8.2	38	13	5
RED SEA	450	SUEZ	360	3	50	02	0	0	—	9.9	31	33	13
	459	TÛR	310	9	50	02	0	0	—	9.8	27	62	19
	462	HURGHÂDA	20	12	30	02	0	0	—	9.0	26	74	21
	465	QUSEIR	360	9	15	02	0	0	—	8.8	27	70	21
	641	PORT SUDÂN											
NORTH SUDAN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	50	16	10	06	0	0	—				-3
	680	'ATBARA	10	30	30	02	0	0	—				-3
	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 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	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALÛM	70	13	15	01	1	4	Ns, As	10.8	20	83	17	0
303	SÎDI BARÂNI	80	15	15	02	1	4	AC	11.0	20	78	16	0
306	MATRÛH	60	9	18	03	0	5	As, Cs	12.8	20	69	14	0
309	EL DABA	70	15	7	01	1	2	Cu		20	73	15	0
	ALEXANDRIA	40	16	35	00	0	0	—	13.5	20	73	15	0
318	FOUAD (Airport)	40	14	12	02	0	0	—	13.6	21	65	14	0
330	DAMIETTA	70	5	7	00	0	0	—	13.1	21	65	14	0
333	PORT SA'ÎD	50	20	30	02	0	0	—	12.0	21	74	16	0
336	EL 'ARISH												
339	DAMANHUR	130	13	15	02	0	0	—	13.1	21	65	14	0
342	MANSURA	20	5		00	0	0	—	13.3	21	57	12	0
348	TANTA	360	5	35	02	1	0	—	13.3	21	57	12	0
354	ZAGAZIG	40	3	35	02	0	0	—	13.0	22	65	15	0
440	ISMAÎLIA												
366	FAROUK (Airport)	70	19	12	00	0	0	—	11.6	24	38	9	0
372	ALMÂZA	40	27	12	00	0	0	—	11.7	25	34	8	0
	EZBEKÎYA	120	7	12	00	0	0	—	11.3	23	38	8	0
	GÎZA	120	7	12	00	0	0	—	11.7	25	34	8	0
378	HELWÂN												
381	FAIYÛM	00	0	35	02	0	0	—	12.4	28	22	4	0
387	MINYA	360	5	8	00	0	0	—	9.0	24	41	10	0
393	ASYÛT MANQABÂD	280	6	12	00	0	0	—	8.7	30	11	-4	0
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	8.6	26	55	16	0
402	QENA	00	0	7	00	0	0	—	7.6	34	14	3	0
405	LUXOR												
414	ASWÂN	360	3	15	00	0	0	—	7.5	34	14	3	0
417	SÎWA	40	11	10	00	0	0	—	7.0	30	12	2?	0
420	BAHARÎYA	40	4	15	02	0	0	—	10.0	28	40	13	0
423	FARAFRA	90	12	15	02	0	0	—	6.6	31			0
432	DAKHLA	90	11	35	00	0	0	—	6.8	34	32	15	0
435	KHARGA	00	0	15	00	0	0	—	8.8	32	15	2	0
450	SUEZ	360	7	15	02	0	0	—	10.8	24	47	12	0
459	TÛR	310	5	35	02	0	0	—	8.4	25	74	20	0
462	HURGHÂDA	340	2	12	02	0	0	—	8.8	25	70	19	0
465	QUSEIR	60	9	15	02	0	0	—	9.8	26	74	21	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												
760	EL FÂSHER												
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Saturday 31st 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	SALÛM	40	13	15	20	5	7	Cu, Sc	11.1	-1.9	21	23	-5	19	+1	78	17	dr.	Rain	
303	SÎDI BARÂNI	80	26	10	07	8	5	Ns	12.0		21	23		19		74	16	dr.	115	
306	MATRÛH	70	22	14	03	2	7	Ns	13.5	-0.1	21	25		18		74	16	0	135	
309	EL DABA	70	32	15	03	2	8	St			21	23		17		74	16	0	214	
	ALEXANDRIA	20		50	00	0	0	—	13.6	0.0	23	24	-3	16	-3	61	15	0	166	185
318	FOUAD (Airport)	10	18	18	03	0	2	AC	13.1	+0.4	23	25	-3	16	-2	61	15	0	Rain	138
330	DAMIETTA	90	9	15	00	0	0	—	13.1	+0.6	23	24	-3	19	0	65	16	0	171	105
333	PORT SA'ÎD	80	20	14	02	0	2	Ci	12.8	+0.1	22	24	-3	20	-2	74	17	0	92	
336	EL 'ARISH	00	0	30	03	1	2	Ci	13.2	+0.4	23			15		69	17	0	101	
339	DAMANHUR	130	19	15	02	0	0	—	13.6	+0.4	24	30	-1	15	-2	54	14	0	87	101
342	MANSURA	90	13	35	00	0	0	—	13.8	+1.0	24	29	-4	17	0	54	14	0	62	54
348	TANTA	40	13	35	01	1	4	Cu	13.8	+0.6	24	31	-3	15	-1	61	16	0	65	43
354	ZAGAZIG	40	3	35	03	1	3		13.3	+0.4	23	30	-3	15	-1	65	16	0	30	27
440	ISMAÎLIA																			
366	FAROUK (Airport)	70	19	14	03	1	5	As, Cs	12.3		22	31		17		47	10	0	83	
372	ALMÂZA	70	20	12	03	1	6	Cs	11.9	-0.5	22	32	-2	17	-2	47	10	0	71	
	EZBEKÎYA	90	6	12	02	1	6	Cs	11.9	-0.8	24	31	-3	18	0	38	9	0	61	26
	GÎZA	90	6	12	02	1	6	Cs	12.2	-0.4	23	32	-2	18	+2	50	12	0	58	26
378	HELWÂN																			29
381	FAIYÛM	00	0	35	03	2	6	As	10.6	-1.9	24	33	-2	17	-2	54	14	0	23	8
387	MINYA	00	0	10	03	2	6	AC	9.2	-3.1	26	34	-2	16	-2	32	8	0	5	
393	ASYÛT MANQABÂD	100	3	14	00	0	1	Cs	9.5	-2.0	29	36	-1	20	0	14	-1	0	3	
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	9.9	-0.1	28	38	+1	19	-1	40	13	0	0.1	
402	QENA	180	1	35	00	0	0	—	10.3	+0.4	30	40	0	22	0	21	5	0	2	
405	LUXOR																			
414	ASWÂN	340	3	50	00	0	0	—	8.4	-1.6	30	39	-1	25	0	25	8	0	dr.	
417	SÎWA	90	13	12	02	0		AC	6.7	-7.3	23	36	0	20	+2	38	8	0	26	8
420	BAHARÎYA	130	10	35	02	2	8	As	8.6	-4.5	28	34	-2	21	+3	40	13	0	1	7
423	FARAFRA	340	4	7	02	2	8	AC	9.1		26	38		22		37	10	0	Rain	
432	DAKHLA	90	4	35	01	0	4	Ci	8.6	-3.0	29	39	0	23	+2	40	14	0	dr.	
435	KHARGA	00	0	35	00	0	0	—	7.9	-2.5	32	39	0	23	0	20	6	0	dr.	
450	SUEZ	310	3	35	00	0	0	—	10.6	-1.3	27	32	-2	17	-3	37	11	0	44	17
459	TÛR																			13
462	HURGHÂDA	330	13	18	02	0	0	—	10.3	+0.6	24	27	-3	18	-4	61	16	0	Rain	
465	QUSEIR	360	5	15	02	0	0	—	9.8	+0.2	28	28	-4	21	-4	42	14	0	dr.	4
641	PORT SUDÂN																			97
600	WÂDI HALFA																			
640	ABU HAMAD																			
660	KAREIMA																			2
680	'ATBARA																			6
721	KHARTÛM																			7
730	KASSALA																			23
751	WÂD MEDANI																			24
801	RENK																			89
802	ROSEIRES																			113
771	EL OBEID																			35
760	EL FÂSHER																			15
770	GENEINA																			28
840	MALAKÂL																			197
880	WÂU																			368
941	JUBA																			460

HUMIDITY % Mean of day

Station	on 30th	Diff. from normal
Alexandria	62	-9
Ezbeklya	35	-16
Gîza	34	-16
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 31st 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 ____ 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 30th

Station	Port Said		Minya		Asyut		Dakhla		Kharga		Matruh		Siwa		S. Barani										Fouad A.P.	
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	40	17	320	10	350	5	160	11	160	2	70	10	100	16	80	24									90	13
600	50	23	10	11	10	7	170	13	160	3	100	13	100	15	90	16									70	12
1000	60	11	330	11	10	6	170	17			90	12	120	22	100	9									70	13
1500	90	7	320	19	290	10	170	17			10	4	150	16	50	7										
2000					290	10	170	30			290	15	180	17	280	7										
3000					300	11							210	19												
4000					300	23																				
5000					302	30																				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 31st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time					8		2						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					60	17	60	17					360	2	110	11			260	5				
600					90	19	70	21					360	3	140	10			330	9				
1000					80	19	80	27					340	5	170	8			360	7				
1500					180	7	140	3					350	6	220	8			50	20				
2000					220	10	210	5					340	6	300	16			30	20				
3000					260	17																		
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																	
Height m.	Dir.	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	44	180	25	130	17	110	10																
600	90	50	190	22	130	24	130	17																
1000	110	23	170	20			140	16																
1500							200	10																
2000							220	10																
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.

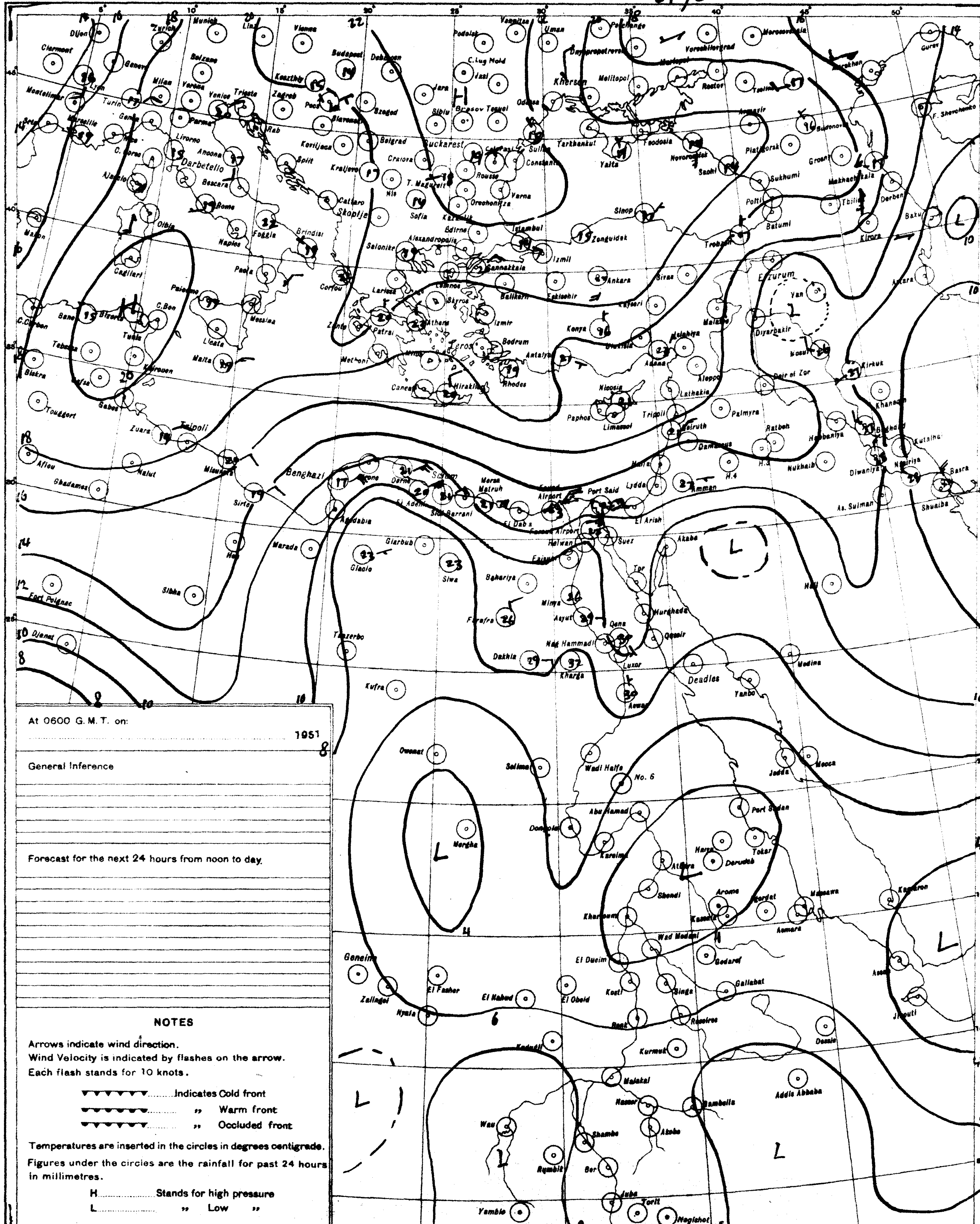
Printed by the Survey of Egypt 1949 (49/597).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 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 ,,

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

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 02 54 G.M.T.
" " Sunset 16 51 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 1st June, 1951 2

At 1200 on Saturday 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	SALÛM	90	13	35	02	1	1	Cu	11.0	22	74	17
	303	SÎDI BARÂNI	70	28		07	1	0	—	10.6	24	61	16
	306	MATRÛH	60	25	15	01	8	5	ac,Ci	11.8	24	61	16
	309	EL DABA	90	14	35	03	2	8	St		22	74	17
		ALEXANDRIA	90	32	35	06	3	8	Cu,Sc	13.0	22	57	13
	318	FOUAD (Airport)	50	20	12	60	6	8	Ac	12.8	22	61	14
	330	DAMIETTA				03	1		As	12.3	24	61	16
	333	PORT SAÏD	60	19	18	02	0	2	Ci	11.8	24	69	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	19	15	02	2	7	Ac	11.9	26	42	12
	342	MANSURA	40	13	15	03	2	8	As	12.2	28	33	10
	348	TANTA	40	13	35	03	2	8	As	11.6	30	31	11
	354	ZAGAZIG	40	2	50	01	1	0	—	11.5	31	43	17
	440	ISMAÏLIA											
Cairo Area	366	FAROUK (Airport)	70	21	18	03	1	4	Ci	10.9	34	19	7
	372	ALMÂZA	40	20	18	01	2	5	Ca	10.1	33	24	10
		EZBEKÎYA	90		18	02	2	5	Ac,Ci	10.6	34	25	11
		GÎZA	90		18	02	2	5	Ac,Ci	11.1	34	18	6
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	330	4	35	01		6	As	8.9	33	21	8
	387	MINYA	350	6	10	02	2	8	Ac	8.1	36	21	11
	393	ASYÛT MANQABÂD	180	6	18	02	1	6	Ac	7.8	42	5	6
	399	NAG' HAMMÂDI											
	402	QENA	180	1	50	00	0	0	—	8.4	42	15	10
	405	LUXOR											
	414	ASWÂN	70	5	50	00	0	0	—	7.4	42	9	3
Oases	417	SÎWA	110	14	8	07	3	0	—	5.5	38	13	5
	420	BAHARÎYA	180	3	35	01	2	4	Ac	7.0	41	26	18
	423	FARAFRA	130	15	3	02	3	3	Ac	5.8	40	30	19
	432	DAKHLA	170	11	15	01	2	2	Ci	6.6	42	32	22
	435	KHARGA	00	0	35	02	1	2	Ci	6.3	43	11	6
Red Sea	450	SUEZ	360	2	50	03	0	5	Sc	9.4	29		
	459	TÛR	270	5	50	03	0	1	Cs	9.0	29	52	18
	462	HURGHADA	340	5	30	02	0	0	—	8.2	29	66	22
	465	QUSEIR	20	5	18	02	0	0	—	9.0	29	66	22
	641	PORT SÛDAN	40	10	30	02	0	0	—	6.4	34	32	15
North Sûdan	600	WÂDI HALFA	40	8	30	02	0	0	—	5.1	43	10	5
	640	ABU HAMAD	20	2	30	02	0	0	—		42	6	-3
	660	KAREIMA	50	12	30	02	0	0	—	3.5	42	7	-1
	680	'ATBARA	10	6	30	02	0	0	—	1.9	43	10	5
	721	KHARTÛM	110	2	30	02	0	1	Ci	2.4	41	13	7
	730	KASSALA	20	2	30	03	0	1	Cu	0.3	43	11	6
Central Sûdan	751	WÂD MEDANI	360	2	35	02	0	0	—	1.2	42	8	1
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	70	6	30	02	0	0	—		38	19	11
	770	GENEINA											
S. Sûdan	840	MALAKÂL	210	4	30	03	2	8	Ch,Ac	4.4	36	35	18
	880	WÂU											
	941	JUBA	270	7	30	02	6	8	Ch,As	7.4	27	70	21

At 1800 on Saturday 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
SALÛM	20	13	15	00	0	0	—	11.9	21	74	16	0
SÎDI BARÂNI	60	14	15	02	0	1	Cs	10.8	21	74	16	0
MATRÛH	60	16	12	01	2	4	Ac	11.1	20	69	14	0.1
EL DABA	70	16	7	03	2	8	St		21	74	16	0
ALEXANDRIA	90	15	35	03	5	8	As	11.8	22	57	13	dr.
FOUAD (Airport)	80	12	12	02	6	8	Sc	12.4	22	53	12	dr.
DAMIETTA	40	5		03	5	7	As	12.2	22	83	19	dr.
PORT SAÏD	90	20	15	02	1	4	Ac	11.5	22	69	16	0
DAMANHUR	40	13	15	02	1	4	Cu	11.9	21	74	16	0
MANSURA	270	19		03	2	4	Sc,Cu	11.8	23	61	15	0
TANTA	40	13	7	03	2	8	St	11.9	24	69	18	dr.
ZAGAZIG	40	1	35	02	2	8	Cu	11.9	24	54	14	0
FAROUK (Airport)	70	24	12	01	2	2	Sc	11.5	25	30	6	0
ALMÂZA	90	30	6	06	2	5	St,As	11.2	25	47	13	0
EZBEKÎYA	100		10	01	3	3	Cu,Ac	11.6	27	19	11	dr.
GÎZA	100		10	01	3	3	Cu,Ac	11.9	26	30	7	dr.
FAIYÛM	330	13	35	07	3	1	As	9.3	27	37	11	0
MINYA	10	4	8	02	2	3	Ci	7.7	26	48	14	0
ASYÛT MANQABÂD	140	4	18	02	1	4	Ci	7.5	30			0
NAG' HAMMÂDI	00	0	15	00	0	1	Ac	8.3	28	52	17	0
QENA	00	0	7	00	0	0	—	7.9	32	34	14	0
ASWÂN	360	4	15	00	0	0	—	7.1	38	9	0	0
SÎWA	90	10	6	07	3	0	—	5.8	32	26	10	0
BAHARÎYA	40	9	15	02	1	4	Ac	7.4	32	43	18	0
FARAFRA	160	4	15	02	3	3	Ac	5.6	34	36	17	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	6.6	35	12	1	0
SUEZ	270	3	15	01	0	1	Sc	11.3	26	42	12	0
TÛR	270	9	35	01	2	4	Ci	8.4	25	74	20	0
HURGHADA	340	8	30	02	0	0	—	8.3	27	70	21	0
QUSEIR	20	2	15	02	0	0	—	8.9	31	35	21	0
PORT SÛDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 1st June, 1952

Station	Wind 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	13	15	00	0	0	—	12.4	-0.6	22	22	-6	20	+2	65	15	0	Rain	
SÎDI BARÂNI	40	20	15	00	0	0	—	11.4		22	24		20		65	15	0	115	
MATRÛH	60	18	18	01	1	2	Ac	11.4	-2.2	23	25		19		65	16	0.1	135	
EL DABA	90	36	15	03	2	6	Sc,Cu			24	24		20		61	16	0	214	
ALEXANDRIA	90	24	50	03	5	7	Ns,As	11.9	-1.7	23	25	-2	20	+1	61	15	dr.	172	186
FOUAD (Airport)	60	22	12	03	2	7	Ac	11.1	-1.5	23	27	-1	20	+1	65	16	1	Rain	138
DAMIETTA	40	9	15	00	0	0	—	11.4	-1.1	24	24	-4	21	+2	74	19	dr.	171	106
PORT SAÏD	80	20	12	07	1	3	As,Cs	10.5	-2.2	23	24	-3	22	0	84	20	0	92	
DAMANHÛR											27	-4							101
MANSURA	90	9	35	00	0	0	—	9.9	-2.8	27	30	-3	20	+2	55	17	0	62	55
TANTA	60	13	35	03	2	6	Cu	9.8	-3.4	28	31	-3	19	+3	45	15	dr.	65	44
ZAGAZIG	40	2	35	02	0	0	—	9.2	-3.7	25	31	-2	16	-1	61	17	0	30	27
FAROUK (Airport)	110	28	10	02	1	2	Ci	9.3		28	34		20		29	8	0	83	
ALMÂZA	140	29	12	02	2	5	Cs	8.2	-4.2	30	33	-1	22	+3	31	11	0	71	
EZBEKÎYA			10	01	0	3	Ci	8.3	-4.3	33	35	+1	22	+4	23	4	dr.	61	26
GÎZA			10	01	0	3	Ci	9.1	-3.5	30	35	+1	20	+4	25	8	dr.	58	26
HELWÂN																			29
FAIYÛM											38	+3							8
MINYA											38	+2							
ASYÛT MANQABÂD	90	3	12	00	0	0	—	8.1	-3.4	34	42	+5	26	+6	12	1	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	8.9	-1.0	29	41	+4	21	+1	46	16	0	0.1	
QENA	40	1	35	00	0	0	—	8.8	-1.1	32	43	+3	23	+1	20	6	0	2	
LUXOR																			
ASWÂN											43	+2							
SÎWA	80	10	14	00	0	0	—	9.2	-4.7	23	39	+3	20	+2	53	13	0	26	8
BAHARÎYA	90	2	35	02	0	0	—	7.6	-5.4	31	42	+6	22	+4	43	17	0	1	7
FARAFRA	290	5	15	10	4	2	Ac			32	43		23		38	16	0	Rain	
DAKHLA																			
KHARGA	00	0	35	00	0	0	—	8.3	-2.0	31	44	+5	25	+2	22	7	0	dr.	
SUEZ	360	2	35	00	0	6	Cu	8.0	-3.9	27	31	-3	22	+2	48	15	0	44	17
TÛR	270	5	50	02	7	0	—	9.1	-0.6	25			24	-3	61	17	0	1	13
HURGHADA	00	0	30	02	0	0	—	8.3	-1.3	28	30	0	20	-2	52	17	0	Rain	
QUSEIR	360	5	15	02	0	0	—	7.4	-0.2	31	32	0	25	0	31	12	0	dr.	4
PORT SÛDAN																			97
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			2
'ATBARA																			7
KHARTÛM																			8
KASSALA																			24
WÂD MEDANI																			25
RENK																			90
ROSEIRES																			113
EL OBEID																			36
EL FÂSHER																			16
GENEINA																			29
MALAKÂL																			200
WÂU																			373
JUBA																			464

HUMIDITY

Mean of day

Station	on 31st	Diff. from normal
Alexandria	56	-15
Ezbekiya	28	-23
Gîza	38	-12
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 1st June 19.5 °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 31st

Height m.	Port Said Time 14 Dir.	Vel.	Minya Time 14 Dir.	Vel.	Asyut Time 14 Dir.	Vel.	Siwa Time 14 Dir.	Vel.	Dakhla Time 14 Dir.	Vel.	Kharga Time 14 Dir.	Vel.	S. Barani Time 14 Dir.	Vel.											Minya Time 20 Dir.	Vel.
300	40	16	350	4	20	3	80	27	240	4	10	9	90	42											80	28
600	30	18	330	3	360	2	80	30	250	5	10	9	90	49											120	15
1000	40	9	330	3	210	3	90	35	240	3	360	5	90	42											120	18
1500	330	16	270	2	190	4			220	7	360	2	120	29												
2000	340	23			240	13							120	28												
3000					210	19																				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st June,

Height m.	Sîdi Barâni Time 8 Dir.	Vel.	Matrûh Time 4 Dir.	Vel.	Fouad Airport Time 2 Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Time 2 Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Time 8 Dir.	Vel.	Hurghada Dir.	Vel.	Almaza 4 30 Dir.	Vel.
300	50	33	60	23	80	28							120	16					90	6			80	25
600	70	41	70	33	100	28							130	38					70	13			110	23
1000	70	8	80	22	90	27							150	28					70	18			190	10
1500	80	30	120	23	120	28							190	30					40	23			200	13
2000																			30	17				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	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																	
300	50	5			340	7	140	9																
600	50	5					150	16																
1000	270	6					150	16																
1500	270	10					180	30																
2000	250	8																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

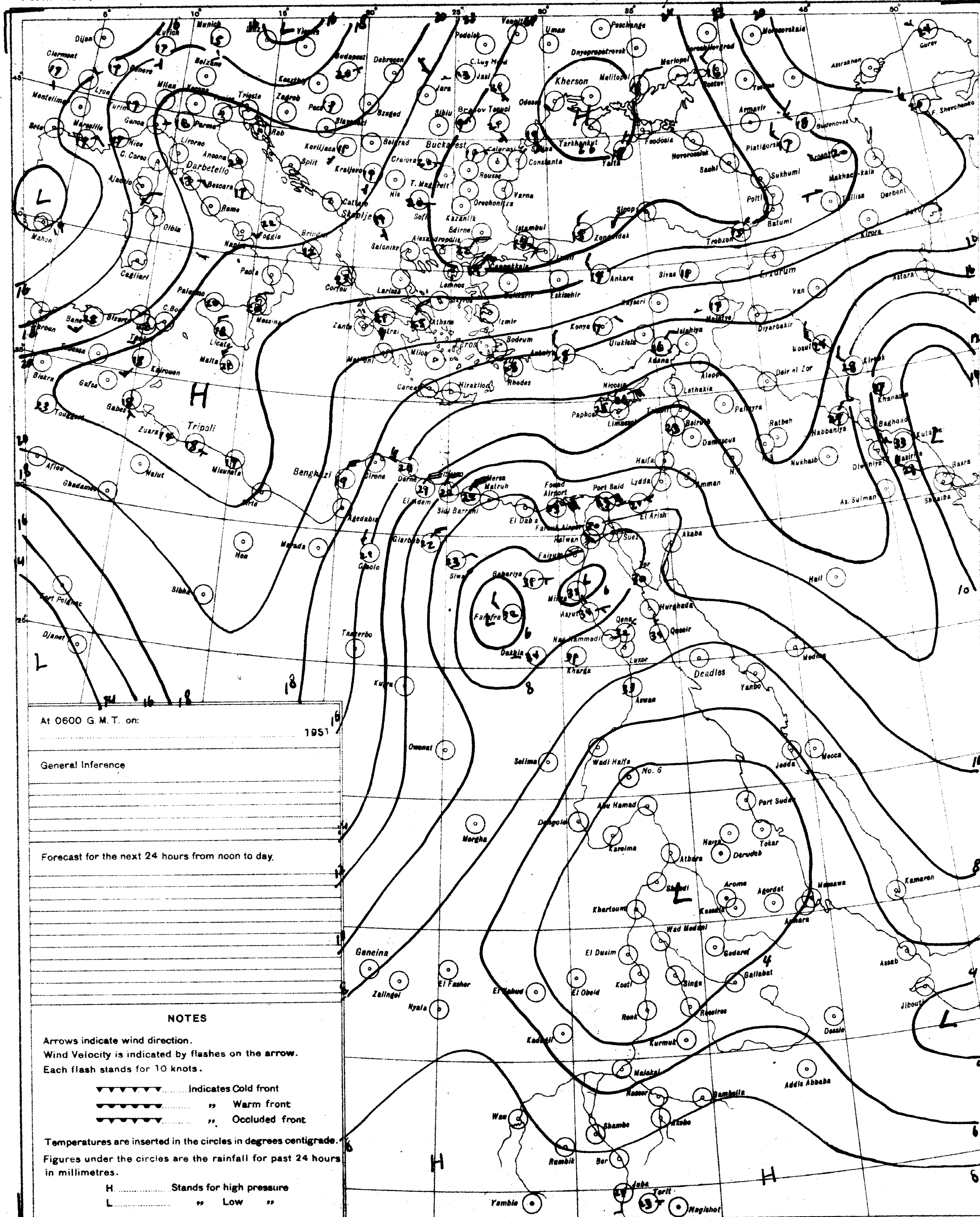
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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** 1/6 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 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 2nd June 1951 2

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	20	9		00	0	0	—	12.3	25	47	13
	303	SÎDI BARÂNI	50	13	30	00	0	0	—	11.7	24	57	15
	306	MATRŪH	10	12	30	01	1	1	AC	10.7	23	65	16
	309	EL DABʿA	20	7	35	03	2	7	SC		25	61	17
		ALEXANDRIA											
	318	FOUAD (Airport)	80	18	12	02	5	7	SC	7.8	29	46	16
	330	DAMIETTA	20	5	7	03	5	8	SC				19
	333	PORT SAʿÎD	70	24	18	01	6	4	AC	7.7	25	74	20
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR											
	342	MANṢURA	40	5	15	03	2	8	AS	9.9	33	30	13
	348	TANTA	90	5	7	03	2	8	AS	9.3	33		
	354	ZAGAZIG	40	2	50	02	2	8	Cu	9.9	32	43	18
	440	ISMAʿÎLIA											
Cairo Area	366	FAROUK (Airport)	70	13	12	03	2	6	SC	9.7	36	20	10
	372	ALMÂZA	40	16	12	03	2	5	AC	9.1	36	29	15
		EZBEKÎYA	40	4	14	03	1	8	Cu, SC	8.3	36	25	13
		GÎZA	40	4	14	03	1	8	Cu, SC	10.0	36	29	15
	378	HELWÂN											
Upper Egypt	381	FAIYŪM	00	0	35	01	1	3	Ci	7.4	39	14	7
	387	MINYA	220	9	10	00	0	0	—	4.9	44	12	8
	393	ASYŪṬ MANQABĀD	220	6	30	00	0	0	—	5.9	45	3	-10
	399	NAGʿ HAMMĀDI	00	0	15	00	0	0	—		43	18	14
	402	QENA	270	1	50	00	0	0	—	6.2	45	10	7
	405	LUXOR											
	414	ASWÂN	360	6	50	00	0	0	—	4.8	44	7	0
Oases	417	SÎWA	290	6	14	00	0	0	—	9.0	34	20	8
	420	BAHARÎYA	270	3	15	03	2	7	AC	6.2	39	34	20
	423	FARAFRA	290	4	15	02	4	1	AC	8.0	41	26	18
	432	DAKHLA	320	11	15	00	0	0	—	6.4	43	29	21
	435	KHARGA	00	0	35	00	0	0	—	7.0	44	12	8
Red Sea	450	SUEZ	360	11	50	02	0	6	Cu	7.0	38	29	17
	459	TÛR	220	2	50	02	0	0	—	7.0			
	462	HURGHADA	00	0	30	00	0	0	—	6.7	33	53	22
	465	QUSEIR	40	5	15	02	0	0	—	8.3	37		
	641	PORT SŪDĀN	50	9	30	02	0	0	—	6.3	37	27	15
North Sudan	600	WÂDI HALFA	90	9	50	02	0	0	—	4.1	44	6	-2
	640	ABU ḤAMAD	00	0	30	02	0	0	—		45	6	-1
	660	KAREIMA	70	6	30	02	0	0	—	2.4	45	5	-3
	680	ʿAṬBARA	350	2	30	03	0	0	—	1.1	45	4	-8
	721	KHARTŪM	70	9	30	02	0	0	—	2.1	43	13	9
	730	KASSALA	70	2	30	02	0	0	—	1.3	41	17	11
Central Sudan	751	WÂD MEDANI											
	801	RENK	130	13	35	01	2	4	Cu		38	33	19
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	200	11	30	03	1	5	Cu	6.8	34	41	19
	880	WÂU											
	941	JUBA											

At 1800 on Sunday 1st

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	340	9	15	00	0	0	—	13.6	22	65	15	0
SÎDI BARÂNI	360	10	15	02	0	1	CS	12.5	20	78	16	0
MATRŪH	320	9	18	03	0	2	CS	11.0	20	83	17	0
EL DABʿA	360	3	7	00	0	0	—		21	83	18	0
ALEXANDRIA	40	11	35	01	5	3	AC	7.5	23	74	18	dr.
FOUAD (Airport)	60	14	12	01	5	5	AC	7.2	23	78	19	dr.
DAMIETTA	110	9		02	2	7	SC	8.3	25	61	17	dr.
PORT SAʿÎD	80	10	14	02	3	6	AC	8.0	25	70	19	dr.
EL ʿARISH												
DAMANHUR	40	9	15	02	1	2	Cu	9.3	23	61	15	0.2
MANṢURA	40	5		00	1	0	—	8.2	27	52	16	0
TANTA	00	0	15	03	2	8	AS	9.3	24	50	13	0
ZAGAZIG	40	1	35	02	2	0	—	7.6	29	46	16	0
ISMAʿÎLIA												
FAROUK (Airport)	110	21	8	05	2	6	AC	7.7	33	16	4	0
ALMÂZA	110	19	12	01	2	4	AC	7.4	34	22	9	0
EZBEKÎYA	120	5	12	01	2	2	Cu	7.2	33	19	6	0
GÎZA	120	5	12	01	2	2	Cu	8.1	34	18	6	0
HELWÂN												
FAIYŪM	00	0	35	02	1	3	Ci	6.1	35	19	8	0
MINYA	00	0	8	02	1	2	AC	5.3	32	31	13	0
ASYŪṬ MANQABĀD	00	0	12	00	0	0	—	6.8	36	13	3	0
NAGʿ HAMMĀDI	00	0	15	00	0	0	—	6.8	31	28	10	0
QENA	00	0	7	00	0	0	—	6.2	36	20	10	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	5.9	39	11	3	0
SÎWA	360	14	6	07	0	0	—	10.4	29	35	12	0
BAHARÎYA	00	0	15	02	2	6	AC	7.6	32	38	16	0
FARAFRA	270	1	7	02	2	3	Cu	9.5	32	34	14	0
DAKHLA	140	11	50	00	0	0	—	7.4	36	37	19	0
KHARGA	00	0	15	00	0	0	—	7.1	36	13	4	0
SUEZ	00	0	15	01	0	0	—	9.0	31	38	15	0
TÛR	220	5	35	02	0	0	—	5.9	29	66	22	0
HURGHADA												
QUSEIR	360	2	15	02	0	0	—	7.6	31	28	10	0
PORT SŪDĀN												
WÂDI HALFA												
ABU ḤAMAD												
KAREIMA												
ʿAṬBARA												
KHARTŪM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 2nd June 1952

Station	Wind 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	0	—	14.7	+1.7	24	26	-2	19	+1	54	14	0	Rain	
SÎDI BARÂNI	300	10	18	00	0	0	—	14.1		22	25		18		69	16	0	115	
MATRŪH	330	12	18	02	0	0	—	13.0	-0.6	22	25		19		74	17	0	135	
EL DABʿA	340	13	15	00	0	0	—			21			18		78	17	0	214	
ALEXANDRIA	240	16	35	04	1	4	Ci	9.4	-4.2	21	31	+3	19	-1	88	19	dr.	166	186
FOUAD (Airport)	270	11	12	01	8	1	AC	8.9	-3.7	23	31	+3	20	+1	74	18	dr.	Rain	138
DAMIETTA	360	5	7	01	1	4	Cu, AC	9.0	-3.4	27			23	+4	55	17	dr.	171	106
PORT SAʿÎD											27	0							
EL ʿARISH	60	12	14	03	2	6	AC			29			21		40	14	0	101	
DAMANHUR	310	9	7	02	1	2	Cu	9.0	-4.1	23	33	+2	18	+1	65	16	0.2	87	101
MANṢURA	320	5	35	03	2	6	AC	8.2	-4.5	25	34	+1	19	+1	61	17	0	62	55
TANTA	270	2	35	03	6	8	AS	9.1	-4.0	26	34	0	21	+4	62	18	dr.	65	44
ZAGAZIG	220	1	35	02	1	4	Cu	9.4	-3.4	27	33	0	21	+4	70	21	0	30	27
ISMAʿÎLIA																			
FAROUK (Airport)	290	11	12	05	2	5	SC	10.1		29	38		23		52	16	0	63	
ALMÂZA	290	10	12	01	2	6	AC	9.5	-2.9	26	37	+3	24	+5	70	20	0	71	
EZBEKÎYA	330	8	12	02	2	5	SC, Cu	9.3	-3.3	27	37	+3	24	+5	48	15	0	61	26
GÎZA	330	8	12	02	2	5	SC, Cu	9.6	-3.0	26	37	+3	24	+8	55	16	dr.	58	26
HELWÂN																			29
FAIYŪM	360	4	35	02	2	4	AC	9.5	-2.9	29	41	+6	25	+6	46	16	0	23	8
MINYA	330	9	8	01	2	3	AC	10.5	-1.7	30	45	+9	25	+7	35	13	0	5	
ASYŪṬ MANQABĀD	290	8	6	06	0	0	—	10.5	-0.9	30	46	+9	27	+6	18	3	0	3	
NAGʿ HAMMĀDI	00	0	15	01	0	2	CS	10.0	+0.1	30	44	+7	23	+3	40	15	0	0.1	
QENA	270	1	35	00	0	0	—	8.6	-1.2	33	46	+6	24	+2	21	8	0	2	
LUXOR																			
ASWÂN	340	3	50	00	0	0	—	7.6	-2.2	33	45	+4	25	0	16	4	0	dr.	
SÎWA	340	11	14	00	0	0	—	15.1	+1.2	22	36	0	19	+1	53	12	0	26	8
BAHARÎYA	320	3	35	02	0	0	—	12.2	-0.8	25	41	+5	21	+3	28	5	0	1	7
FARAFRA	320	3	15	02	0	0	—	13.0		24	41		22		54	14	0	Rain	
DAKHLA	340	15	15	06	0	3	Ci	12.0	+0.5	30	44	+5	26	+5	35	13	0	dr.	
KHARGA	00	0		00	0	0	—	10.8	+0.5	33	45	+6	27	+4	16	4	0	dr.	
SUEZ	00	0	35	00	0	4	Cu	8.8	-3.0	33	41	+7	24	+4	34	15	0	44	17
TÛR	270	5	15	01	0	0	—	7.6	-2.0	28			22	0	70	22	0	1	13
HURGHADA																			
QUSEIR	330	5	15	02	0	0	—	7.5	-2.0	34	37	+5	26	+1	18	6	0	dr.	4
PORT SŪDĀN	340	3	30	01	2	1	AC	9.3		35	40		24		30	15	0	211	17
WÂDI HALFA	330	6	30	02	0	0	—	9.8		32	46		24		11	2	0	dr.	
ABU ḤAMAD	90	2	30	02	0	0	—			35	45		26				0		
KAREIMA	00	0	30	02	0	0	—	5.5		32	46		26		22	8	0	dr.	2
ʿAṬBARA	00	0	30	02	0	0	—	5.5		33	46		26		12	0	0	dr.	7
KHARTŪM																			8
KASSALA	110	8	30	01	1	3	Ci	7.3		33	43		25		41	18	0	49	24
WÂD MEDANI																			25
RENK																			91
ROSEIRES																			117
EL OBEID																			37
EL FÂSHER																			16
GENEINA	180	3	30	03	0	8	CS			27	40		23		48	15	0		30
MALAKÂL	180	9		01	1	2	AC	11.1		29	35		13		55	19	0	189	203
WÂU	00	0	30	02	2	7	CC	11.1		24	32		22		79	20	0	Rain	378
JUBA																			469

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	67	-5
Ezbekiya	32	-20
Giza	17	-33
Helwân		

GÎZA GRASS MINIMUM TEMP ON 2nd 23.3 °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					

..... AIRPORT On ..... At .....

Pressure 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.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		20	
300	40	17	170	9	180	2	310	13	270	20	150	9	50	27	350	10
600	80	18	190	7	00	0	310	16	270	23	180	11	60	30	350	9
1000	70	10	160	15	170	4	320	16	270	46	210	12	50	32	330	10
1500	240	5	180	16	230	5	290	10	270	54			50	27	340	9
2000	190	10			230	8	290	21					360	21		
3000					220	9										
4000																
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 Saʿîd Dir.	Port Saʿîd Vel.	El ʿArîsh Dir.	El ʿArîsh 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.	Abu Hamad Dir.	Abu Hamad Vel.
Time	8		4		2		2						2		8				8				4	
300	350	24	340	21	280	16	90	28					330	4	320	14			10	8			250	12
600	10	20	10	31	270	20	80	43					350	6	310	15			20	6			210	17
1000	10	19	10	37	280	17	90	35					340	7	280	8			30	3			230	8
1500	20	23	360	28			140	7					30	33									200	21
2000	10	32																						
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		8																	
300	350	25	320	38	330	10	350	8																
600	350	24	320	39	330	10	350	13																
1000	10	30	330	35	320	17	350	17																
1500	20	30																						
2000	360	26																						
3000	350	36																						
4000	350	22																						
5000																								
6000																								
7000																								
8000																								

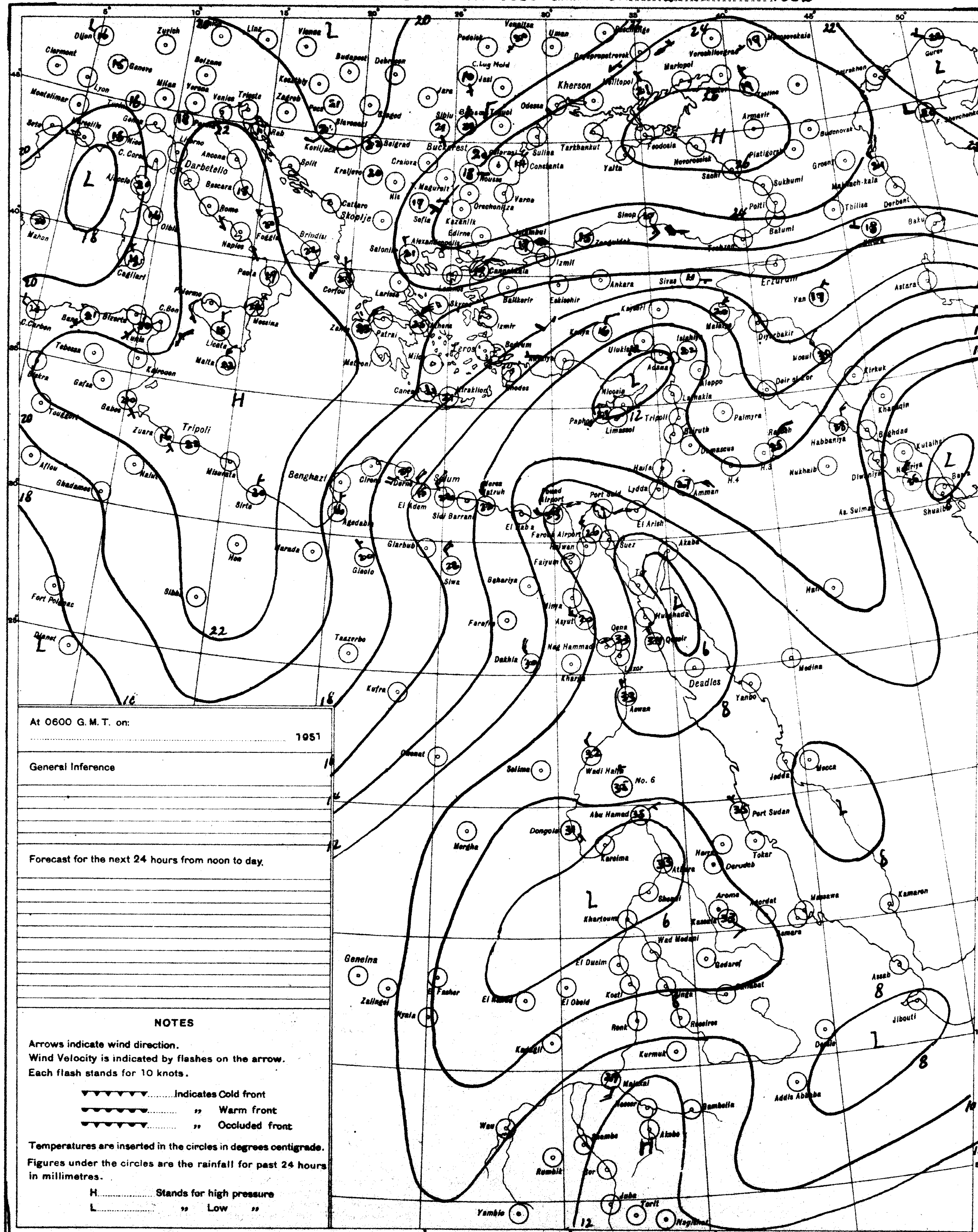
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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** 2. 6. 1952



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)

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

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: Tuesday 3rd June, 1951 2

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	SALUM	360	9	35	00	0	0	—	15.5	28	33	10
	303	SIDI BARANI	310	17	18	00	0	0	—	15.6	24	65	17
	306	MATRUH	300	20	18	02	0	0	—	14.4	24	65	17
	309	EL DABA	330	20	35	00	0	0	—		24	69	18
		ALEXANDRIA	270	10	50	00	0	0	—	9.9	24	74	19
	318	FOUAD (Airport)	300	14	14	02	0	0	—	9.3	26	66	19
	330	DAMIETTA	20	5	35	01	0	1	AC	9.4	30	46	17
	333	PORT SA'ID											
	336	EL 'ARISH	360	8	30	02	1	4	Cu Sc	6.1	29	59	20
Lower Egypt	339	DAMANHUR	310	5	15	02	0	0	—	9.0	34	41	19
	342	MANSURA	340	3	35	00	1	0	—	8.6	35	32	16
	348	TANTA	270	5	35	02	1	0	—	8.6	34	32	15
	354	ZAGAZIG	00	0	50	02	1	0	—	9.0	34	47	21
	440	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	310	14	12	00	0	0	—	8.7	34	27	12
	372	ALMAZA	290	12	15	00	0	0	—	9.0	34	27	12
		EZBEKIYA	270	5	14	00	1	0	—	8.7	36	19	9
		GIZA	270	5	14	00	1	0	—	9.0	36	25	13
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	4	35	01	1	0	—	10.2	36	20	10
	387	MINYA	300	11	10	00	1	0	—	9.5	37	18	9
	393	ASYUT MANQABAD	330	14	8	06	0	0	—	8.6	38	13	5
	399	NAG' HAMMADI	320	2	35	00	0	5		8.8	38	25	15
	402	QENA	270	1	50	00	0	0	—	6.6	45	13	10
	405	LUXOR											
	414	ASWAN	00	0	50	00	0	0	—	4.0	46	6	0
Oases	417	SIWA	350	12	14	00	0	0	—	15.0	34	10	2
	420	BAHARIYA	270	4	35	02	0	0	—	11.0	33	38	17
	423	FARAFRA	340	9	7	02	0	0	—	12.3	34	27	12
	432	DAKHLA	360	11	35	00	0	0	—	11.4	36	13	4
	435	KHARGA	360	8	7	07	0	0	—	8.8	40	12	6
Red Sea	450	SUEZ	360	8	50	01	0	0	—	7.5	39	14	7
	459	TOR	270	5	15	05	0	0	—	7.6	34	50	22
	462	HURGHADA											
	465	QUSEIR	90	5	15	02	0	0	—	7.6	30	79	26
	641	PORT SUDAN	70	11	30	01	1	0	—	6.4	35	26	25
North Sudan	600	WADI HALFA	360	6	30	02	0	0	—	4.3	45	7	2
	640	ABU HAMAD	50	3	30	02	0	0	—		46	7	2
	660	KAREIMA	290	10	30	03	0	2	AC	1.4	46	8	3
	680	'ATBARA	20	2	30	03	1	4	Cu	1.1	45	10	6
	721	KHARTUM	130	5	30	03	0	3	Cu	1.6	43	15	11
	730	KASSALA	250	5	30	02	0	1	Cu	2.5	41	40	25
Central Sudan	751	WAD MEDANI											
	801	RENK	340	14	35	01	2	5	Cu		35	39	19
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	270	1	30	03	1	5	Cu, Ci		41	16	10
	770	GENEINA											
S. Sudan	840	MALAKAL											
	880	WAU	230	6	30	02	2	7	Cu, CS	8.1	32	49	20
	941	JUBA											

At 1800 on Monday 2nd

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	13	15	00	0	0	—	17.0	22	57	13	0
303	SIDI BARANI	300	8	18	00	0	0	—	16.8	20	78	16	0
306	MATRUH												
309	EL DABA	320	25	7	00	0	0	—		21	83	18	0
	ALEXANDRIA	360	11	35	00	0	0		12.2	22			0
318	FOUAD (Airport)	320	7	12	05	1	3	SC	12.1	21	94	20	0
330	DAMIETTA	320	2		02	0	0	—	10.2	24	69	18	0
333	PORT SA'ID	30	13	15	02	0	0	—	8.5	25	74	20	0
336	EL 'ARISH												
339	DAMANHUR	40	9	15	02	0	0	—	12.0	24	61	16	0
342	MANSURA	20	5		00	0	0	—	11.1	26	55	16	0
348	TANTA	00	0	35	02	0	0	—	11.2	26	55	16	0
354	ZAGAZIG	320	1	35	02	0	0	—	10.0	28	62	20	0
440	ISMA'ILIA												
366	FAROUK (Airport)	320	14	12	00	0	0	—	11.2	28	42	14	0
372	ALMAZA	310	12	12	00	0	0	—	10.6	29	40	14	0
	EZBEKIYA	270	8	12	00	0	0	—	10.4	25	54	15	0
	GIZA	270	8	12	00	0	0	—	10.6	27	52	16	0
378	HELWAN												
381	FAIYUM	00	0	35	02	0	0	—	10.8	31	31	12	0
387	MINYA	320	7	8	00	0	0	—	9.8	30	29	10	0
393	ASYUT MANQABAD	310	5	10	00	0	0	—	10.9	30	25	8	0
399	NAG' HAMMADI	270	1	15	00	0	0	—	10.6	30	35	13	0
402	QENA	320	1	7	00	0	0	—	8.7	37	14	6	0
405	LUXOR												
414	ASWAN	360	6	15	00	0	0	—	6.7	40	10	2	0
417	SIWA	20	9	10	00	0	0	—	15.5	30	22	6	0
420	BAHARIYA	360	4	15	02	0	0	—	14.0	28	45	15	0
423	FARAFRA	340	3	7	02	0	0	—	13.9	29	29	9	0
432	DAKHLA	320	11	35	00	0	0	—	12.4	31	22	7	0
435	KHARGA	360	4	7	00	0	0	—	11.0	33	12	0	0
450	SUEZ	360	2	15	02	0	0	—	9.6	31	31	12	0
459	TOR	40	9	7	05	1	0	—	8.7	31	52	20	0
462	HURGHADA												
465	QUSEIR	360	5	15	02	0	0	—	8.6	30	84	27	0
641	PORT SUDAN												
600	WADI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTUM												
730	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 Tuesday 3rd June, 1952

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.	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.
62300	SALUM	270	2	15	00	0	0	—	17.0	+4.0	24	30	+2	17	-1	54	14	0	Rain	
303	SIDI BARANI	260	11	18	00	0	0	—	16.6		21	24		17		78	17	0	115	
306	MATRUH	290	12	30	02	0	0	—	16.9	+3.3	21			16		78	17	0	135	
309	EL DABA	320	15	15	00	0	0	—			22	25		19		74	17	0	214	
	ALEXANDRIA	360	11	50	00	0	0	—	15.2	+1.7	22	26	-2	20	0	83	19	0	166	186
318	FOUAD (Airport)	320	10	18	02	0	0	—	14.6	+2.0	23	26	-2	20	+1	78	19	0	Rain	138
330	DAMIETTA	340	5	15	00	0	0	—	14.3	+2.0	24	30	+2	21	+2	69	18	0	171	106
333	PORT SA'ID	350	11	12	02	0	0	—	13.3	+0.7	24	31	+4	23	+1	61	16	dr.	92	
336	EL 'ARISH																			
339	DAMANHUR	40	5	15	02	0	0	—	14.0	+0.9	25	34	+2	19	+2	54	15	0	87	101
342	MANSURA	40	5	35	00	0	0	—	13.8	+1.2	27	36	+3	20	+2	52	16	0	62	55
348	TANTA	360	8	35	02	0	0	—	13.8	+0.7	26	35	+1	18	+1	55	16	0	65	44
354	ZAGAZIG	00	0	35	02	0	0	—	14.2	+1.4	27	36	+2	18	+1	62	19	0	30	27
440	ISMA'ILIA																			
366	FAROUK (Airport)	20	9	18	00	0	0	—	14.4		23	36		19		65	16	0	83	
372	ALMAZA	40	4	12	00	0	0	—	14.2	+1.8	22	36	+2	20	+1	83	19	0	71	
	EZBEKIYA	330	4	10	00	0	0	—	14.3	+1.7	25	36	+2	20	+1	42	11	0	61	26
	GIZA	330	4	10	00	0	0	—	14.6	+2.1	24	36	+2	19	+3	69	18	0	58	26
378	HELWAN																			29
381	FAIYUM	360	6	35	03	0	1	Cu, SC	14.3	+2.0	25	36	+1	20	+1	61	17	0	23	8
387	MINYA											38	+2							
393	ASYUT MANQABAD	340	8	10	10	0	0	—	13.7	+2.3	23	38	+1	20	-1	65	16	0	3	
399	NAG' HAMMADI											38	+1							
402	QENA	220	1	35	00	0	0	—	11.5	+1.8	28	45	+5	24	+2	45	15	0	2	
405	LUXOR																			
414	ASWAN	360	12	15	09	3	0	—	9.9	+0.2	31	47	+6	28	+3	28	10	0	dr.	
417	SIWA	270	9	14	00	0	0	—	18.4	+4.5	20	35	-1	17	-1	64	13	0	26	8
420	BAHARIYA	360	3	35	02	0	0	—	15.8	+2.8	24	34	-2	19	+1	32	6	0	1	7
423	FARAFRA	360	3	35	02	0	0	—	16.2		25	35		18		47	13	0	Rain	
432	DAKHLA	340	11	50	00	0	0	—	15.6	+4.1	27	36	-3	22	+1	37	11	0	dr.	
435	KHARGA	360	6		00	0	0	—	13.5	+3.2	25	40	+1	24	+1	34	8	0	dr.	
450	SUEZ	360	8	35	00	0	1	Cu	12.4	+0.6	26	40	+6	20	0	55	16	0	44	17
459	TOR	310	9	15	05	1	1	AC, Cc	9.9	+0.4	27			26	+4	62	19	0	1	13
462	HURGHADA																			
465	QUSEIR	360	9	15	02	0	0	—	8.8	-0.6	29	36	+4	26	+1	52	18	0	dr.	4
641	PORT SUDAN	00	0	30	02	0	0	—	7.7		33	37		27		38	17	0	211	97
600	WADI HALFA	360	19	10	05	1	3	AC	9.3		31	47		27		19	5	0	dr.	
640	ABU HAMAD	230	2	30	01	2	1	AC			36	47		32		20	10	0		
660	KAREIMA	60	7	7	05	0	0	—	6.6		35	46		30		23	11	0	dr.	2
680	'ATBARA	230	16	10	07	2	6	CS	6.5		33	45		31		36	16	0	dr.	7
721	KHARTUM	190	21	7	07	2	7	CS	8.6		32	47		29		43	18	0	0.6	8
730	KASSALA	160	8	30	02	0	0	—	8.9		30			26		46	17	0	49	25
751	WAD MEDANI																			26
801	RENK																			94
802	ROSEIRES																			121
771	EL OBEID	210	7	30	02	2	7	AC	9.0		30	41		25		35	13	0	15	38
760	EL FASHER	170	6	30	01	2	8	CS			28	42		26		45	15	0	13	16
770	GENEINA																			31
840	MALAKAL	00	0	30	03	1	8	Ac, CS	12.7		26	34		23		70	20	0	189	207
880	WAU																			383
941	JUBA	310	4	30	03	1	8	Cb, Ac	13.9		23	27		20		50	12	0.2	428	474

HUMIDITY % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	90	+18
Ezbekiya	50	-2
Giza	50	-1
Helwan		

GIZA GRASS MINIMUM TEMP. ON 3rd 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					

AIRPORT On ..... At ..... Pressure 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

Height m.	Matruh Dir.	Vel.	Port Said Dir.	Vel.	Fouad A.P. Dir.	Vel.	Almaza Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Suwa Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	S. Barani Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Port Said Dir.	Vel.
Time	14		14		14		14	45	14		14		14		14		14		14						20	
300	340	19	40	14	310	16	280	9	290	22	320	15	340	13	350	43	360	18	340	18					360	9
600	360	23	230	5	300	16	280	12	300	25	310	24	350	16	340	43	360	25	340	21					300	10
1000	360	21	310	7	270	6	290	16	300	30	300	23	340	20			360	26	340	28					300	12
1500	340	23	290	24	270	10	300	15	320	18	290	23	340	29					360	21					300	12
2000											270	32	330	16					360	23						
3000													340	19												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		8				2						2		8								9	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	320	17	290	14			350	14					330	15	330	14							340	7
600	330	12	270	18			360	19					340	13	340	10							340	7
1000	320	11	290	7			40	22					320	18	340	12							330	10
1500	330	12	300	7			20	12					330	17									40	15
2000	290	10	230	10																			10	6
3000			280	11																			260	10
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		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	300	6	30	24	330	30	360	19	10	19														
600	290	4	20	27	340	27	360	24	10	11													80	15
1000	340	5	20	14	350	33	360	25	30	27									150	19			160	20
1500	330	3			350	27	360	21	20	21									160	13			160	15
2000	320	10																	290	11			100	8
3000	300	14							30	15									10	15			50	15
4000	310	15																						
5000	300	20																					20	26
6000																								
7000																								
8000																								

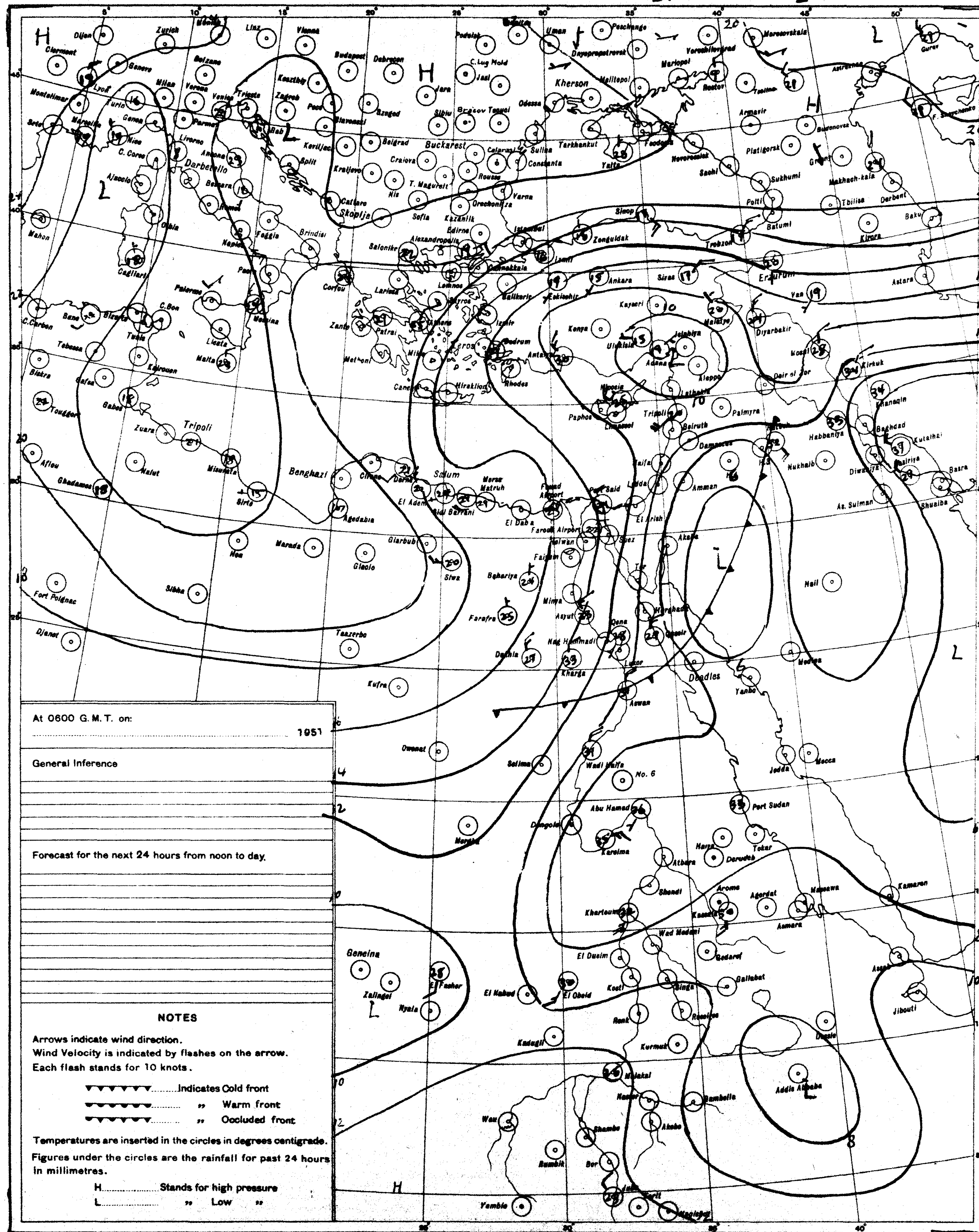
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 3/6 1952



SCALE 1:15,000,000

S of E 1949(43/557) (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

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

CAIRO
Time of Sunrise 02 54 G.M.T.
" " Sunset 16 53 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 4th June 1952

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	320	13	35	00	0	0	—	15.6	30	11	-4
	303	SÎDI BARÂNI	300	16	18	00	0	0	—	16.1	23	69	17
	306	MATRÛH	300	16	30	02	0	0	—	15.9	25	51	14
	309	EL DABÂ	340	15	35	00	0	0	—		24	44	11
		ALEXANDRIA	360	16	50	00	0	0	—	15.1	23	65	16
	318	FOUAD (Airport)	320	16	18	02	0	0	—	14.8	25	61	17
	330	DAMIETTA	290	5	35	02	0	0	—	14.4	27	52	16
	333	PORT SA'ÎD	350	12	30	02	0	0	—	13.4	26	55	16
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	14.4	28	45	15
	342	MANSURA	320	5	35	00	0	0	—	13.3	32	28	11
	348	TANTA	310	2	35	02	0	0	—	13.1	31	31	12
	354	ZAGAZIG	320	1	50	02	0	0	—	12.3	33	38	17
	441	ISMA'ÎLIA											
Cairo Area	366	FAROUK (Airport)	340	10	30	02	0	2	Cu	12.3	32	28	11
	372	ALMÂZA	360	11	30	03	1	3	Cu	12.4	32	31	13
		EZBEKÎYA	70	5	30	00	0	1	Cu	12.3	32	31	13
		GÎZA	70	5	30	00	0	1	Cu	12.5	33	24	10
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	01	0	0	—	12.2	33	24	10
	387	MINYA	350	10	12	00	0	0	—	11.5	33	34	15
	393	ASYÛT MANQABÂD	310	13	10	00	0	0	—	11.5	33	23	9
	399	NAG' HAMMÂDI	220	3	35	00	0	0	—	11.0	33	34	15
	402	QENA	270	1	50	00	0	0	—	9.0	39	17	10
	405	LUXOR											
	414	ASWÂN	340	12	15	09	3	0	—	7.9	39	14	7
Oases	417	SÎWA	290	12	14	00	0	0	—	17.1	31	16	2
	420	BAHARÎYA	360	3	35	02	0	0	—	13.6	33	30	13
	423	FARAFRA	320	11	35	02	0	0	—	14.8	34	27	12
	432	DAKHLA	340	19	7	00	0	0	—	12.2	34	22	9
	435	KHARGA	360	9	7	00	0	0	—	10.0	36	17	7
Red Sea	450	SUEZ	360	9	50	02	0	1	Cu	11.2	32	28	11
	459	TÛR	310	13	15	05	1	1	Cc	9.6	30	52	19
	462	HURGHADA											
	465	QUSEIR	20	9	15	02	0	0	—	7.4	31	59	22
	641	PORT SUDÂN	90	6	30	02	0	0	—	5.6	40	32	20
North Sudan	600	WÂDI HALFA	210	20	10	05	0	0	—	6.5	41	7	-2
	640	ABU HAMAD	50	1	30	03	0	1	Cu		44	13	10
	660	KAREIMA											
	680	'ATBARA	290	2	30	02	2	7	Cs	2.8	43	13	9
	721	KHARTÛM											
	730	KASSALA	310	3	30	03	1	4	Cu, Ci	3.4	41	19	13
Central Sudan	751	WÂD MEDANI	230	9	35	02	2	8	Ci	4.1	39	20	12
	801	RENK	230	9	35	02	2	8	Ac		35	35	17
	802	ROSEIRES	130	2	15	02	2	8	Sc	8.5	33	41	18
	771	EL OBEID	250	17	30	02	2	5	Cu, Cs	5.6	37	27	15
	760	EL FASHER	70	7	30	02	2	8	Cu, Cs		39	16	9
	770	GENEINA	270	7	30	02	2	8	Cu, Cs		35	22	10
S. Sudan	840	MALAKÂL	200	8	30	03	2	8	Cu, Ac	8.2	35	25	12
	880	WÂU	300	4	30	02	0	8	Cu, Cs	10.1	31	55	21
	941	JUBA											

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	320	13	15	00	0	0	—	16.0	21	65	14	0
SÎDI BARÂNI	300	12	15	00	0	0	—	15.7	20	78	16	0
MATRÛH	290	10	15	02	0	0	—	15.9	20	83	17	0
EL DABÂ	320	13	7	00	0	0	—		21	83	18	0
ALEXANDRIA	310	11	35	00	0	0	—	15.2	21	83	18	0
FOUAD (Airport)	300	8	12	02	0	0	—	14.6	21	78	17	0
DAMIETTA	320	2	7	02	0	0	—	14.8	22	83	19	0
PORT SA'ÎD	330	14	12	02	0	0	—	13.9	23	78	19	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	15.0	23	61	15	0
MANSURA	340	5		00	0	0	—	14.2	24	54	14	0
TANTA	00	0	35	02	0	0	—	15.0	21	57	12	0
ZAGAZIG	00	0	35	02	0	0	—	13.8	25	61	17	0
ISMA'ÎLIA												
FAROUK (Airport)	340	10	12	00	0	0	—	14.4	27	45	14	0
ALMÂZA	40	18	12	00	0	0	—	14.4	28	45	15	0
EZBEKÎYA	00	0	12	00	0	0	—	14.1	26	48	14	0
GÎZA	00	0	12	00	0	0	—	14.2	26	48	14	0
HELWÂN												
FAIYÛM	360	6	35	02	0	0	—	13.6	30	31	11	0
MINYA	360	4	8	00	0	0	—	11.8	25	47	13	0
ASYÛT MANQABÂD	340	10	12	00	0	0	—	11.6	30	25	8	0
NAG' HAMMÂDI	220	10	15	00	0	0	—	10.8	30	35	13	0
QENA	270	1	7	00	0	0	—	10.7	34	18	6	0
LUXOR												
ASWÂN	360	2	15	00	0	0	—	10.7	35	12	2	0
SÎWA	320	4	10	00	0	0	—	15.2	30	19	4	0
BAHARÎYA	320	2	15	02	0	0	—	14.4	27	37	11	0
FARAFRA	320	3	15	02	0	0	—	14.3	27	27	6	0
DAKHLA	360	11	50	00	0	0	—	13.4	30	31	11	0
KHARGA	360	4	15	00	0	0	—	13.6	31	22	7	0
SUEZ	360	5	15	01	0	0	—	12.6	27	37	11	0
TÛR	310	13	15	05	0	0	—	8.6	30	40	15	0
HURGHADA												
QUSEIR	360	5	15	02	0	0	—	7.6	30	35	13	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 4th June 1952

Station	Wind 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	00	0	0	—	16.0	+3.0	21	31	+2	17	-1	74	16	0	Rain	
SÎDI BARÂNI	280	12	18	03	0	1	Sc	15.8		21			17		57	12	0	115	
MATRÛH	280	14	30	02	0	0	—	15.7	+2.1	22	25		16		65	15	0	135	
EL DABÂ	320	7	15	00	0	0	—			21	25		15		83	18	0	214	
ALEXANDRIA	270	11	50	03	0	3	Ac	15.4	+1.9	22	25	-3	19	-1	78	18	0	166	186
FOUAD (Airport)	260	8	14	01	1	1	Sc	14.8	+2.2	22	25	-3	18	-1	78	18	0	Rain	138
DAMIETTA	220	2	15	00	0	0	—	15.2	+2.9	24	27	-1	19	0	61	16	0	171	106
PORT SA'ÎD	260	10	10	05	0	1	Sc	14.2	+1.6	23	26	-1	20	-2	74	18	0	92	
EL 'ARISH	240	3	30	02	0	1	Sc	14.0	+1.5	24			17		65	17	0	101	
DAMANHUR	40	5	15	02	0	0	—	15.8	+2.8	22	29	-3	18	+1	74	17	0	87	101
MANSURA	220	3	35	00	0	0	—	14.7	+2.1	23	33	0	17	-1	65	16	0	62	55
TANTA	00	0	35	02	0	0	—	14.8	+1.8	25	32	-2	15	-2	54	15	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	15.4	+2.7	23	35	+1	16	-1	74	18	0	30	27
ISMA'ÎLIA																			
FAROUK (Airport)	00	0	11	00	0	0	—	14.9		22	34		18		69	16	0	83	
ALMÂZA	00	0	12	00	0	0	—	15.2	+2.9	23	34	0	18	-1	74	18	0	71	
EZBEKÎYA	330	3	12	00	0	1	Cu	15.2	+2.7	24	33	-1	19	0	69	18	0	61	26
GÎZA	330	3	12	00	0	1	Cu	14.8	+2.3	21	33	-1	17	+1	83	18	0	58	26
HELWÂN																			29
FAIYÛM	360	4	35	02	0	0	—	15.1	+2.8	25	35	0	18	-1	47	13	0	23	8
MINYA	360	9	10	00	0	0	—	14.2	+2.0	24	34	-2	15	-3	57	15	0	5	
ASYÛT MANQABÂD	330	5	12	00	0	0	—	14.0	+2.7	27	35	-2			37	11	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	13.1	+3.3	27	33	-4	19	-1	52	16	0	04	
QENA	220	1	35	00	0	0	—	11.6	+1.9	28	39	-1	22	0	40	13	0	2	
LUXOR																			
ASWÂN	360	8	50	00	0	0	—	11.1	+1.5	29	40	-1	24	-1	29	9	0	dr.	
SÎWA	300	6	14	00	0	0	—	17.9	+4.1	21	34	-3	16	-2	53	11	0	26	8
BAHARÎYA	360	2	35	02	0	0	—	15.6	+2.6	24	34	-2	18	0	54	14	0	1	7
FARAFRA	360	2	35	02	0	0	—	15.6		26	35		18		42	12	0	Rain	
DAKHLA	340	5	50	00	0	0	—	15.4	+3.9	27	35	-4	20	-2	37	11	0	dr.	
KHARGA	360	2	50	00	0	0	—	13.0	+2.8	27	36	-3	24	+1	33	9	0	dr.	
SUEZ	360	5	35	00	0	0	—	14.3	+2.6	24	33	-1	17	+3	61	16	0	44	17
TÛR	310	13	15	02	0	0	—	12.0	+2.5	27			24	+2	55	17	0	1	13
HURGHADA																			
QUSEIR	360	13	15	02	0	0	—	10.0	+0.7	28	31	-1	26	+1	62	20	0	dr.	4
PORT SUDÂN	320	3	30	02	0	0	—	7.9		29	41		26		59	20	0	211	97
WÂDI HALFA	360	13	30	01	1	1	Ac	11.1		29	43		25		23	6	0	dr	
ABU HAMAD	360	13	18	07	2	4	Ac			34	45		30		16	5	0		
KAREIMA	310	8	30	02	0	0	—	8.5		33	45		30		23	9	0	dr	2
'ATBARA	300	8	10	05	1	0	—	5.9		36	44		31		20	10	0	dr	7
KHARTÛM	230	15	15	05	2	6	Ac, Ci	7.3		35	41		29		27	13	dr	0.6	8
KASSALA	180	10	10	07	2	3	Ci	9.8		31	42		27		15	1	0	49	26
WÂD MEDANI																			27
RENK																			97
ROSEIRES																			125
EL OBEID	190	4	30	03	1	7	Ac, Cs	10.7		28	38		25		45	15	0	15	39
EL FÂSHER																			17
GENEINA	260	9	30	02	2	8	Cs			27	38		23		48	15	0		32
MALAKÂL			30	03	2		Ac				35		23			21	0.5	189	211
WÂU																			388
JUBA	190	4	50	01	6						32		21			22	1	429	479

HUMIDITY

Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	80	+8
Szbekiya	37	-15
Giza	54	+3
Helwan		

GÎZA GRASS MINIMUM TEMP. ON 4th 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 On	At	Pressure 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 3rd

Station	Matruh		Port Said		Minya		Asyut		Siwa		Dakhla		Kharga		S. Barrani								Port Said		Minya	
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	310	16	330	14	340	22	340	11	320	16	340	15	10	22	320	20							310	12	360	23
600	300	14	320	17	330	16	330	13	310	17	350	15	10	23	320	22							340	17	360	31
1000	310	14	310	13	340	16	330	16	310	14	360	11	360	26	320	23							320	9	360	27
1500	300	18	310	32	10	12	320	22	340	9	350	21	360	32	280	23							300	9		
2000			320	19					350	13					220	25										
3000			300	32					10	20					320	19										
4000			260	13																						
5000			240	4																						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	Sîdi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time	8		8		2		2						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	300	14	290	10	280	11	270	9					40	13	340	30			10	19			
600	300	11	280	8	290	17	310	17					20	15	350	19			330	15			
1000	280	12	290	10	340	27	290	17					360	16	340	33			320	8			
1500	340	12	310	9			250	21					330	14	350	33			260	3			
2000	320	5	360	16																			
3000	320	13	30	8																			
4000	340	10																					
5000	340	17																					
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakâl	
Time	8		8		8		8												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	320	7	330	39	350	3	360	9																
600	360	8	330	33	340	4	10	14															210	11
1000	360	14	330	34	10	11	10	17											250	5	110	6	300	17
1500	360	6	330	33	350	17	10	12											270	25	70	28	210	17
2000	350	16			350	8																		
3000	340	16																	20	3	90	22	50	11
4000	340	12																						
5000	350	11																						
6000	340	3																						
7000																								
8000																								

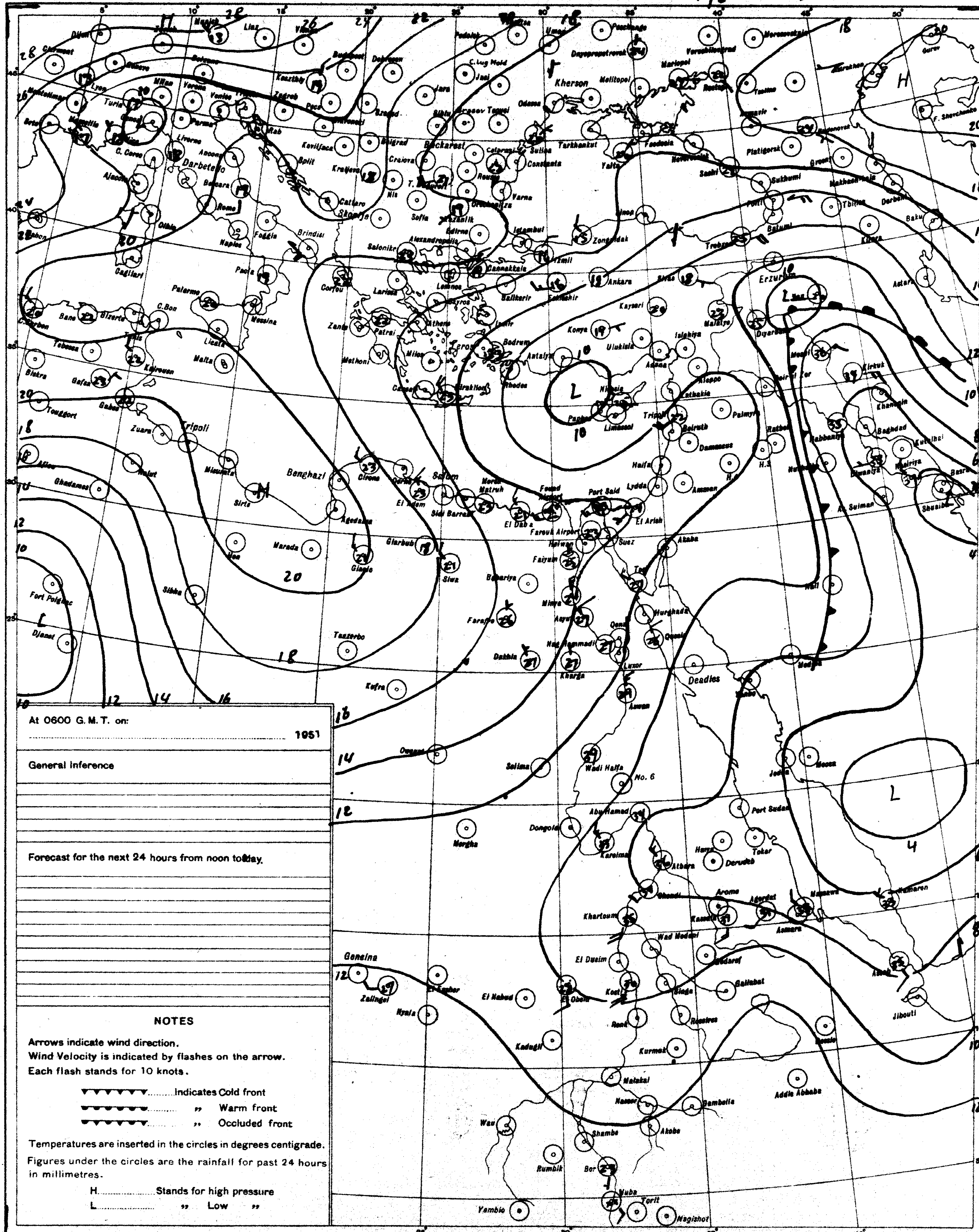
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(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 4/16 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon today.

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 ore 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 / 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........
Cirrostratus........
Cirrocumulus........
Altocumulus........
Altostratus........
Stratocumulus........
Nimbostratus........
Cumulus or Fractocumulus........
Cumulonimbus........
Stratus or Fractostratus........

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 54 G.M.T.
" " Sunset 16 53 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Thursday 5th June, 1951[2]

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	SALŪM	310	5	35	00	0	0	—	15.2	25	74	20
	303	SĪDI BARĀNI	320	16	18	00	0	0	—	15.0	23	84	20
	306	MATRŪH	310	10	30	02	0	0	—	15.7	24	69	18
	309	EL DABʻA	320	13	35	00	0	0	—		24	61	16
		ALEXANDRIA	310	11	50	00	0	0	—	15.2	23		
	318	FOUAD (Airport)	290	17	18	03	1	1	Sc	15.0	25	70	19
	330	DAMIETTA	340	5	35	02	0	0	—	14.6	27	52	16
	333	PORT SAʻĪD	340	17	30	02	0	0	—	14.0	26	45	13
	336	EL ʻARISH	310	6	30	00	0	0	—	13.1	27	55	17
Lower Egypt	339	DAMANHUR	310	9	15	02	0	0	—	14.3	30	40	15
	342	MANSURA	320	5	35	00	0	0	—	13.5	32	24	9
	348	TANTA	270	2	35	02	0	0	—	14.0	32	24	9
	354	ZAGAZIG	320	1	50	02	0	0	—	13.6	32	38	16
	441	ISMAʻILIA											
Cairo Area	366	FAROUK (Airport)	320	12	14	00	0	0	—	13.4	31	19	5
	372	ALMĀZA	360	12	30	00	0	0	—	13.4	31	31	12
		EZBEKĪYA	330	7	30	00	0	0	—	13.5	32	28	11
		GĪZA	330	7	30	00	0	0	—	13.4	31	22	7
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	360	6	35	02	0	0	—	13.6	32	10	-3
	387	MINYA	360	11	10	00	0	0	—	12.5	33	24	10
	393	ASYŪT MANQABĀD	320	10	30	00	0	0	—	12.5	34	9	-3
	399	NAGʻ HAMMĀDI	270	7	35	00	0	0	—	11.1	36	20	10
	402	QENA	270	1	50	00	0	0	—	9.6	40	12	6
	405	LUXOR											
	414	ASWĀN	360	6	50	00	0	0	—	7.9	39	14	7
Oases	417	SĪWA	300	9	14	00	0	0	—	17.0	31	19	5
	420	BAHARĪYA	320	3	35	02	0	0	—	14.0	33	30	13
	423	FARAFRA	320	3	35	02	0	0	—	14.8	34	22	9
	432	DAKHLA	360	5	50	00	0	0	—	13.5	33	30	13
	435	KHARGA	360	8	15	00	0	0	—	11.8	36	18	8
Red Sea	450	SUEZ	360	9	50	02	0	0	—	12.2	31	17	3
	459	TŌR											
	462	HURGHADA	360	15	30	02	0	0	—	10.0	29	46	16
	465	QUSEIR	20	13	15	02	0	0	—	10.3	31	49	19
	641	PORT SŪDĀN	70	10	30	02	0	0	—	3.6	37	45	23
North Sūdān	[illegible]	WĀDI HALFA	360	16	30	02	0	1	AC	6.7	41	10	3
	640	ABU HAMAD	360	3	30	03	1	3	Cu AC		45	10	6
	660	KAREIMA	10	10	30	03	1	3	AC	4.0	42	14	9
	[illegible]	ʻATBARA	360	2	10	05	0	0	—	3.6	43	12	7
	[illegible]	KHARTŪM	230	2	15	05	2	7	Ac, Cs	5.0	40	17	11
	730	KASSALA	250	5	30	03	1	2	Cu	4.3	40	24	16
Central Sūdān	[illegible]	WĀD MEDANI											
	[illegible]	RENK											
	[illegible]	ROSEIRES											
	771	EL OBEID											
	760	EL FĀSHER	100	6	10	05	0	7	Cs		34	11	-1
	[illegible]	GENEINA											
S. Sūdān	840	MALAKĀL	130	10	30	02	2	7	Cu AC	9.1	31	49	19
	880	WĀU											
	941	JUBA											

At 1800 on Wednesday 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
SALŪM	290	9	15	00	0	0	—	14.8	24	74	19	0
SĪDI BARĀNI	310	4	15	00	0	0	—	15.0	20	85	18	0
MATRŪH	270	2	18	02	0	0	—	15.4	19	88	17	0
EL DABʻA	00	0	7	00	0	0	—		20	83	17	0
ALEXANDRIA	40	6	35	00	0	0	—	15.0	21	74	16	0
FOUAD (Airport)	00	0	12	02	0	0	—	14.6	20	83	17	0
DAMIETTA	320	5		02	0	0	—	13.8	21	83	18	0
PORT SAʻĪD	340	12	15	02	0	0	—	13.6	23	69	17	0
EL ʻARISH												
DAMANHUR	310	9	15	02	0	0	—	14.3	24	61	16	0
MANSURA	340	5		00	0	0	—	14.7	24	54	14	0
TANTA	00	0	35	02	0	0	—	15.0	22	57	13	0
ZAGAZIG												
ISMAʻILIA												
FAROUK (Airport)	20	16	13	00	0	0	—	14.1	27	37	11	0
ALMĀZA	40	17	12	00	0	0	—	14.0	27	52	16	0
EZBEKĪYA	40		12	00	0	0	—	14.2	27	48	15	0
GĪZA	40		12	00	0	0	—	14.2	26	37	10	0
HELWĀN												
FAIYŪM	00	0	35	02	0	0	—	13.8	29	23	6	0
MINYA	360	6	8	00	0	0	—	12.6	25	34	8	0
ASYŪT MANQABĀD	360	4	12	00	0	0	—	12.7	28	18	1	0
NAGʻ HAMMĀDI	270	1	15	00	0	0	—	11.9	27	52	16	0
QENA	320	1	7	00	0	0	—	10.3	33			0
LUXOR												
ASWĀN	360	5	15	00	0	0	—	9.3	36	17	7	0
SĪWA	310	5	10	01	0	0	—	14.6	30	25	8	0
BAHARĪYA												
FARAFRA												
DAKHLA	360	5	50	00	0	0	—	13.4	30	21	5	0
KHARGA	360	6	15	00	0	0	—	13.8	31	17	3	0
SUEZ	360	10	15	02	0	0	—	14.2	27	27	6?	0
TŌR												
HURGHADA												
QUSEIR	360	5	15	02	0	0	—	10.3	28	62	20	0

At 0600 on Thursday 5th June, 1952

Station	Wind 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	00	0	0	—	15.4	+2.4
SĪDI BARĀNI	310	7	15	02	1	5	Cu	15.3	
MATRŪH	290	9	18	03	0	6	Sc	15.6	+2.1
EL DABʻA	320	5	15	03	2	6	Sc, Cu		
ALEXANDRIA	270	10	50	00	0	0	—	15.4	+2.0
FOUAD (Airport)	280	10	18	02	0	0	—	15.2	+2.7
DAMIETTA	190	2	15	00	0	0	—	15.2	+3.0
PORT SAʻĪD	320	7	14	01	0	0	—	14.3	+2.0
EL ʻARISH									
DAMANHŪR	310	9	15	02	0	0	—	15.0	+2.1
MANSŪRA	320	3	35	00	0	0	—	14.8	+2.3
TANTA	00	0	35	02	0	0	—	14.8	+1.9
ZAGAZIG	00	0	35	02	0	0	—	15.2	+2.5
ISMAʻILIA									
FAROUK (Airport)	340	8	12	00	0	0	—	14.8	
ALMĀZA	340	6	12	00	0	0	—	14.7	+2.4
EZBEKĪYA	360	4	12	00	0	0	—	14.8	+2.3
GĪZA	360	4	12	00	0	0	—	15.2	+2.8
HELWĀN									
FAIYŪM	360	4	35	02	0	0	—	14.7	+2.5
MINYA	360	4	10	00	0	0	—	13.3	+1.1
ASYŪT MANQABĀD	290	2	12	00	0	0	—	13.5	+2.3
NAGʻ HAMMĀDI									
QENA	270	1	35	00	0	0	—	11.9	+2.3
LUXOR									
ASWĀN	340	9	50	00	0	0	—	11.8	+2.2
SĪWA	00	0	14	00	0	0	—		
BAHARĪYA									
FARAFRA	360	1	35	02	0	0	—	15.8	
DAKHLA	340	5		00	0	0	—	15.0	+3.6
KHARGA	360	2	15	00	0	0	—	13.0	+2.8
SUEZ	360	7	35	00	0	0	—	14.0	+2.4
TŌR									
HURGHADA									
QUSEIR	360	13	15	02	0	0	—	10.3	+1.1
PORT SŪDĀN	310	5	30	02	0	0	—	7.1	
WĀDI HALFA	360	13	18	28	0	1	Ac	11.2	
ABU HAMAD	20	20	7	06	1	0	—		
KAREIMA	360	13	30	02	0	0	—	7.2	
ATBARA									
KHARTŪM	270	9	15	05	0	0	—	7.5	
KASSALA	220	9	30	02	0	0	—	9.3	
WĀD MEDANI									
RENK									
ROSEIRES									
EL OBEID	300	13	30	02	2	8	Ac, Cs	9.5	
EL FĀSHER									
GENEINA	40	7	30	03	0	7	Cs		
MALAKĀL	270	7	30	03	2	7	Ci	12.4	
WĀU									
JUBA	180	5	30	03	1	3	Cu AC		

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	26	-3	17	-2	50	12	0	Rain	
SĪDI BARĀNI	21	25		18		78	17	0	115	
MATRŪH	21	25		16		78	17	0	135	
EL DABʻA		25		13			17	0	214	
ALEXANDRIA	21	25	-3	18	-2	74	16	0	166	186
FOUAD (Airport)	22	26	-2	16	-3	69	16	0	Rain	138
DAMIETTA	25	28	0	15	-4	61	17	0	171	106
PORT SAʻĪD	23	30	+3	19	-3	65	16	0	92	
EL ʻARISH										
DAMANHŪR	23	31	-1	16	-1	61	15	0	87	101
MANSŪRA	23	33	0	16	-2	61	15	0	62	55
TANTA	23	33	-1	13	-4	50	12	0	65	44
ZAGAZIG	23			15	-2	65	16	0	30	27
ISMAʻILIA										
FAROUK (Airport)	21	32		17		69	15	0	83	
ALMĀZA	21	33	-1	18	-2	83	18	0	71	
EZBEKĪYA	21	33	-1	18	-1	57	12	0	61	26
GĪZA	21	33	-1	14	-3	74	16	0	58	26
HELWĀN										29
FAIYŪM	23	33	-2	16	-3	50	12	0	23	8
MINYA	24	34	-2	16	-2	47	12	0	5	
ASYŪT MANQABĀD	26	35	-2	20	-1	32	8	0	3	
NAGʻ HAMMĀDI		37	0							
QENA	26	41	+1	20	-3	30	7	0	2	
LUXOR										
ASWĀN	29	40	-1	24	-1	19	3	0	dr.	
SĪWA		34	-3	18	0		4	0	26	8
BAHARĪYA										7
FARAFRA	26			16		37	10	0	Rain	
DAKHLA	26	35	-4	18	-4	30	7	0	dr.	
KHARGA	28	36	-3	18	-5	27	7	0	dr.	
SUEZ	23	33	-1	16	-4	65	16	0	44	17
TŌR										13
HURGHADA										
QUSEIR	27	31	-1	24	-1	52	16	0	dr.	4
PORT SŪDĀN	35	41		26		47	22	0		97
WĀDI HALFA	29	42		24		17	1	0		
ABU HAMAD	34	45		30		12	1	0		
KAREIMA	33	43		27		11	-1	0		2
ATBARA										7
KHARTŪM	33	41		23		17	5	0		8
KASSALA	31	41		27		28	10	0		26
WĀD MEDANI										28
RENK										79
ROSEIRES										129
EL OBEID	29	39		26		55	19?	dr.		40
EL FĀSHER										17
GENEINA	27	39		23		16	-1	0		33
MALAKĀL	26	33		24		79	22	0		265
WĀU										393
JUBA							22	0		484

HUMIDITY % Mean of day

Station	on 4th	Diff. from normal
Alexandria	74	+2
Ezbekiya	47	-5
Giza	55	+4
Helwān		

GĪZA
GRASS MINIMUM TEMP. ON 5th 12.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeropiane 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.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 4th

Station	Matruh		Port Said		Minya		Asyut		Siwa		Dakhla		Hurghada		Kharga		S. Barani						Minya		Port Said	
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	310	18	310	21	350	9	340	14	340	28	330	16	350	17	360	16	310	17					10	17	350	9
600	300	17	300	10	10	10	350	10	340	23	330	23	360	17	360	20	300	17					360	29	320	12
1000	300	13			20	10	340	10	320	14	320	31			360	20	300	21					360	21	280	11
1500			290	15	340	6	340	15	310	10	330	20	310	21			320	25					20	10	270	3
2000			290	10			280	8	320	15							320	26								
3000							250	16	350	7																
4000																										
5000									280	4																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʻīd		El ʻArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		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	15			290	3					330	3										
600			360	6			330	3					330	3										
1000			350	7			350	5					340	3										
1500			310	10			20	3																
2000			290	8																				
3000			290	7																				
4000			280	10																				
5000			270	14																				
6000			250	10																				
7000			220	17																				
8000																								

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time			8						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			340	20					30	16														
600			340	17					20	26					30	19								
1000			350	16					10	17					30	21								
1500			350	43											300	7								
2000			350	8											270	5								
3000															50	14								
4000															40	23								
5000																								
6000																								
7000																								
8000																								

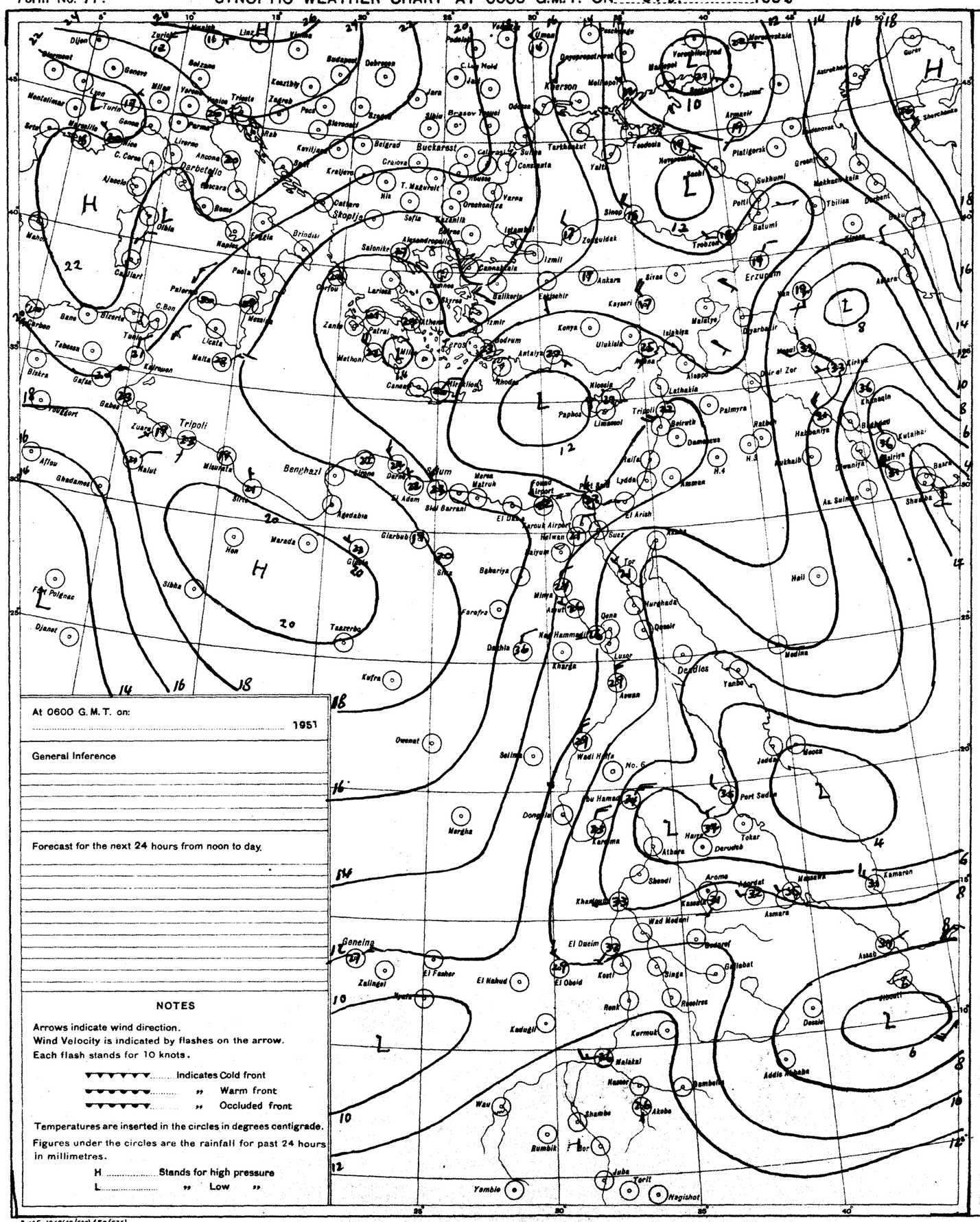
Remarks: 1- Wind Direction in degrees east of North.
2- „ Velocity „ Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (60/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5.6. 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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

3 of E 1949(49/557) (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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 6th June, 1952

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	SALÛM	20	9	35	00	0	0	—	14.4	26	48	14
	303	SÎDI BARÂNI	330	13	18	00	1	0	—		23	65	16
	306	MATRÛH	320	11	30	02	0	0	—	15.0	23	69	17
	309	EL DABÂ											
		ALEXANDRIA	310	10	50	00	0	0	—	13.9	23	74	18
	318	FOUAD (Airport)	310	11	18	02	0	0	—	13.7	24	65	17
	330	DAMIETTA	340	5	35	02	0	0	—	12.7	24	69	18
	333	PORT SA'ÎD	30	11	30	02	0	0	—	12.3	26	58	17
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	0	0	—	14.2	29	40	14
	342	MANSURA	320	5	35	00	0	0	—	13.3	31	28	16
	348	TANTA	00	0	35	02	0	0	—	13.4	31	28	10
	354	ZAGAZIG	320	1	50	02	0	0	—	13.0	31	38	15
	441	ISMAÎLÎA											
Cairo Area	366	FAROUK (Airport)	20	11	30	00	0	0	—	12.3	31	33	13
	372	ALMÂZA	40	11	30	00	0	0	—	11.9	31	36	14
		EZBEKÎYA	360	6	30	00	0	0	—	12.0	31	36	14
		GÎZA	360	6	30	00	0	0	—	12.4	32	38	16
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	11.9	33	13	0
	387	MINYA	360	12	10	00	0	0	—	10.9	33	20	7
	393	ASYÛT MANQABÂD	340	12	30	00	0	0	—	10.9	34		
	399	NAG' HAMMÂDI	320	3	35	00	0	0	—	10.3	34	22	9
	402	QENA	320	1	50	00	0	0	—	9.8	38	13	5
	405	LUXOR											
	414	ASWÂN	340	4	50	00	0	0	—	8.4	36	13	4
Oases	417	SÎWA	320	13	14	00	0	0	—	15.5	32	20	6
	420	BAHARÎYA	360	3	35	02	0	0	—	13.4	33	34	15
	423	FARAFRA	360	4	35	02	0	0	—	13.9	34	27	12
	432	DAKHLA	340	4	50	00	0	0	—	12.6	33	34	15
	435	KHARGA	360	8	15	00	0	0	—	10.2	35	19	8
Red Sea	450	SUEZ	360	8	50	02	0	0	—	12.3	32	30	12
	459	TÛR	310	13	50	02	0	0	—	9.3	29	52	18
	462	HURGHADA	20	19	30	02	0	0	—	8.1	28	55	18
	465	QUSEIR	360	13	15	02	0	0	—	8.0	30	52	19
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA	350	17	30	02	0	0	—	8.2	38		
	640	ABU HAMAD	360	7	30	02	0	0	—		43	7	-1
	660	KAREIMA	360	13	30	02	0	0	—	3.9	43	7	0
	680	'ATBARA	20	5	30	03	0	1	Cu	1.0	44	5	-3
	721	KHARTÛM	320	7	30	05	0	0	—	2.4	43	9	4
	730	KASSALA	290	4	30	03	1	3	Cu	3.5	40	21	14
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	270	4	30	02	2	7	Cs	3.9	38	21	12
	760	EL FÂSHER	30	7	30	02	2	8	Cu, Cs		36	19	9
	770	GENEINA	170	4	15	06	2	8	Ci		37	13	4
S. Sudan	840	MALAKÂL											
	880	WÂU	200	3	30	02	2	7	Cu, Ac	8.4	31	55	21
	941	JUBA											

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
SALÛM	20	2	15	00	0	1	Cu	13.9	22	74	17	0
SÎDI BARÂNI	330	8	18	03	1	3	Cb	14.1	20	78	16	0
MATRÛH												
EL DABÂ	00	0	7	00	0	0	—		20	83	17	0
ALEXANDRIA	360	11	35	00	0	0	—	13.6	21	74	16	0
FOUAD (Airport)												
DAMIETTA	320	5		02	0	0	—	12.6	21	74	16	0
PORT SA'ÎD	20	13	14	02	0	0	—	11.5	22	74	17	0
EL 'ARISH												
DAMANHUR	310	5	15	02	0	0	—	13.5	23	61	15	0
MANSURA	40	9		00	0	0	—	13.0	22	65	15	0
TANTA	00	0	35	02	0	0	—	13.1	27	57	12	0
ZAGAZIG	320	1	35	02	0	0	—	12.7	25	54	15	0
ISMAÎLÎA												
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	00	0	12	00	0	0	—	13.1	25	34	8	0
GÎZA	00	0	12	00	0	0	—	13.4	27	37	11	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	11.9	29	23	6	0
MINYA	360	5	8	00	0	0	—	10.0	23	36	7	0
ASYÛT MANQABÂD	310	4	18	00	0	0	—	10.4	27	20	2	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	9.9	27	33	9	0
QENA	270	1	7	00	0	0	—	9.8	29	23	6	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	9.1	32	15	2	0
SÎWA	320	5	10	00	0	0	—	13.9	29	31	10	0
BAHARÎYA	320	2	15	02	0	0	—	12.8	28	40	13	0
FARAFRA	340	3	15	02	0	0	—	13.0	27	27	6	0
DAKHLA	340	11	50	00	0	0	—	12.0	29	11	-4	0
KHARGA	360	4	15	00	0	0	—	11.8	30	16	1	0
SUEZ	360	7	15	02	0	0	—	11.4	25	34	8	0
TÛR	310	9	35	02	0	0	—	9.0	29	40	14	0
HURGHADA												
QUSEIR	360	9	15	02	0	0	—	7.8	28	33	10	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 Friday 6th June, 1952

Station	Wind 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	2	15	00	0	0	—	13.3	+0.4	22	27	-2	18	-1	74	17	0	Rain	
SIDI BARÂNI	300	6	18	02	1	2	Sc	13.3		22	24		18		74	17	0	115	
MATRÛH	290	10	30	03	0	2	Cu	13.4	-0.1	21			14		74	16	0	135	
EL DABÂ	320	4	15	01	1	2	Cu			21	25		14		74	16	0	214	
ALEXANDRIA	360	9	50	00	0	0	—	13.0	-0.4	22	25	-3	19	-1	65	15	0	166	186
FOUAD (Airport)	360	6	18	02	0	0	—	12.5	0.0	22			18	-1	74	17	0	Rain	138
DAMIETTA	250	2	15	03	0	2	Ac	13.1	+1.0	21	26	-2	16	-1	74	16	0	171	106
PORT SA'ÎD											26	-1							
EL 'ARISH	340	2	30	02	2	6	Sc, Cu	11.6	-0.7	22			16		69	16	0	101	
DAMANHUR	40	5	15	02	0	0	—	12.7	-0.1	24	30	-2	18	0	61	16	0	87	101
MANSURA	90	3	35	00	0	0	—	13.1	+0.7	23	32	-1	16	-2	65	16	0	62	55
TANTA	310	2	35	02	0	0	—	12.6	-0.3	21	32	-2	14	-3	78	17	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	13.1	+0.4	23	34	0	15	-2	74	18	0	30	27
ISMAÎLÎA																			
FAROUK (Airport)	70	5	11	00	0	0	—	13.5		20			17		73	15	0	83	
ALMÂZA	70	5	12	00	1	0	—	12.9	+0.6	20			16	-4	88	18	0	71	
EZBEKÎYA	00	0	10	01	2	3	Cu	13.5	+1.1	20	32	-3	17	-2	56	11	0	61	26
GÎZA	00	0	10	01	2	3	Cu	13.4	+1.0	21	32	-2	14	-3	74	16	0	58	26
HELWÂN																			29
FAIYÛM	360	6	35	02	0	0	—	12.3	+0.2	22	34	-1	17	-2	65	15	0	23	8
MINYA	350	4	10	00	0	0	—	11.2	-1.0	22	34	-2	16	-2	57	13	0	5	
ASYÛT MANQABÂD	340	3	15	00	0	0	—	10.7	-0.5	24	35	-2	17	-4	41	10	0	3	
NAG' HAMMÂDI	270	1	15	00	0	0	—	10.6	+1.0	26	35	-2	17	-3	37	10	0	0.1	
QENA	270	1	35	00	0	0	—	10.4	+0.9	26	39	-1	20	-3	37	10	0	2	
LUXOR	00	0	30	00	0	0	—	10.4	+1.1				18				0	dr.	
ASWÂN	20	4	50	00	0	0	—	10.3	+0.8	27	37	-4	22	-3	20	2	0	dr.	
SÎWA	310	4	14	00	0	0	—	14.8	+1.0	23	34	-3	16	-2	41	9	0	26	8
BAHARÎYA	340	3	35	02	0	0	—	13.9	+1.0	22	34	-2	16	-3	44	9	0	1	7
FARAFRA	360	1	35	02	0	0	—	13.3		25	34		16		28	5	0	Rain	
DAKHLA	340	5	50	00	0	0	—	13.0	+1.6	26	34	-5	19	-3	13	-5	0	dr.	
KHARGA	00	0	35	00	0	0	—	11.8	+1.7	27	35	-4	17	-6	27	6	0	dr.	
SUEZ	360	8	35	00	0	0	—	13.1	+1.5	22	33	-1	17	-3	57	13	0	44	17
TÛR	310	13	50	02	0	0	—	9.8	+0.2	26			22	0	55	16	0	1	13
HURGHADA																			
QUSEIR	360	9	15	02	0	0	—	7.8	-1.3	27	30	-2	23	-2	42	13	0	dr.	4
PORT SÛDÂN	20	2	30	01	0	0	—	7.1		33	41		25		78	17	0		97
WÂDI HALFA	360	12	30	02	0	0	—	9.9		28	40		21		12	-4	0		
ABU HAMAD	10	23	4	07	1	1	Ac			31	44		27		8	-7	0		
KAREIMA	20	11	30	03	0	0	—	8.1		31	44		27		15	1	0		2
'ATBARA	360	14	10	07	0	4	Ac, Cs	5.3		33	45		29		9	-4	0		7
KHARTÛM	10	9	15	05	2	8	Ac	6.0		33	44		31		34	15	0		8
KASSALA	200	9	30	01	0	0	—	8.2		32	41		27		41	17	0		27
WÂD MEDANI																			29
RENK																			102
ROSEIRES	130	2	35	02	2	7	Sc	10.4		29	36		26		49	17	dr.		132
EL OBEID																			41
EL FÂSHER																			18
GENEINA																			34
MALAKÂL																			219
WÂU																			398
JUBA																			489

HUMIDITY % Mean of day

Station	5th	Diff from normal
Alexandria	73	+1
Ezbekiya	44	-8
Giza	52	+1
Helwan		

GIZA GRASS MINIMUM TEMP. ON 6th 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.	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 5th

Height m.	Matruh Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Hurghada Dir.	Vel.	Kharga Dir.	Vel.	Dakhla Dir.	Vel.	Siwa Dir.	Vel.	El Arish Dir.	Vel.	S. Barani Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.
Station																										
Time	14		14		14		14		14		14		14		14		14						20		20	
300	320	11	360	14	330	13	330	24	360	21	350	12	310	9	350	8	320	17					20	7	350	6
600	330	14	360	11	330	18	300	18	360	23	340	15	320	7	330	10	310	15					360	7	360	4
1000	300	14	360	12	340	18	320	17	360	23	340	14	320	11	340	6	320	15					40	7	350	7
1500	310	17	350	16	340	17	280	8			350	19	340	19	20	4	330	15					340	10	350	8
2000	280	6			340	14					350	17	350	19	340	3	330	12					320	10	360	4
3000					300	8							330	16			320	14								
4000													290	15												
5000													280	15												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwan Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Almaza Dir.	Vel.
Time			4		8		8						2		8								8	
300			310	6	340	7	330	2					350	4	320	6								
600			360	6	350	7	300	2					360	6	330	14							20	13
1000			10	8	350	7	340	7					350	4	320	12							20	8
1500			350	10	330	7	30	10					360	5	340	9							360	6
2000			300	9	280	6							340	9	270	3							320	10
3000			310	8	210	7																		
4000			280	18																				
5000			250	16																				
6000																								
7000																								
8000																								

Station	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abu 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																	
300	00	0	340	26	320	7	10	11																
600	00	0	340	33	330	15	20	18																
1000	300	3	330	48	330	24	20	16																
1500	310	10	330	18	340	19																		
2000	310	11	260	40	300	21																		
3000	320	15																						
4000	350	10																						
5000	280	15																						
6000																								
7000																								
8000																								

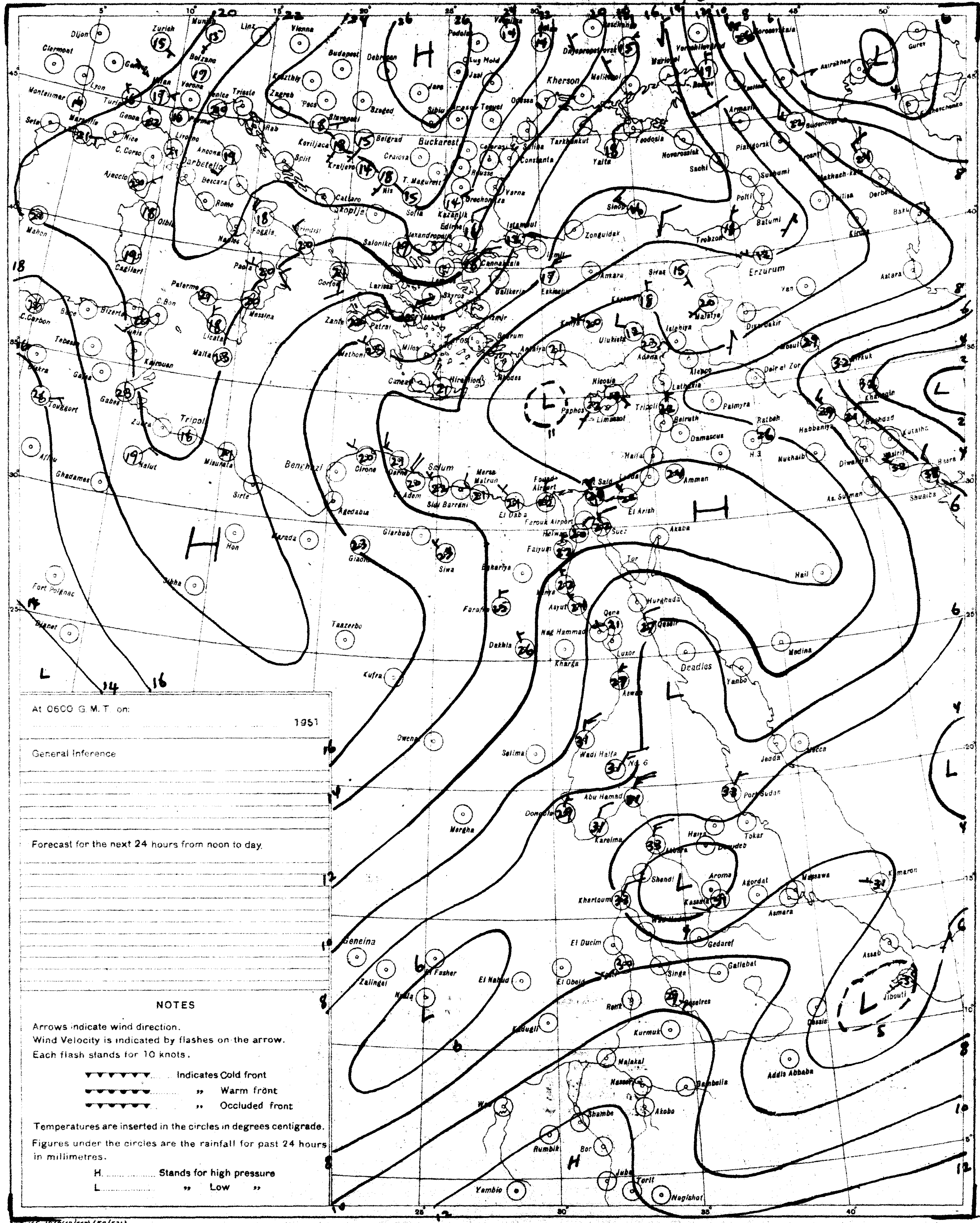
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 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 } 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
8/8 ,, ,, ,, ,,	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 53 G.M.T.

" " Sunset 16 54 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 7th June, 1952

At 1200 on Friday 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	20	13	35	00	0	1	Cu	12.7	24	69	18
	303	SÎDI BARÂNI											
	306	MATRÛH	340	13	30	02	0	0	—	13.6	23	74	18
	309	EL DABÂ	320	9	35	00	0	0	—		24	61	16
		ALEXANDRIA	360	15	50	00	0	0	—	12.8	24	61	16
	318	FOUAD (Airport)	310	14	18	02	0	0	—	12.8	25	61	17
	330	DAMIETTA	340	2	35	01	0	0	—	12.6	26	55	16
	333	PORT SA'ÎD	10	10	30	02	0	0	—	10.1	25	58	16
	336	EL 'ARISH	330	3	30	00	0	0	—	10.3	24	67	15
Lower Egypt	339	DAMANHUR	310	9	15	02	0	0	—	12.2	29	40	14
	342	MANSURA	320	5	35	00	0	0	—	11.0	31	31	12
	348	TANTA	310	5	35	02	0	0	—	10.6	32	34	14
	354	ZAGAZIG	40	1	50	02	0	0	—	11.1	30	46	17
	441	ISMAÎLÎA											
Cairo Area	366	FAROUK (Airport)	320	9	30	00	0	0	—	11.7	31	28	10
	372	ALMÂZA	20	4	18	00	0	0	—	10.6	30		
		EZBEKÎYA	30	2	30	00	1	0	—	10.7	32	29	12
		GÎZA	30	2	30	00	1	0	—	10.5	31	28	10
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	10.2	32	20	6
	387	MINYA	10	5	10	00	0	0	—	9.7	33	10	-2
	393	ASYÛT MANQABÂD	320	11	30	00	0	0	—	9.5	33	13	1
	399	NAG' HAMMÂDI	00	0	15	00	0	0	—		33	25	10
	402	QENA	270	1	50	00	0	0	—	7.6	37	11	2
	405	LUXOR											
	414	ASWÂN	360	4	50	00	0	0	—	7.4	38	13	5
Oases	417	SÎWA	290	11	14	00	0	0	—	13.6	33	20	7
	420	BAHARÎYA	360	2	35	02	0	0	—	12.3	32	38	16
	423	FARAFRA	320	5	35	02	0	0	—	12.0	35	12	1
	432	DAKHLA	340	15	35	00	0	0	—	11.9	34	10	-2
	435	KHARGA											
Red Sea	450	SUEZ	360	8	50	02	0	0	—	10.2	30	25	8
	459	TÛR	310	13	50	02	0	0	—	6.6	29	32	18
	462	HURGHADA	350	18	18	02	0	0	—	6.4			17
	465	QUSEIR	360	9	15	02	0	0	—	6.7	29	66	22
	641	PORT SUDÂN	50	13	30	02	0	0	—	5.9	35	27	13
North Sudan	600	WÂDI HALFA	350	23	50	02	0	0	—	7.8	38	6	-6
	640	ABU HAMAD	360	3	30	02	0	0	—		47	6	-3
	660	KAREIMA	340	10	30	01	1	3	Ac	4.8	40	8	0
	680	'ATBARA	200	3	30	01	1	0	—	1.3	43	11	6
	721	KHARTÛM	20	6	10	06	2	0	—	2.6	41	13	7
	730	KASSALA	210	4	10	05	2	7	Cu, Cs	2.9	39	24	15
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	320	7	30	03	0	4	Cs	4.5	39	5	-7
	760	EL FÂSHER	00	0	30	02	2	8	Cs		35	18	7
	770	GENEINA	90	12	30	02	2	8	Ac, Cs		36	15	6
S. Sudan	840	MALAKÂL	250	4	30	19	2	8	Cu, Sc	10.4	29	66	22
	880	WÂU											
	941	JUBA	230	5	30	02	9	7	Cu, Ac	10.3	29	66	22

At 1800 on Friday 6th

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	360	5	15	00	0	0	—	12.7	22	57	13	0
303	SÎDI BARÂNI	10	4	35	03	1	4	Sc	12.7	21	77	17	0
306	MATRÛH	340	2	15	02	0	0	—	13.2	20	83	17	0
309	EL DABÂ	360	14	7	00	0	0	—		21	83	18	0
	ALEXANDRIA	360	11	35	00	0	0	—	12.6	21	69	15	0
318	FOUAD (Airport)	330	6	12	02	0	0	—	12.1	21	69	15	0
330	DAMIETTA	340	2	7	00	0	0	—	11.6	22	74	17	0
333	PORT SA'ÎD	350	14	14	02	0	0	—	10.9	22	83	19	0
336	EL 'ARISH												
339	DAMANHUR	360	9	15	02	0	0	—	12.3	24	61	16	0
342	MANSURA	360	9		00	0	0	—	11.4	23	61	15	0
348	TANTA	00	0	35	02	0	0	—	11.9	22	57	13	0
354	ZAGAZIG	00	0	35	02	0	0	—	11.0	25	61	17	0
441	ISMAÎLÎA												
366	FAROUK (Airport)	360	10	12	00	0	0	—	10.6	26	37	10	0
372	ALMÂZA	40	9	10	00	0	0	—	11.2	27	52	16	0
	EZBEKÎYA	00	0	12	00	0	0	—	10.4	24	44	11	0
	GÎZA	00	0	12	00	0	0	—	10.2	26	42	12	0
378	HELWÂN												
381	FAIYÛM	360	2	35	02	0	0	—	9.0	29	29	9	0
387	MINYA	360	5	8	00	0	0	—	8.3	24	41	10	0
393	ASYÛT MANQABÂD	280	4	12	00	0	0	—	9.7	26	17	-1	0
399	NAG' HAMMÂDI	00	0	35	00	0	0	—	9.3	28	27	7	0
402	QENA	270	1	7	00	0	0	—	8.6	26	23	3	0
405	LUXOR												
414	ASWÂN	360	5	15	00	0	0	—	7.6	34	14	3	0
417	SÎWA	290	3	10	01	0	1	Sc	12.0	30	33	12	0
420	BAHARÎYA	00	0	15	02	0	0	—	12.2	26	42	12	0
423	FARAFRA	360	3	15	02	0	0	—	12.3	26	25	4	0
432	DAKHLA	360	11	50	00	0	0	—	11.4	30	11	-4	0
435	KHARGA	360	9	15	00	0	0	—	10.7	31	12	-1	0
450	SUEZ	360	9	15	02	0	0	—	10.7	25	42	11	0
459	TÛR	310	5	50	02	0	0	—	6.0	29	40	14	0
462	HURGHADA	320	11	30	02	0	0	—	5.6	28	40	13	0
465	QUSEIR	360	5	15	02	0	0	—		27	62	19	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												
760	EL FÂSHER												
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Saturday 7th June, 1952

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	340	9		—		0	—				26	-3	18	-1			0	Rain	
303	SÎDI BARÂNI	290		18	02	1	5	Cu, Sc	13.8		22			15		77	18	0	115	
306	MATRÛH	240	5	18	03	1	6	Sc	14.2	+0.8	22	24		15		74	17	0	135	
309	EL DABÂ	320	3	15	02	0	4	Cb			21	25		16		78	17	0	214	
	ALEXANDRIA	310	11	50	01	1	4	Cu	13.1	-0.3	22	25	-3	19	-1	74	17	0	166	186
318	FOUAD (Airport)	300	10	18	01	2	4	Sc	12.1	-0.4	22	25	-3	20	+1	78	18	0	Rain	138
330	DAMIETTA	320	5	7	03	1	6	Sc	13.0	+1.0	22	26	-2	17	-2	74	17	0	171	106
333	PORT SA'ÎD	260	9	18	03	2	7	Sc	11.8	-0.6	23	25	-2	20	-2	69	17	0	92	
336	EL 'ARISH	240	4	30	01	2	2	Cu	11.4	-0.8	24			17		61	16	0	101	
339	DAMANHUR	310	9	15	02	1	1	Cu	12.2	-0.5	22	30	-2	16	-2	65	15	0	87	101
342	MANSURA	270	6	35	03	2	6	Cu	12.4	0.0	22	33	0	17	-1	74	17	0	62	55
348	TANTA	00	0	35	02	0	0	—	12.4	-0.4	24	32	-2	16	-1	69	18	0	65	44
354	ZAGAZIG	00	0	35	02	1	6	Cu	12.4	-0.2	21	34	0	15	-2	74	16	0	30	27
441	ISMAÎLÎA																			
366	FAROUK (Airport)	320	4	13	01	2	4	Sc	13.7		21	32		17		74	16	0	83	
372	ALMÂZA	40	4	12	03	2	5	Cu	12.9	+0.6	21	32	-2	18	-2	83	18	0	71	
	EZBEKÎYA	30	4	12	01	1	4	Cu	12.3	-0.1	23	32	-3	18	-1	65	16	0	61	26
	GÎZA	30	4	12	01	1	4	Cu	13.6	+1.3	22	33	-1	16	-1	65	15	0	58	26
378	HELWÂN																			29
381	FAIYÛM	360	4	35	02	0	0	—	13.5	+1.4	22	33	-3	17	-2	65	15	0	23	8
387	MINYA	360	6	10	00	0	0	—	12.5	+0.3	22	34	-2	13	-5	50	11	0	5	
393	ASYÛT MANQABÂD	300	5	14	00	0	0	—	13.0	+1.9	24	35	-2	18	-3	38	9	0	3	
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	12.0	+2.4	25	35	-2	17	-3	54	15	0	0.1	
402	QENA	270	1	35	00	0	0	—	11.4	+2.0	25	39	-1	20	-3	34	8	0	A	
405	LUXOR																			
414	ASWÂN	340	6	50	00	0	0	—	11.6	+2.2	27	39	-2	22	-3	20	2	0	dr.	
417	SÎWA	90	5	14	00	0	0	—	14.4	+0.6	25	34	-3	18	0	32	7	0	26	8
420	BAHARÎYA	360	1	35	02	0	0	—	13.3	+0.5	25	33	-3	16	-3	47	13	0	1	7
423	FARAFRA	00	0	35	02	0	0	—	13.3		26	35		14		25	4	0	Rain	
432	DAKHLA	00	0	50	00	0	0	—	13.0	+1.6	27	36	-3	20	-2	15	-2	0	dr.	
435	KHARGA	00	0	35	00	0	0	—	12.6	+2.6	27	36	-3	17	-6	33	9	0	dr.	
450	SUEZ	360	6	35	00	0	1	Cu	12.4	+0.9	22	32	-2	16	-4	65	15	0	44	17
459	TÛR	310	9	50	02	0	0	—	10.8	+1.7	25			22	0	61	17	0	1	13
462	HURGHADA	330	22	30	02	0	0	—	7.8	+0.5	25	28	-2	22	-1	54	15	0	Rain	
465	QUSEIR	360	5	15	02	0	0	—	7.4	+0.4	29	30	-2	22	-3	37	13	0	dr.	4
641	PORT SUDÂN																			97
600	WÂDI HALFA																			
640	ABU HAMAD																			
660	KAREIMA																			2
680	'ATBARA																			7
721	KHARTÛM																			9
730	KASSALA																			28
751	WÂD MEDANI																			30
801	RENK																			104
802	ROSEIRES																			136
771	EL OBEID																			42
760	EL FÂSHER																			18
770	GENEINA																			35
840	MALAKÂL																			223
880	WÂU																			403
941	JUBA																			494

HUMIDITY %

Station	Mean of day on 6th	Diff. from normal
Alexandria	70	-2
Ezbekiya	49	-3
Giza	54	+3
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 7th 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					

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	Matruh		Fouad A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		Port Said		Minya	
Time	14		14		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	330	12	300	7	330	17	340	1	330	14	350	13	320	10	290	9	340	30	360	18	360	15	330	12	340	7
600	320	10	320	15	320	16	340	1	350	31	340	16	320	12	280	12	340	23	360	23	340	11	330	10	340	6
1000	290	10	330	15	310	11	360	8	360	19	330	19	330	8	300	18	330	16	360	24	340	10	340	7	330	10
1500	280	10	320	17	280	5	330	7	350	19	320	16	310	16	280	12			360	16	300	13	360	8	330	8
2000	280	14	310	16	280	6	310	5					260	12	310	17										
3000	270	12	280	6	220	33							250	15	320	16										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		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	12	320	9	300	19	280	8							330	5			350	11				
600	310	12	250	10	310	25	280	9							340	11			330	9				
1000	310	16	280	12	320	15	270	9							340	21			320	9				
1500			280	11											340	19			310	8				
2000			260	11											350	16								
3000			280	13											280	16								
4000			260	14																				
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																	
Height m.	Dir.	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	8	320	6	270	5	10	10																
600	100	9	300	10	260	3	360	20																
1000	200	3	290	19	300	6	340	16																
1500	290	7	240	56	330	16	330	23																
2000	290	11	290	23	320	31																		
3000	300	11																						
4000	280	15																						
5000	260	25																						
6000																								
7000																								
8000																								

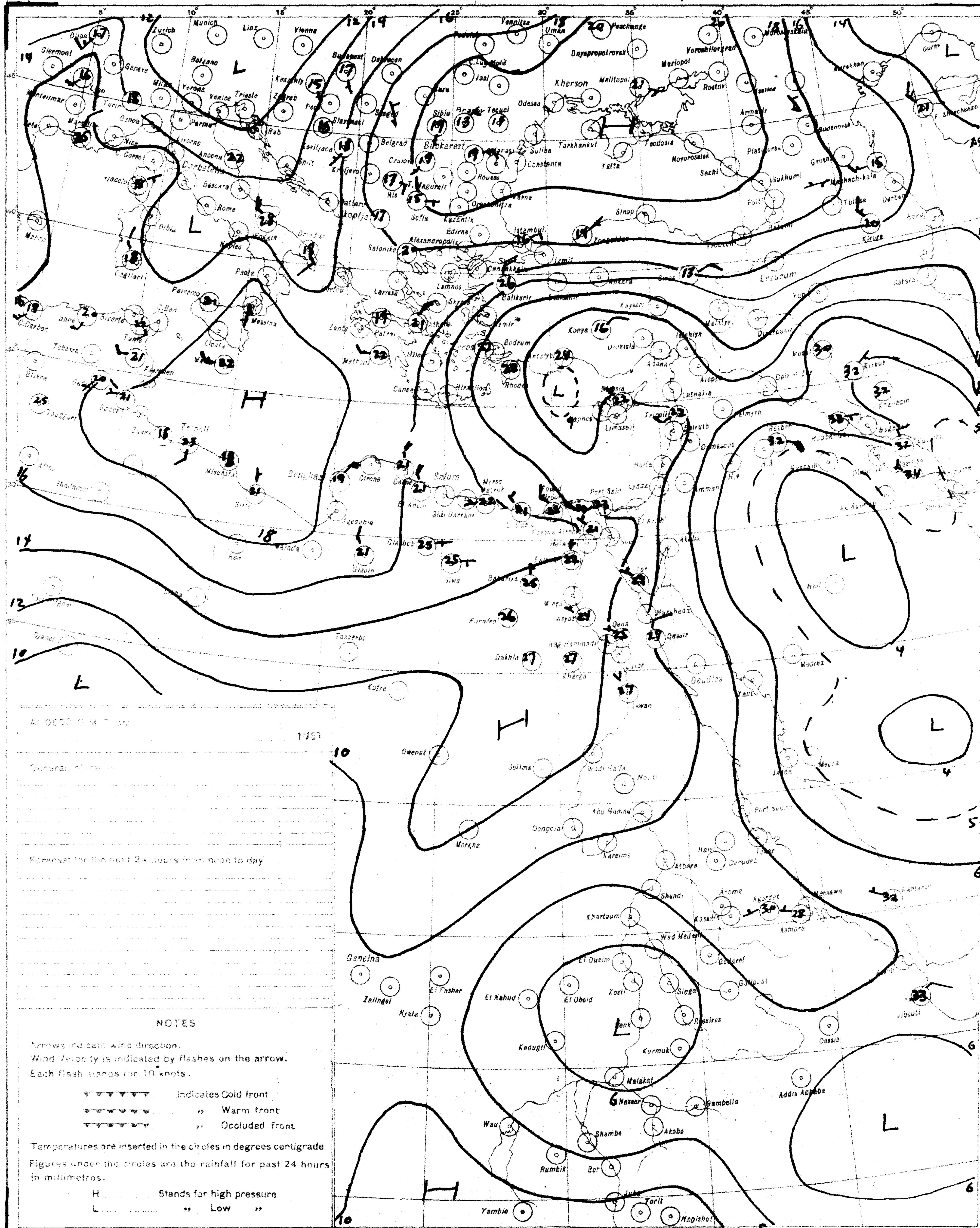
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (43/557).(50/531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7/6 1952



At 0600 G.M.T. on 1951

General Information

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)

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Sunday 8th June, 1952

At 1200 on Saturday 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	SALŪM	320	13	35	00	1	1	Cu	14.3	27	27	6
	303	SĪDI BARĀNI	350	11	18	01	1	1	Cu	14.3	23	69	17
	306	MATRŪH	320	17	18	03	1	3	Cb,Ci	14.6	24	69	18
	309	EL DAB'A	340	4	35	00	0	0	—		24	61	16
		ALEXANDRIA	310	20	50	01	2	3	Sc	13.9	23	65	16
	318	FOUAD (Airport)	320	17	18	03	1	5	Sc	13.8	24	69	18
	330	DAMIETTA	320	9	35	01	1	1	Cu	13.3	24	69	18
	333	PORT SAĪD	340	19	18	02	1	1	Cu	12.0	24	74	19
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	230	13	15	02	1	1	Cu	13.1	26	55	16
	342	MANSURA	320	9	35	00	1	0	—	12.6	30	40	15
	348	TANTA	310	5	35	01	1	2	Cu	11.9	30	40	15
	354	ZAGAZIG	220	2	50	02	1	3	Cu	12.0	31	49	19
	441	ISMAILIA											
Cairo Area	366	FAROUK (Airport)	340	10	18	03	1	3	Sc	11.6	30	29	10
	372	ALMĀZA	310	7	18	03	0	4	Cu	11.9	30	33	12
		EZBEKĪYA	310	9	30	01	1	2	Cu	11.8	31	31	12
		GĪZA	310	9	30	01	1	2	Cu	12.0	31	31	12
	378	HELWĀN											
Upper Egypt	381	FAIYŪM	360	2	35	02	0	0	—	11.5	31	31	12
	387	MINYA	10	8	12	00	0	0	—	11.5	33	24	10
	393	ASYŪT MANQABĀD	320	10	30	00	0	0	—	11.6	34	11	-1
	399	NAG' HAMMĀDI	220	2	35	00	0	0	—	10.7	35	19	8
	402	QENA	290	1	50	00	0	0	—	9.4	38	13	5
	405	LUXOR											
	414	ASWĀN	360	3	50	00	0	0	—	9.1	37	14	6
Oases	417	SĪWA	280	10	14	03	0	1	Cu	14.3	32	20	6
	420	BAHARĪYA	360	3	35	02	0	0	—	11.8	34	27	12
	423	FARAFRA	270	9	35	02	0	0	—	12.2	36	13	4
	432	DAKHLA	340	5	50	00	0	0	—	11.9	35	12	1
	435	KHARGA	340	2	35	00	0	0	—	9.8	36	17	7
Red Sea	450	SUEZ	360	8	50	01	0	0	—	11.1	31	31	12
	459	TŌR	310	13	50	02	0	0	—	9.8	30	46	17
	462	HURGHADA	360	19	30	02	0	0	—	8.8	29	40	14
	465	QUSEIR	20	9	15	01	0	0	—	8.0	29	43	25
	641	PORT SUDĀN	50	12	30	02	1	5	Cs	6.4	37	25	14
Northern Sudan	600	WĀDI HALFA	310	17	50	02	0	1	Cs	8.8	37	8	-3
	640	ABU HAMAD	360	7	30	03	1	5	Cs		41	7	-1
	660	KAREIMA											
	680	ATBARA	340	3	30	01	2	0	—	3.9	41	6	-3
	721	KHARTUM	240	7	30	02	2	7	Cs	6.7	37	20	11
	730	KASSALA	200	3	30	03	0	1	Cu	5.2	38	25	15
Central Sudan	751	WĀD MEDANI	230	9	35	02	2	8	As	5.4	35	32	16
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FĀSHER	90	4	30	01	2	1	Ac		37	9	-1
	770	GENEINA	200	10	30	02	2	8	Cu,Ac		37	13	4
Southern Sudan	840	MALAKĀL	00	0	30	02	2	6	Cu,Ac	10.2	30	59	21
	880	WAU											
	941	JUBA	90	2	30	02	2	7	Cb,Ac	8.8	31	59	22

At 1800 on Saturday 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.
SALŪM	270	13	15	00	0	0	—	14.7	21	50	10	0
SĪDI BARĀNI	290	17	18	03	1	3	Cu	14.7	20	64	13	0
MATRŪH	290	12	18	03	1	4	Cu	15.1	21	61	13	0
EL DAB'A	320	2	7	03	2	7	St		21	83	18	0
ALEXANDRIA	40	7	35	00	0	0	—	14.6	21	74	16	0
FOUAD (Airport)	350	3	12	00	0	0	—	14.7	20	83	17	0
DAMIETTA	320	9		02	0	1	Cu	13.8	22	74	17	0
PORT SAĪD	310	16	12	03	0	3	Sc	12.9	22	78	18	0
EL 'ARISH												
DAMANHUR	270	9	15	02	2	0	—	13.9	22	65	15	0
MANSURA	270	5		00	0	0	—	14.0	22	74	17	0
TANTA	00	0	35	01	1	4	Cu	14.6	21	57	12	0
ZAGAZIG	00	0	35	02	0	0	—	13.4	24	69	18	0
ISMAILIA												
FAROUK (Airport)	340	10	12	00	0	0	—	13.3	24	54	14	0
ALMĀZA	360	11	12	00	0	0	—	13.5	26	62	18	0
EZBEKĪYA	20	4	12	00	1	0	—	13.5	24	47	12	0
GĪZA	20	4	12	00	1	0	—	13.3	25	47	13	0
HELWĀN												
FAIYŪM	360	2	35	02	0	0	—	13.0	28	40	13	0
MINYA	00	0	8	02	1	2	Cu	12.6	27	40	12	0
ASYŪT MANQABĀD	280	3	18	00	0	0	—	11.9	29	22	5	0
NAG' HAMMĀDI	00	0	15	00	0	0	—	10.7	26	48	14	0
QENA	320	1	7	00	0	0	—	11.1	32	20	6	0
LUXOR												
ASWĀN	360	4	15	00	0	0	—	9.6	33	16	4	0
SĪWA	290	5	10	01	0	0	—	14.3	30	25	8	0
BAHARĪYA	320	2	15	02	0	0	—	12.4	29	40	14	0
FARAFRA	320	2	15	02	2	4	Ac	12.2	28			0
DAKHLA	340	11	50	00	0	0	—	12.0	31	12	-1	0
KHARGA	360	2	15	00	0	0	—	11.4	31	43	17	0
SUEZ	360	10	15	02	0	0	—	13.0	26	62	18	0
TŌR	310	5	35	01	1	1	Ci	10.6	30	35	13	0
HURGHADA	300	19	12	02	0	0	—	10.2	28	37	13	0
QUSEIR	330	5	15	02	0	0	—	10.6	28	45	15	0

At 0600 on Sunday 8th June, 1952

Station	Wind 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
SALŪM	290	9	15	03	1	5	Cu,Sc	16.7	+3.8	21	28	-1	18	-1	74	16	0	Rain	
SĪDI BARĀNI	320	12	18	01	1	1	Cu	15.9		22	24		19		65	15	0	115	
MATRŪH	300	14	30	00	1	2	Cu	16.0	+2.6	22	25		16		61	14	0	135	
EL DAB'A	360	10	15	03	2	6	Sc,Cu			21	25		16		65	14	0	214	
ALEXANDRIA	310	17	50	03	1	4	Sc	15.2	+1.9	22	25	-3	18	-2	57	13	0	166	186
FOUAD (Airport)	300	9	18	02	2	5	Sc	15.0	+2.6	22	24	-4	19	0	61	14	0	Rain	138
DAMIETTA	220	2	7	03	1	3	Cu	13.6	+1.6	23	25	-3	17	-3	74	18	0	171	106
PORT SAĪD	280	10	12	01	0	2	Sc	13.5	+1.1	23	26	-2	20	-2	65	16	0	92	
EL 'ARISH																			
DAMANHŪR	310	13	15	02	1	3	Cu	14.7	+2.0	22	26	-6	16	-2	65	15	0	87	101
MANSŪRA	320	5	35	02	1	3	Cu	14.8	+2.5	24	30	-4	17	-1	69	18	0	62	55
TANTA	00	0	35	03	2	6	Cu	15.2	+2.5	24	30	-4	16	-1	69	18	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	14.8	+2.3	23	32	-2	17	0	74	18	0	30	27
ISMAILIA	340	5	35	00	0	0	—	14.3		24					89	22	0		
FAROUK (Airport)	270	2	14	02	2	5	Sc	15.9		21	32		17		78	17	0	83	
ALMĀZA	340	3	12	03	1	6	Sc	15.4	+3.1	21	32	-3	18	-2	83	18	0	71	
EZBEKĪYA	00	0	12	02	2	6	Cu	15.5	+3.2	24	32	-3	19	0	50	13	0	61	26
GĪZA	00	0	12	02	2	6	Cu	15.9	+3.7	22	32	-2	17	0	65	15	0	58	26
HELWĀN																			29
FAIYŪM	360	6	35	02	0	0	—	15.9	+3.9	24	34	-2	18	-1	61	16	0	23	8
MINYA	360	10	8	00	0	0	—	14.3	+2.2	24	34	-2	17	-1	57	15	0	5	
ASYŪT MANQABĀD	340	5	14	00	0	0	—	13.9	+2.8	28	34	-3	20	-1	35	11	0	3	
NAG' HAMMĀDI	00	0	15	00	0	0	—	13.1	+3.6	26	35	-2	17	-3	51	15	0	0.1	
QENA	320	1	35	00	0	0	—	12.8	+3.5	28	39	-1	20	-3	40	13	0	2	
LUXOR																			
ASWĀN	360	3	50	00	0	0	—	13.6	+4.2	28	38	-3	23	-2	27	7	0	dr.	
SĪWA	360	8	14	00	0	0	—	17.9	+4.1	21	34	-3	17	-1	61	13	0	26	8
BAHARĪYA	00	0	35	02	0	0	—	16.0	+3.2	24	35	-1	19	0	61	16	0	1	7
FARAFRA	360	4	35	02	0	0	—	16.2		25	36		20		47	13	0	Rain	
DAKHLA	340	5	50	00	0	0	—	14.3	+3.0	28	36	-3	19	-3	16	0	0	dr.	
KHARGA	00	0	35	00	0	0	—	13.8	+3.8	29	36	-3	19	-4	23	6	0	dr.	
SUEZ	360	6	35	00	0	1	Cu	15.1	+3.7	23	33	-1	18	-3	74	18	0	44	17
TŌR	270	9	35	02	1	0	—	13.1	+4.0	25			23	0	74	20	0	1	13
HURGHADA	340	9	30	02	0	0	—	13.0	+3.7	26	30	0	25	+2	62	18	0	Rain	
QUSEIR	20	5	15	02	0	0	—	12.7	+3.7	27	30	-2	25	0	70	21	0	dr.	4
PORT SŪDĀN	320	9	30	02	0	0	—	10.2		32	38		25		41	17	0		97
WĀDI HALFA																			
ABU HAMAD																			
KAREIMA																			2
ATBARA	360	15	10	07	0	0	—									0	0		7
KHARTŪM			15	05	1		Ci	10.0		29	39		24		27	8	0		9
KASSALA	180	5	30	12	0	0	—	9.2		30	39		25		46	17	0		29
WĀD MEDANI																			31
RENK																			107
ROSEIRES																			140
EL OBEID	60	5	30	01	2	1	Ci	10.0		30	38		25		9	-6	0		43
EL FĀSHER																			19
GENEINA	70	9	30	01	2	2	Ci			25	38		21		11	-8	0		36
MALAKĀL	250	4	30	03	1	6	Ci	11.7		25	30		22		84	22	0.3		227
WAU																			408
JUBA	180	4	50	01	2	7	Ac,Cs	12.4		25	31		22		79	21	0		499

HUMIDITY % Mean of day

Station	On 7th	Diff. from normal
Alexandria	75	+3
Ezbekiya	55	+3
Gîza	56	+5
Helwân		

GÎZA
GRASS MINIMUM TEMP. on 8th 16.0 °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 / AIRPORT / AIRPORT — On ... At ...

Pressure 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	Matruh		Port Said		Asyut		Siwa		Dakhla		Kharga		Hurghada		S.Barani		Port Said	
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.
300	230	13	320	17	320	11	290	11	330	12	340	12	340	35	310	23	310	13
600	300	17	290	20	340	11	300	11	330	12	360	17	350	33	320	23	320	14
1000	280	16	270	17	340	10	300	14	330	17	10	19	340	49	310	14	300	17
1500	270	16	280	17	320	19	310	18	320	25	10	13			290	20	300	16
2000	270	21	250	12	310	18	300	18	310	23					280	22	290	21
3000							300	10									280	20
4000							290	13										
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 8th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saīd		El Arīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān	
Time	8		4		2		2												8	
Height m.	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	300	10	280	9											360	13
600	320	16	320	14	300	14	280	9											360	12
1000	330	18	320	12	280	11	270	7											350	11
1500							280	6											330	13
2000							270	7												
3000																				
4000																				
5000																				
6000																				
7000																				
8000																				

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fasher		Malakāl	
Time	8		8		8		8										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	360	16	340	15	320	15	340	4																
600	360	16	330	14	320	14	340	7									180	19						
1000	350	12	330	22	360	10	320	14									190	19	20	13				
1500	340	43	320	69	360	17	320	17									230	8	60	21				
2000	340	23			320	10	320	16																
3000	330	22																						
4000	360	23																						
5000	330	22																						
6000	320	16																						
7000																								
8000																								

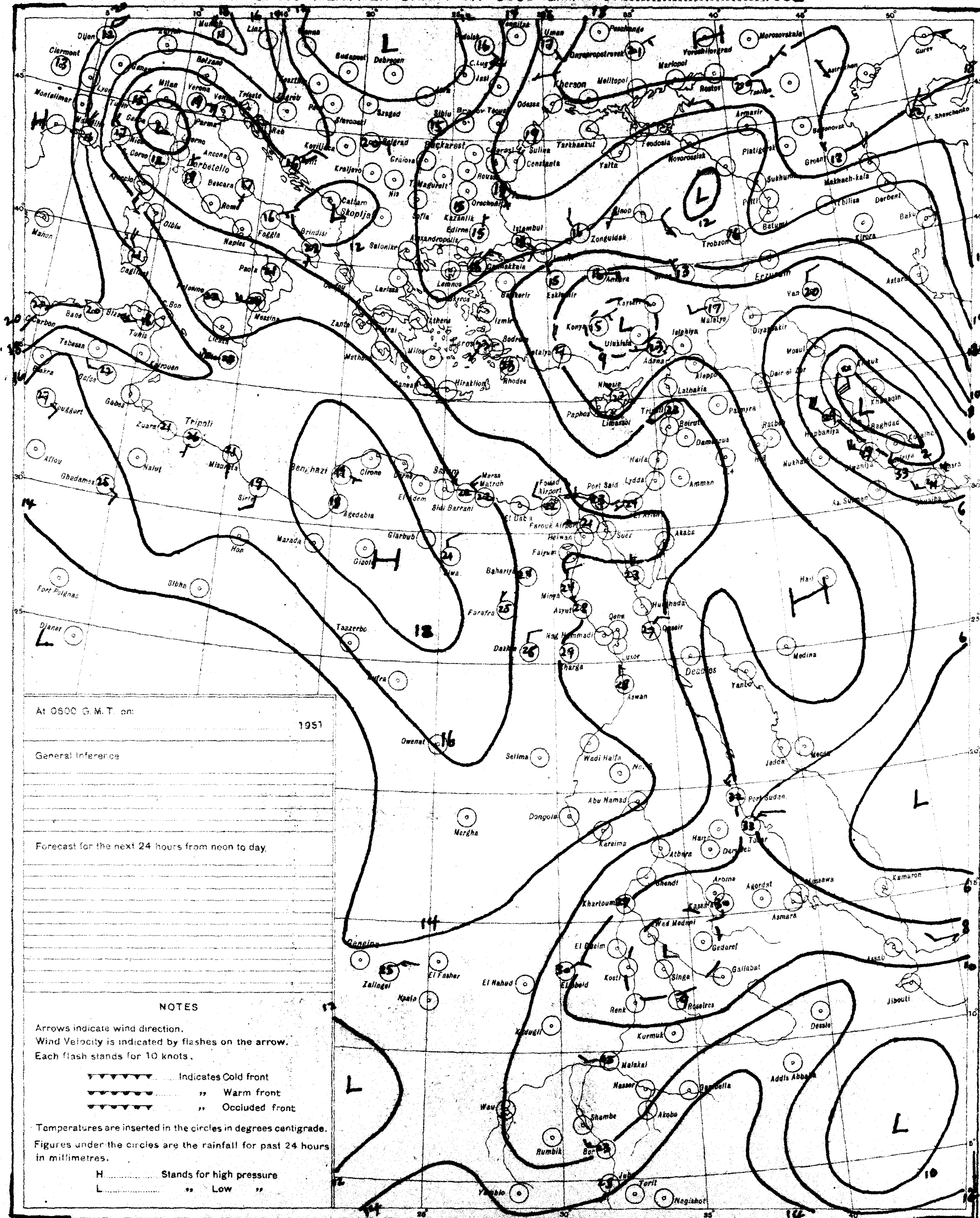
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 8.6. 1952



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 (*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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 22 53 G.M.T.

" " Sunset 16 55 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 9th June, 1952

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	360	9	35	00	0	0	—	16.2	25	54	15
	303	SIDI BARANI	320	13	18	01	0	0	—	16.6	23	74	18
	306	MATRUH	300	19	18	01	0	0	—	16.5	24	57	15
	309	EL DABA	320	6	35	00	0	0	—		23	61	15
		ALEXANDRIA	310	18	50	01	2	3	Cu	16.0	23	61	15
	318	FOUAD (Airport)	300	15	18	01	1	3	SC	15.9	24	57	15
	330	DAMIETTA	320	5	35	00	0	0	—	15.2	24	69	18
	333	PORT SA'ID											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	0	0	—	14.8	27	52	16
	342	MANSURA	320	5	35	00	1	0	—	14.7	30	35	13
	348	TANTA	00	0	35	01	1	2	Cu	14.6	30	40	15
	354	ZAGAZIG	220	2	50	02	0	0	—	13.8	29	52	18
	441	ISMA'ILIA	290	9	35	03	1	5	Cu	13.9	29	35	12
Cairo Area	366	FAROUK (Airport)	290	11	18	03	0	1	SC	14.6	29	35	12
	372	ALMAZA	320	8	30	02	1	1	Cu	14.2	29	29	9
		EZBEKIYA	320	7	30	00	1	1	Cu	14.3	31	31	12
		GIZA	320	7	30	00	1	1	Cu	14.1	31	38	15
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	4	35	03	0	1	Cu, SC	14.6	31	31	12
	387	MINYA	360	4	10	00	0	0	—	13.5	32	24	9
	393	ASYUT MANQABAD	330	8	30	00	0	0	—	13.6	34	18	6
	399	NAG' HAMMADI	270	2	35	00	0	0	—	12.4	35	15	5
	402	QENA	00	0	50	00	0	0	—	11.1	38	16	8
	405	LUXOR											
	414	ASWAN	360	8	50	00	0	0	—	10.4	36	17	7
Oases	417	SIWA	290	10	14	00	0	0	—	17.6	31	22	7
	420	BAHARIYA	320	2	35	02	0	0	—	16.4	33	28	12
	423	FARAFRA	320	5	35	02	0	0	—	15.6	32	26	10
	432	DAKHLA	340	15	50	00	0	0	—	14.0	35	15	5
	435	KHARGA	340	4	35	00	0	0	—	15.2	37	18	9
Red Sea	450	SUEZ	40	6	50	03	0	3	Cu	13.4	31	38	15
	459	TOR	310	9	50	02	0	0	—	12.8	32	38	16
	462	HURGHADA	360	14	30	02	0	0	—	12.1	29	49	17
	465	QUSEIR	360	9	15	02	0	0	—	12.3	28		
	641	PORT SUDAN	20	22	7	07	0	0	—	8.5	35	39	19
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	20	5	30	02	0	0	—		40	8	-1
	660	KAREIMA	20	10	30	02	0	0	—	7.3	40	8	0
	680	'ATBARA	00	0	30	02	0	0	—	5.7	42	9	3
	721	KHARTUM	320	5	30	01	1	4	AC, CS	5.7	39	14	7
	730	KASSALA	200	5	30	03	0	1	Cu	5.1	37	24	15
Central Sudan	751	WAD MEDANI	230	9	35	02	2	4	Cu	4.9	38	25	15
	801	RENK	130	9	35	02	2	6	Cu		32	41	17
	802	ROSEIRES	50	2	35	02	2	0	—	7.9	33	41	18
	771	EL OBEID	340	7	30	03	2	7	CS	5.7	37	10	0
	760	EL FASHER	60	5	30	02	2	0	—		37	13	4
	770	GENEINA	70	12	30	02	0	2	Cu		27	4	-13
S. Sudan	840	MALAKAL	90	4	30	01	2	5	Cb, AC	7.9	32	46	19
	880	WAU	230	3	30	01	1	1	Cu	7.9	32	49	20
	941	JUBA	50	11	15	95	2	8	Cb, Ac	11.6	22	89	20

At 1800 on Sunday 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	20	5	15	00	0	0	—	17.0	21	83	18	0
SIDI BARANI	320	7	18	00	0	0	—	17.1	21	69	16	0
MATRUH	290	10	14	01	1	3	SC, Cu	17.6	21	74	16	0
EL DABA	320	2	7	01	1	2	Cu		22	65	15	0
ALEXANDRIA	360	11	35	00	0	0	—	17.0	21	74	16	0
FOUAD (Airport)	320	8	18	03	0	1	SC	16.9	20	78	16	0
DAMIETTA	320	5	7	01	0	0	—	16.4	21	83	18	0
PORT SA'ID	340	15	15	02	0	0	—	14.9	21	83	18	0
DAMANHUR	360	9	15	02	0	0	—	15.8	21	74	16	0
MANSURA	340	5		00	0	0	—	15.6	22	65	15	0
TANTA	00	0	35	02	1	0	—	16.7	22	57	13	0
ZAGAZIG	00	0	35	02	0	0	—	15.5	25	54	15	0
ISMA'ILIA	20	5	35	01	0	0	—	15.8	23	50	12	0
FAROUK (Airport)	340	9	12	00	0	0	—	15.9	26	42	12	0
ALMAZA	320	11	12	00	0	0	—	15.4	27	33	9	0
EZBEKIYA	10	4	12	00	0	0	—	15.6	24	47	12	0
GIZA	10	4	12	00	0	0	—	16.2	25	42	11	0
HELWAN												
FAIYUM	00	0	35	01	0	0	—	15.4	28	40	13	0
MINYA	360	4	8	00	0	0	—	13.7	25	42	11	0
ASYUT MANQABAD	280	4	12	00	0	0	—	14.0	28	31	9	0
NAG' HAMMADI	320	1	15	00	0	0	—	12.6	28	58	19	0
QENA	320	1	7	00	0	0	—		33	21	8	0
LUXOR												
ASWAN	360	3	15	00	0	0	—	10.7	32	20	6	0
SIWA	320	5	10	00	0	0	—	16.6	29	35	12	0
BAHARIYA	360	2	15	02	0	0	—	15.5	26	48	14	0
FARAFRA	360	2	15	02	0	0	—	16.3	25	28	5	0
DAKHLA	360	11	35	00	0	0	—	14.8	29	23	6	0
KHARGA	360	2	15	00	0	0	—	13.0	32	15	2	0
SUEZ	360	7	15	01	0	0	—	15.2	25	61	17	0
TOR	310	9	35	02	0	0	—	12.6	30	35	13	0
HURGHADA												
QUSEIR	20	5	15	02	0	0	—	11.0	28			0
PORT SUDAN	340	11	10	02	0	0	—	9.1	30	55	20	0
WADI HALFA	360	9	30	02	0	0	—	10.6	32	11	-2	0
ABU HAMAD	20	8	30	02	0	0	—		35	10	-1	0
KAREIMA	340	15	30	02	0	0	—	5.8	35	9	-3	0
'ATBARA	70	4	30	02	0	0	—	4.9	38	15	7	0
KHARTUM	00	0	30	01	0	0	—	5.8	35	13	3	0
KASSALA	00	0	30	03	2	6	AC	5.9	33	36	16	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	210	9	30	02	2	7	AC, CS	7.2	32	41	17	0
EL FASHER	80	3	30	03	0	4	AC		33	20	7	0
GENEINA	20	6	30	02	0	0	—		33	11	-1	0
MALAKAL	180	8	30	14	2	6	SC, Cu	10.7	26	70	20	0
WAU	00	0	30	13	2	8	Cb, CS	9.8	29	70	23	0
JUBA	00	0	30	02	9	8	AC	10.8	23	89	21	1

At 0600 on Monday 9th June, 1952

Station	Wind 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	2	15	00	0	0	—	17.2	+4.3	22	25	-4	16	-3	65	15	0	Rain	
SIDI BARANI	270	4	18	02	1	5	Cu	17.6		21	24		15		83	18	0	145	
MATRUH	290	8	30	03	1	3	Cu	17.9	+4.6	21	25		15		74	16	0	135	
EL DABA	320	2	15	01	1	3	Cu			22	24		14		65	15	0	214	
ALEXANDRIA	310	11	50	03	1	3	Cu	17.4	+4.2	21	25	-3	19	-1	74	16	0	166	186
FOUAD (Airport)	330	8	18	01	0	2	SC	17.1	+4.7	22	25	-3	18	-1	69	16	0	Rain	138
DAMIETTA	220	2	15	03	0	1	AC	16.2	+4.3	22	25	-3	16	-4	74	17	0	171	106
PORT SA'ID	320	3	15	01	1	2	Cu	16.0	+3.1	23	27	-1	20	-2	65	16	0	92	
DAMANHUR	40	5	15	02	1	1	Cu	17.1	+4.5	23	27	-5	16	-2	61	15	0	87	101
MANSURA	40	5	35	00	0	0	—	17.0	+5.0	23	31	-3	16	-2	61	15	0	62	55
TANTA	00	0	35	02	0	0	—	16.6	+4.0	22	30	-4	14	-3	57	13	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	17.1	+4.7	23	32	-2	16	-1	65	16	0	30	27
ISMA'ILIA	40	2	35	01	0	0	—	15.5		23			17		65	16	0		
FAROUK (Airport)	20	6	12	02	0	2	Cu	16.6		21	31		17		65	14	0	83	
ALMAZA	40	5	12	03	1	2	Cu	16.7	+4.4	21	31	-4	18	-2	65	14	0	71	
EZBEKIYA	00	0	12	00	0	1	Cu	16.4	+4.2	23	31	-4	18	-1	53	13	0	61	26
GIZA	00	0	12	00	0	1	Cu	16.2	+4.0	22	31	-3	15	-2	65	15	0	58	26
HELWAN																			29
FAIYUM	360	6	35	02	0	0	—	16.0	+4.0	22	34	-2	17	-2	65	15	0	23	8
MINYA	360	5	10	00	0	0	—	15.3	+3.2	22	35	-1	16	-3	74	17	0	5	
ASYUT MANQABAD	320	3	14	00	0	0	—	15.3	+4.3	26	35	-2	19	-2	48	14	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	14.4	+5.0	26	35	-2	18	-2	62	18	0	0.1	
QENA	360	1	35	00	0	0	—	10.4	+5.2	30	40	0	22	-1	35	13	0	2	
LUXOR	00	0	30	00	0	0	—	14.6	+5.4	31			20		28	10	0	dr.	
ASWAN	360	5	50	00	0	0	—	13.5	+4.2	29	37	-4	24	-1	29	9	0	dr.	
SIWA	00	0	14	00	0	0	—	18.7	+5.0	24	33	-4	16	-3	44	11	0	26	8
BAHARIYA	00	0	35	02	0	0	—	17.5	+4.7	23	32	-4	16	-3	38	8	0	1	7
FARAFRA	20	2	35	02	0	0	—	17.8		24	33		16		38	9	0	Rain	
DAKHLA	00	0	50	00	0	0	—	16.8	+5.5	28	35	-4	19	-3	27	7	0	dr.	
KHARGA	360	4	15	00	0	0	—	14.8	+4.9	28	37	-2	23	0	33	10	0	dr.	
SUEZ	360	7	35	00	0	0	—	16.2	+4.8	22	33	-1	17	-4	65	15	0	44	17
TOR	310	19	35	02	0	0	—	13.4	+4.4	25			24	-1	70	19	0	1	13
HURGHADA																			
QUSEIR	360	13	15	02	0	0	—	13.0	+4.1	28	30	-3	26	+1	62	20	0	dr.	4
PORT SUDAN	360	13	30	01	2	3	CS	10.2		33	37		25		41	18	0		97
WADI HALFA											39								
ABU HAMAD											41								
KAREIMA	30	15	30	02	0	0	—	8.2		33	41		28		10	-2	0		2
'ATBARA	40	5	30	02	0	0	—	8.7		32	43		28		15	2	0		7
KHARTUM	00	0	15	05	0	0	—	8.7		31	41		25		16	2	0		9
KASSALA	230	10	30	03	1	4	Ac, Cu	9.6		31	40		26		41	16	0		30
WAD MEDANI																			32
RENK	130	13	35	61	6	8	SC			23	38		23		84	20	2		109
ROSEIRES																			144
EL OBEID	220	10	30	03	0	5	AC	10.5		28	39		24		45	15	dr.		44
EL FASHER	00	0	30	02	2	7	CS			25	38		21		28	5	0		19
GENEINA	60	10	30	03	0	4	CS			26	39		21		13	-5	0		37
MALAKAL											33								231
WAU											33								413
JUBA	180	3	30	02	2	7	Cu, AC	14.1		23	27		20		94	22	1		504

HUMIDITY % Mean of day

STATION	8th	Diff. from normal
Alexandria	64	-8
Ezbekiya	47	-6
Giza	51	-1
Helwan		

GIZA GRASS MINIMUM TEMP ON 9th 13.9 °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					

AIRPORT — On ..... At .....

Pressure 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		Fouad A.P.		Port Said		Asyut		Siwa		Dakhla		Kharga		Hurghada		S. Bonani								Port Said	
Time	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	310	23	320	9	330	19	330	12	320	15	360	10	340	17	360	19	330	17							320	6
600	310	26	310	13	290	23	330	14	320	18	350	13	340	25	340	23	320	17							320	10
1000	330	10	310	13	280	22	320	18	340	20	350	18	360	26	340	30	310	17							210	9
1500	330	22	300	15	250	15	310	13	340	30	360	22					310	21							260	16
2000			310	15			310	13	330	30	360	17					300	21								
3000			310	17					350	10																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Aeroplane	
Time	8		8		8		2						8		8		8 30		8				10 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	320	7	310	3	340	4	300	4					330	11	330	17	320	10	10	19			10	10
600	320	10	300	4	340	6	300	7					340	8	320	15	330	7	10	26			360	15
1000	320	12	320	12	350	7	290	5					360	16	340	21	350	13	10	26			10	9
1500			310	16	310	9							350	13	350	16	340	5	350	24			350	13
2000					310	14							350	13	30	7	320	10	330	18			330	10
3000					300	14									350	9			310	9			320	9
4000																							330	20
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		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	130	7	10	12	20	11	360	19	30	19														
600	100	3	20	13	10	18	360	25	40	35														
1000	270	3			20	19	360	28	30	25									270	12				
1500	330	13	10	21	360	15	360	21	350	7									340	6				
2000	350	10	300	45	350	10													10	8				
3000	330	9																	60	9				
4000	330	13																						
5000	320	7																	120	12				
6000																								
7000																								
8000																								

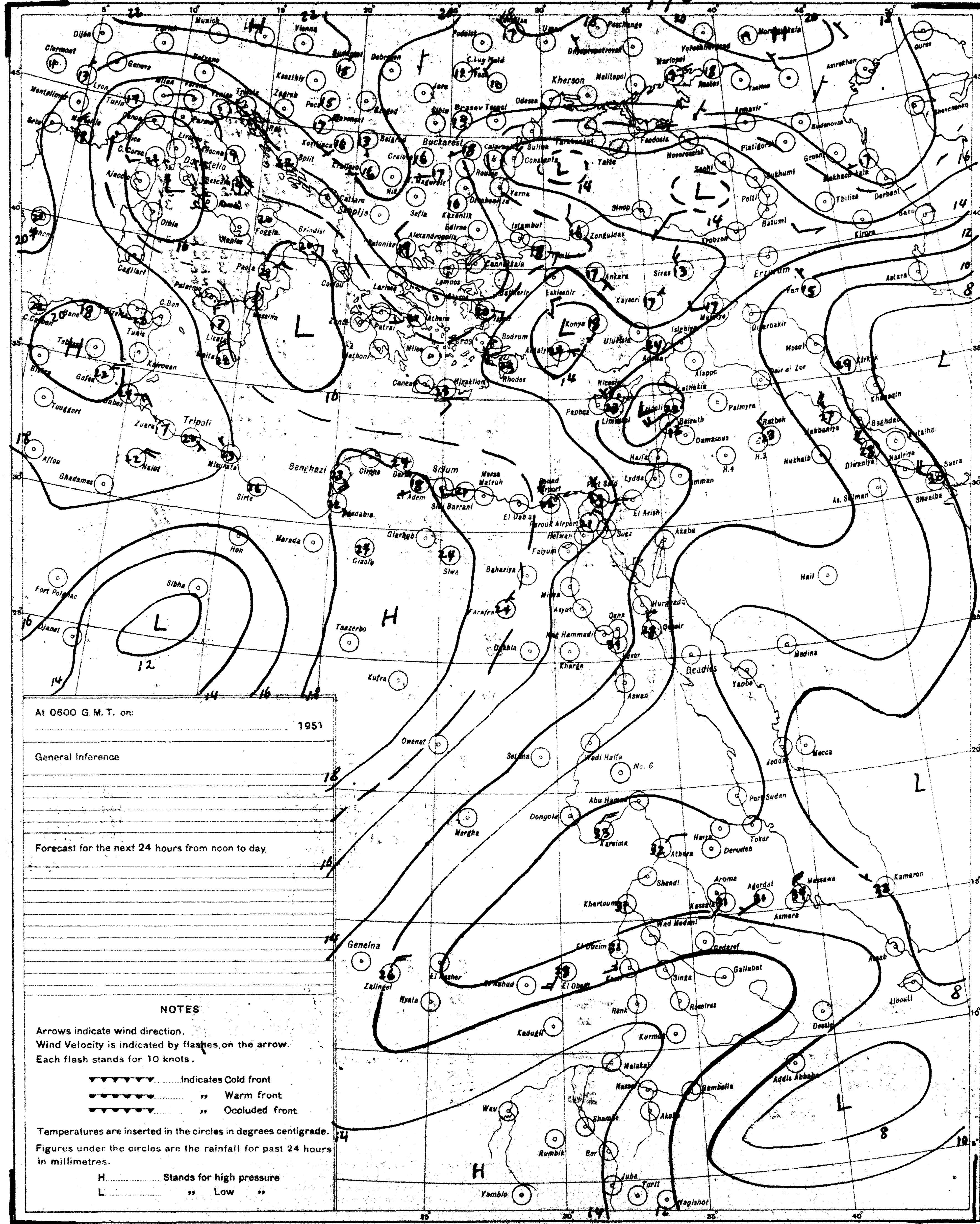
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 9/6 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Tuesday 10th June 1952

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	360	9	35	00	0	0	—	16.6	26	66	19
	303	SIDI BARANI	320	7	18	01	1	0	—	17.0	23	65	16
	306	MATRUH	330	10	30	02	0	0	—	17.9	23	69	17
	309	EL DABA	320	8	35	00	0	0	—		25	58	16
		ALEXANDRIA	310	13	50	00	0	0	—	17.8	24	61	16
	318	FOUAD (Airport)	320	12	18	02	1	1	SC	17.1	25	61	17
	330	DAMIETTA	320	5	35	00	0	0	—	16.7	24	54	14
	333	PORT SAID	10	9	30	02	0	0	—	15.5	24	61	16
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	5	15	02	0	0	—	15.9	28	45	15
	342	MANSURA	320	5	35	00	0	0	—	16.0	30	31	11
	348	TANTA	00	0	35	02	0	0	—	15.6	30	31	11
	354	ZAGAZIG	00	0	50	02	0	0	—	15.8	30	31	11
	441	ISMAILIA	20	2	35	02	0	0	—	15.0	31	28	10
Cairo Area	366	FAROUK (Airport)	320	7	18	00	0	0	—	15.0	30	25	8
	372	ALMAZA	360	8	18	00	0	0	—	15.1	29	33	11
		EZBEKIYA	10	5	30	00	0	0	—	15.2	30	29	10
		GIZA	10	5	30	00	0	0	—	14.9	30	31	11
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	—	15.8	30	21	5
	387	MINYA	360	10	10	00	0	0	—	14.5	32	24	9
	393	ASYUT Mangabad	320	11	30	00	0	0	—	14.0	32	14	1
	399	NAG' HAMMADI	320	2	35	00	0	0	—	12.7	34	32	15
	402	QENA	360	1	50	00	0	0	—	11.1	38	16	8
	405	LUXOR											
	414	ASWAN	340	8	50	00	0	0	—	10.0	37	18	9
Oases	417	SIWA	360	7	14	00	0	0	—	17.9	33	26	11
	420	BAHARIYA	360	2	35	02	0	0	—	15.8	31	38	15
	423	FARAFRA	270	3	35	02	0	0	—	14.1	33	21	8
	432	DAKHLA	340	11	50	00	0	0	—	14.2	34	14	3
	435	KHARGA	360	6	15	00	0	0	—	12.2	36	17	7
Red Sea	450	SUEZ	310	7	50	02	0	0	—	14.8	30	25	8
	459	TOR	310	13	50	02	0	0	—	12.7	28	58	19
	462	HURGHADA											
	465	QUSEIR	20	9	15	02	0	0	—	12.3	29	66	22
	641	PORT SUDAN	20	21	7	07	0	3	Ac, Ci	7.5	36	33	17
North Sudan	600	WADI HALFA	360	19	30	02	0	0	—	9.5	38	9	0
	640	ABU HAMAD	20	2	30	02	0	0	—		43	8	2
	660	KAREIMA											
	680	'ATBARA	120	2	30	02	0	0	—	4.7	43	12	7
	721	KHARTUM	240	6	15	05	0	0	—	4.9	41	7	-2
	730	KASSALA	340	3	30	01	1	1	Ci	4.9	39	21	13
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	230	17	30	02	2	8	Ac	8.3	32	38	16
	760	EL FASHER											
	770	GENEINA											
South Sudan	840	MALAKAL	00	0	30	02	6	7	Ci, Ac	10.6	30	55	20
	880	WAU	130	8	30	02	2	7	Ac	8.8	32	49	20
	941	JUBA	20	4	50	01	2	6	Ci, Ac	9.7	30	62	22

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	70	2	15	00	0	0	—	16.3	22	74	17	0
SIDI BARANI	20	2	18	00	0	0	—	16.1	21	78	17	0
MATRUH	320	5	18	03	0	6	Sc	17.1	21	83	18	0
EL DABA	00	0	7	02	1	4	Cb		21	83	18	0
ALEXANDRIA	360	10	35	00	0	0	—	16.7	21	83	18	0
FOUAD (Airport)	360	6	12	02	0	0	—	16.5	20	83	17	0
DAMIETTA	320	2		02	0	1	Cu	16.4	21	74	16	0
PORT SAID	360	12	14	02	0	0	—	14.6	22			0
EL 'ARISH												
DAMANHUR	360	5	15	02	0	0	—	15.9	21	74	16	0
MANSURA	320	5		00	0	0	—	16.0	23	50	12	0
TANTA	00	0	35	02	0	0	—	16.3	22	50	11	0
ZAGAZIG	00	0	35	02	0	0	—	15.5	24	47	12	0
ISMAILIA	20	5	35	02	0	0	—	15.2	23	50	12	0
FAROUK (Airport)	20	14	13	00	0	0	—	15.1	26	30	7	0
ALMAZA	360	12	12	00	0	0	—	14.7	28	27	7	0
EZBEKIYA	30	6	12	00	0	0	—	14.6	28	29	8	0
GIZA	30	6	12	00	0	0	—	13.0	26	36	7	0
HELWAN												
FAIYUM												
MINYA	10	4	8	00	0	0	—	13.7	23	44	10	0
ASYUT Mangabad	320	4	12	00	0	0	—	12.7	27	17	0	0
NAG' HAMMADI												
QENA	00	0	7	00	0	0	—	10.3	30	21	5	0
LUXOR												
ASWAN												
SIWA	270	4	10	00	0	0	—	16.4	29	33	11	0
BAHARIYA	00	0	15	02	0	0	—	15.6	27	42	13	0
FARAFRA	360	2	15	02	0	0	—	15.9	26	25	4	0
DAKHLA	340	11	50	00	0	0	—	11.2	30	21	5	0
KHARGA	360	4	15	00	0	0	—	13.8	30	11	-4	0
SUEZ	360	5	15	02	0	0	—	14.6	25	42	11	0
TOR	310	9	35	02	0	0	—	11.4				0
HURGHADA	320	11	12	02	0	0	—	11.3	27	52	16	0
QUSEIR	20	5	15	02	0	0	—	11.0	26	70	20	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Tuesday 10th June 1952

Station	Wind 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	290	2	15	00	0	0	—	15.1	+2.3	25	27	-2	18	-1	42	11	0	Rain	
SIDI BARANI	330	3	15	00	0	0	—	15.3		22	24		16		69	16	0	115	
MATRUH	250	3	18	03	0	7	Sc	15.8	+2.6	21	24		13		78	17	0	135	
EL DABA	00	0	15	00	0	0	—			24	25		14		69	18	0	214	
ALEXANDRIA	00	0	50	00	0	0	—	15.8	+2.7	22	25	-3	19	-1	74	17	0	166	186
FOUAD (Airport)	320	6	18	01	0	0	—	15.2	+2.8	19	25	-2	17	-3	83	16	0	Rain	138
DAMIETTA	220	2	7	01	1	1	Cu	15.5	+3.7	24	25	-3	16	-4	69	18	0	171	106
PORT SAID	270	2	14	01	1	2	Sc	14.9	+2.7	23	25	-3	20	-2	65	16	0	92	
EL 'ARISH																			
DAMANHUR	270	5	7	02	0	0	—	15.5	+3.0	23	29	-3	16	-2	61	15	0	87	101
MANSURA	270	3	35	00	0	0	—	15.1	+2.9	23	32	-2	15	-3	65	16	0	62	55
TANTA	00	0	35	02	0	0	—	15.1	+2.5	23	31	-3	14	-3	65	16	0	65	44
ZAGAZIG	00	0	35	02	1	3	Cu	15.8	+3.4	22	33	-1	15	-2	74	17	0	30	27
ISMAILIA	40	2	35	02	1	4	Ac	15.2		23	31		17		65	16	0		
FAROUK (Airport)	20	8	14	01	0	1	Cu	15.4		21	31		17		74	16	0	83	
ALMAZA	40	7	12	00	0	0	—	15.3	+3.1	21	31	-4	17	-3	74	16	0	71	
EZBEKIYA	20	5	12	00	0	0	—	15.1	+2.9	22	31	-4	18	-1	57	13	0	61	26
GIZA	20	5	12	00	0	0	—	15.2	+3.1	22	31	-4	16	-1	65	15	0	58	26
HELWAN																			29
FAIYUM	360	6	35	02	0	0	—	15.2	+3.3	23			17	-2	50	12	0	23	8
MINYA	360	11	10	00	0	0	—	14.0	+1.9	22	32	-4	16	-3	57	13	0	5	
ASYUT Mangabad	310	5	14	00	0	0	—	14.2	+3.3	24	34	-3	18	-3			0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	13.4	+4.0	25			15	-5	61	17	0	0.1	
QENA	320	1	35	00	0	0	—	12.6	+3.4	26	40	0	21	-2	25	4	0	2	
LUXOR																			
ASWAN	360	4	50	00	0	0	—	11.8	+2.6	27			21	-5	27	6	0	tr.	
SIWA	100	3	14	00	0	0	—	17.0	+3.3	26	34	-3	18	-1	37	10	0	26	8
BAHARIYA	20	3	35	02	0	0	—	16.3	+3.6	23	33	-3	16	-3	44	10	0	1	7
FARAFRA	360	3	35	02	0	0	—	16.3		25	34		18		28	5	0	Rain	
DAKHLA	320	5	50	00	0	0	—	15.5	+4.3	26	35	-4	21	-1	30	7	0	tr.	
KHARGA	00	0	15	00	0	0	—	13.8	+3.9	27	35	-4	19	-4	33	9	9	tr.	
SUEZ	310	5	35	00	0	1	Cu	15.8	+4.5	22	32	-3	16	-5	65	15	0	44	17
TOR	290	13	35	02	0	0	—	13.3	+4.0	26			23	0	42	12	0	1	13
HURGHADA	330	22	30	02	0	0	—	11.5	+2.4	26	28	-2	21	-2	51	15	0	Rain	
QUSEIR	360	9	15	02	0	0	—	11.0	+2.2	28	30	-3	23	-2	45	15	0	tr.	4
PORT SUDAN	310	3	30	03	0	1	Cu	9.1		31	38		25		59	22	0		17
WADI HALFA	360	13	30	02	0	0	—	12.2		27	40		20		14	-3	0		
ABU HAMAD	360	10	30	02	0	0	—			33	43		30		11	-1	0		
KAREIMA	20	10	50	02	0	0	—	8.3		34	43		28		12	1	0		2
'ATBARA	90	8	30	02	0	0	—	7.8		33	43		29		12	0	0		7
KHARTUM	180	16	30	02	0	1	Ci	8.6		33	42		28		38	17	0		9
KASSALA	180	5	30	02	0	0	—	9.9		29	41		28		49	17	0		30
WAD MEDANI																			33
RENK																			112
ROSEIRES	230	2	35	02	0	3	Ci	11.4		27	35		23		66	20	10		147
EL OBEID	210	9	30			1	Ci	10.6		27	35		21		55	17	0		45
EL FASHER	40	1	30	02	1	0	—			27	38		23		55	17	0		20
GENEINA	90	4	30	01	1	1	Ac			25	38		22		24	3	0		39
MALAKAL																			235
WAU																			418
JUBA	180	3	30	02	0	1	Cu, Ci	12.1		25	30		21		83	22	0		509

HUMIDITY %

Mean of day

Station	9th	Diff. from normal
Alexandria	72	0
Ezbekiya	40	-13
Giza	47	-5
Helwan		

GIZA

GRASS MINIMUM TEMP. ON 10th 14.8 °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 9th

Height m.	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.	Dakhla Dir.	Dakhla Vel.	S. Barani Dir.	S. Barani Vel.	Dir.	Vel.	Dir.	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	340	15	350	7	350	20	330	23	310	3	360	22	10	14	340	12									340	9	360	21
600	320	10	300	13	350	26	340	19	300	4	360	27	360	20	330	13									320	9	360	21
1000	320	9	330	9	340	27	350	19	320	4	360	22	360	31	320	17									310	7	360	20
1500	320	17	300	13	340	25	350	18	350	6			360	16	320	17									320	5	20	13
2000	300	12	280	13			350	8	350	8			360	11	320	13												
3000	290	17					330	10	340	14			340	8														
4000									340	13																		
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 10th

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.	Wadi Halfa Dir.	Wadi Halfa Vel.
Time	8		4		8		2						2		8				8		8	
300	320	6			20	3	340	3					350	7	340	11			350	15	360	25
600	290	4	350	11	30	4	340	3					350	7	340	10			350	16	340	28
1000	280	5	330	17	10	4	340	7					350	8	360	17			340	7	320	23
1500	280	16	330	17	320	13	330	14					20	6	340	17			330	10	290	27
2000	280	16	320	23	300	12	340	13							320	9			310	2		
3000	280	18			300	36									310	13						
4000					290	27																
5000					290	31																
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		3										5				5	
300	150	9			350	10	10	16	340	5														
600	170	4			10	10	10	32	360	27													110	19
1000	280	8			20	23	360	38	20	23									340	13			110	15
1500	290	10			20	14			20	7									310	9			160	14
2000	340	10			360	13			280	11									350	11				
3000	320	17							260	15									100	17			60	13
4000	300	23																	90	25				
5000	300	19																	90	29				
6000																			120	25				
7000																								
8000																								

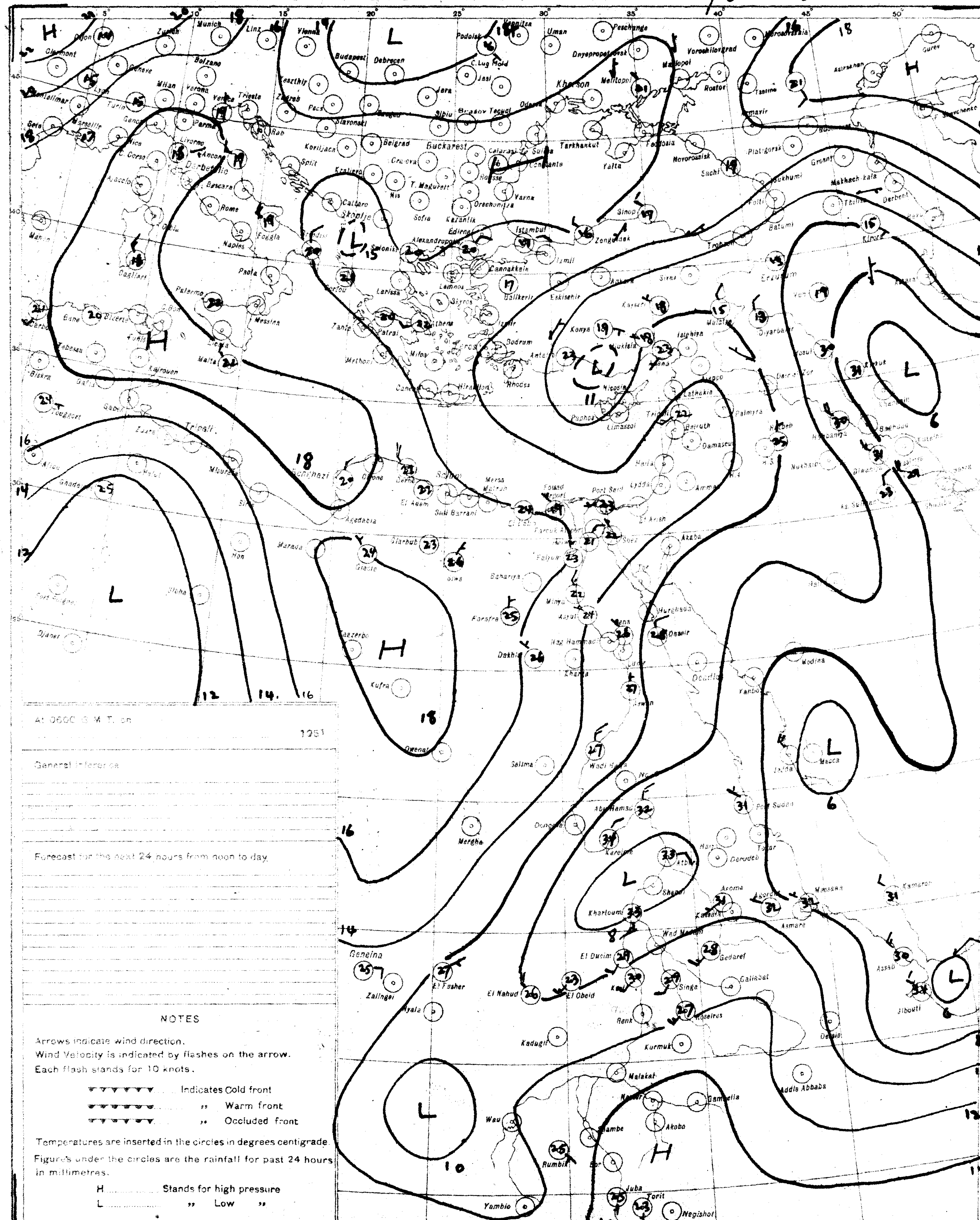
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 10/6 1952



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 3 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 56 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 11th June, 1952

At 1200 on Tuesday 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	SALŪM	360	13	35	03	1	3	Ci	14.7	25	45	12
	303	SÎDI BARÂNI	330	7	30	03	0	1	Ci	14.8	24	57	15
	306	MATRÛH	320	8	30	02	0	0	—	15.6	23	74	18
	309	EL DABA											
		ALEXANDRIA	360	15	50	00	0	0	—	14.8	24	61	16
	318	FOUAD (Airport)	320	12	18	02	0	0	—	14.5	25	58	16
	330	DAMIETTA	320	5	35	00	0	0	—	13.1	26	61	17
	333	PORT SAÏD	350	9	30	01	0	0	—	12.7	24	69	18
	336	EL 'ARISH	350	8	30	00	0	0	—	12.8	24	61	16
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	14.3	30	40	15
	342	MANSURA	270	5	35	00	0	0	—	13.5	31	38	15
	348	TANTA	130	2	35	02	0	0	—	13.5	32	41	17
	354	ZAGAZIG	00	0	50	02	0	0	—	1	30	35	13
	441	ISMAÏLIA	320	2	35	01	0	0	—	12.7	33	30	13
Cairo Area	366	FAROUK (Airport)	340	10	30	00	0	0	—	13.0	31	22	7
	372	ALMAZA	40	11	30	00	0	0	—	12.5	30	22	6
		EZBEKIYA	50	5	18	00	0	0	—	12.4	31	22	7
		GÎZA	50	5	18	00	0	0	—	13.0	32	24	9
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	12.8	32	15	2
	387	MINYA	350	13	10	00	0	0	—	11.1	34	20	8
	393	ASYÛT MANQABÂD	310	12	30	00	0	0	—	11.5	34	10	-2
	399	NAG' HAMMÂDI	220	2	35	00	0	0	—	11.5	36	37	19
	402	QENA	320	1	50	00	0	0	—	9.5	40	19	12
	405	LUXOR											
	414	ASWÂN	340	2	50	00	0	0	—	8.6	38	16	8
Oases	417	SÎWA	290	9	14	00	0	0	—	15.1	35	18	7
	420	BAHARÎYA	360	3	35	02	0	0	—	13.6	34	36	17
	423	FARAFRA	360	4	35	02	0	0	—	14.6	35	15	5
	432	DAKHLA	340	11	50	00	0	0	—	12.8	35	23	11
	435	KHARGA	360	9	15	00	0	0	—	11.5	36	17	7
Red Sea	450	SUEZ	360	6	50	01	0	0	—	12.8	30	25	8
	459	TÛR	310	13	35	02	0	0	—	10.2	27	62	19
	462	HURGHADA	10	16	30	02	0	0	—	9.4	27	55	17
	465	QUSEIR	20	13	15	02	0	0	—	6.4	28	62	20
	641	PORT SÛDÂN	210	18	10	05	0	0	—	6.1	35	44	21
North Sudan	600	WÂDI HALFA	360	13	50	02	0	0	—	8.7	37	7	-5
	640	ABU HAMAD	140	2	30	02	0	0	—		44	11	7
	660	KAREIMA	20	8	30	02	0	0	—	4.3	44	10	5
	680	'ATBARA	110	4	30	02	0	0	—	3.4	43	9	3
	721	KHARTÛM	80	4	30	02	0	0	—	4.2	40	17	11
	730	KASSALA	230	1	30	02	0	0	—	4.4	39	23	14
Central Sudan	751	WÂD MEDANI	230	9	35	02	1	0	—	4.1	39	23	14
	801	RENK	180	9	35	02	2	4	AC		35	47	22
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	130	7	30	02	0	0	—				
	770	GENEINA											
S. Sudan	840	MALAKÂL	160	6	30	02	2	5	Cu, AC	7.3	36	31	16
	880	WÂU											
	941	JUBA											

At 1800 on Tuesday 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	SALŪM	340	9	15	00	0	1	Ci	13.8	22	65	15	0
303	SÎDI BARÂNI	350	9	18	01	1	1	Ci	13.7	21	69	15	0
306	MATRÛH	30	6	14	02	1	8	Ci	14.0	21	83	18	0
309	EL DABA	00	0	7	05	8	2	Cu		22	83	19	0
	ALEXANDRIA	40	11	35	01	1	2	AC	14.6	21	83	18	0
318	FOUAD (Airport)	360	5	18	02	1	3	Ci	14.5	21	83	18	0
330	DAMIETTA	320	5		02	0	1	Cu	12.6	22	74	17	0
333	PORT SAÏD	350	13	15	02	0	0	—	12.7	23	69	17	0
339	DAMANHUR	40	5	15	02	0	0	—	14.6	23	61	15	0
342	MANSURA	360	5		00	0	0	—	13.5	24	54	14	0
348	TANTA	00	0	35	02	0	0	—	13.1	25	47	13	0
354	ZAGAZIG	00	0	35	02	0	0	—	13.3	25	47	13	0
441	ISMAÏLIA	20	5	35	02	0	0	—	12.6	24	54	14	0
366	FAROUK (Airport)	20	14	12	00	0	0	—	12.2	28	37	12	0
372	ALMAZA	40	15	12	00	0	0	—	12.3	29	35	12	0
	EZBEKIYA	20	5	12	00	0	0	—	12.0	25	42	11	0
	GÎZA	20	5	12	00	0	0	—	12.3	29	35	12	0
378	HELWÂN												
381	FAIYÛM	00	0	35	02	0	0	—	11.0	30	31	11	0
387	MINYA	20	3	8	00	0	0	—	11.2	25	42	11	0
393	ASYÛT MANQABÂD	310	4	14	00	0	0	—	11.1	27	23	4	0
399	NAG' HAMMÂDI	270	1	15	00	0	0	—	9.9	28	33	10	0
402	QENA	00	0	7	00	0	0	—	9.1	32	20	6	0
405	LUXOR												
414	ASWÂN												
417	SÎWA	00	0	10	00	0	0	—	14.3	30	35	13	0
420	BAHARÎYA	00	0	15	02	0	0	—	13.4	28	45	15	0
423	FARAFRA	360	2	15	02	0	0	—	14.3	28	27	7	0
432	DAKHLA	340	11	50	00	0	0	—	11.8	32	10	-3	0
435	KHARGA	360	4	15	00	0	0	—	13.1	32	15	2	0
450	SUEZ	360	8	15	02	0	0	—	13.1	26	42	12	0
459	TÛR	270	19	35	02	0	0	—	8.8	26	62	18	0
462	HURGHADA	320	17	30	02	0	0	—	8.0	28	42	14	0
465	QUSEIR	360	9	15	02	0	0	—	7.8	28	40	13	0
641	PORT SÛDÂN												
600	WÂDI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTÛM												
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER												
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Wednesday 11th June, 1952

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	320	13	15	03	1	6	Cu, SC	14.3	+1.5	22	27	-2	19	0	65	15	0	Rain	
303	SÎDI BARÂNI	330	9	15	02	1	3	Cu	13.8		22	25		20		78	18	0	115	
306	MATRÛH	290	15	30	01	1	5	SC	13.7	+0.5	23	24		17		61	15	0	135	
309	EL DABA	320	11	15	03	2	3	SC, Cu			22			18		74	17	0	214	
	ALEXANDRIA	360	12	50	03	2	4	Cu	13.0	-0.1	22	26	-2	19	-1	74	17	0	166	186
318	FOUAD (Airport)	000	9	18	03	1	6	Cu	12.8	+0.4	23	25	-3	17	-3	78	18	0	Rain	138
330	DAMIETTA	320	5	7	02	1	1	Cu	13.3	+1.6	23	26	-2	17	-3	74	18	0	171	106
333	PORT SAÏD	270	9	15	03	0	1	SC	11.2	-0.9	24	25	-3	20	-2	69	18	0	92	
336	EL 'ARISH	00	0	30	00	0	0	—	11.3	-0.6	24			17		61	16	0	101	
339	DAMANHUR	310	13	15	02	1	3	Cu	13.2	+0.8	22	31	-1	16	-2	65	15	0	87	101
342	MANSURA	320	3	35	00	0	0	—	13.0	+0.9	23	32	-2	16	-2	65	16	0	62	55
348	TANTA	270	2	35	02	0	0	—	13.0	+0.5	22	32	-2	15	-2	74	17	0	65	44
354	ZAGAZIG	00	0	35	02	0	0	—	12.3	0.0	23	34	0	16	-1	74	18	0	30	27
441	ISMAÏLIA	200	2	35	01	0	0	—	12.6		27	33		17		55	17	0		
366	FAROUK (Airport)	20	4	14	00	0	0	—	12.1		24	32		18		54	14	0	83	
372	ALMAZA	360	2	12	00	0	0	—	12.1	-0.1	24	33	0	19	-1	54	14	0	71	
	EZBEKIYA	20	3	12	00	0	0	—	13.1	+1.0	25	32	-3	19	0	45	12	0	61	26
	GÎZA	20	3	12	00	0	0	—	12.0	-0.1	25	32	-3	16	-1	54	15	0	58	26
378	HELWÂN																			29
381	FAIYÛM	360	4	35	02	0	0	—	12.7	+0.9	23	34	-2	18	-1	50	12	0	23	8
387	MINYA	00	0	8	00	0	0	—	11.4	-0.7	26	34	-2	16	-3	55	16	0	5	
393	ASYÛT MANQABÂD	310	1	12	00	0	0	—	11.8	+0.3	27	34	-3	20	-1	37	11	0	3	
399	NAG' HAMMÂDI	00	0	13	00	0	0	—	11.5	+2.2	26	36	-2	18	-2	62	18	0	0.1	
402	QENA	270	1	35	00	0	0	—	10.4	+1.3	27	42	+2	21	-2	33	9	0	2	
405	LUXOR																			
414	ASWÂN	360	10	15	00	0	0	—	10.3	+1.1	29			23	-3	23	6	0	dr.	
417	SÎWA	40	7	14	00	0	0	—	15.2	+1.5	23	37	0	20	+1	61	15	0	26	8
420	BAHARÎYA	360	2	35	02	0	0	—	13.3	+0.6	27	35	-1	18	-1	37	11	0	1	7
423	FARAFRA	220	1	35	02	0	0	—	13.3		27	36		17		33	9	0	Rain	
432	DAKHLA	160	4	50	00	0	0	—	13.0	+1.8	29	36	-3	20	-2	29	9	0	dr.	
435	KHARGA	360	2	15	00	0	0	—	12.2	+2.4	28	37	-2	24	+1	40	13	0	dr.	
450	SUEZ	360	3	35	00	0	0	—	13.0	+0.7	25	32	-3	17	-4	47	13	0	44	17
459	TÛR	310	19	35	02	0	0	—	8.6	-0.3	26			23	0	70	20	0	1	13
462	HURGHADA	320	11	30	02	0	0	—	9.0	0.0	27	28	-2	23	0			0	Rain	
465	QUSEIR	360	13	15	02	0	0	—	10.3	+1.6	28	30	-3	25	-1	58	19	0	dr.	4
641	PORT SÛDÂN	360	5	30	02	0	0	—	7.6		31	37		24		49	19	0		97
600	WÂDI HALFA	360	11	50	02	0	0	—	10.1		28	40		21		16	0	0		
640	ABU HAMAD	20	10	30	02	0	0	—			33	45		28		8	-5	0		
660	KAREIMA	40	11	30	02	0	0	—	7.6		32	45		28		11	-2	0		2
680	'ATBARA	350	12	10	07	0	0	—	5.3		34	45		29		12	1	0		7
721	KHARTÛM	10	8	30	01	0	0	—	5.8		33	41		29		13	1	0		10
730	KASSALA	180	4	30	01	0	0	—	6.4		33	41		24		36	16	0		31
751	WÂD MEDANI																			34
801	RENK	230	9	35	02	0	2	Ci			31	37		20		49	19	0		115
802	ROSEIRES	230	2	35	02	1	7	AC	8.8		30	36		25		49	18	0		151
771	EL OBEID	270	14	30	02	0	0	—	7.7		31	40		24		41	16	0		46
760	EL FÂSHER	100	2	15	01	0	0	—			29	39		21		37	13	0		20
770	GENEINA	40	9	30	03	0	1	CS			28	39		23		14	-2	0		41
840	MALAKÂL	220	2	30	03	2	7	AC	9.4		28	37		24		66	20	0		239
880	WÂU	00	0	30	02	0	0	—	9.8		26	34		23		79	22	0		423
941	JUBA																			514

HUMIDITY %

Mean of day

STATION	on 10th	Diff. from normal
Alexandria	77	+5
Ezbekiya	46	-7
Giza	47	-5
Helwân		

GÎZA

GRASS MINIMUM TEMP. ON 11th 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.	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 10th

Station	Fouad A.P.		Minya		Asyut		Kharga		Port Said		S. Barani												Fouad A.P.				Minya	
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	330	12	340	9	320	28	10	17	340	10	360	13											310	13			10	19
600	300	7	350	6	330	28	360	21	320	14	320	10											320	6			360	22
1000	310	12	10	7	330	19	360	24	310	19	280	14											320	8			360	18
1500	320	17	330	10	350	18	360	17	320	17	260	23															290	14
2000			20	3	340	21			280	23	260	19																
3000											260	22																
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 11th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	3		4		2		2		6				2		8		8 30		8		8		10 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	330	17	310	14	270	9	230	4	220	7			50	10	20	5	330	10	350	13	20	10	290	8
600	320	17	300	17	310	12	330	3	210	3			20	16	350	6	330	8	10	23	20	12	310	10
1000	310	17	300	15	300	10	330	4	250	3			360	15	350	8	330	4	20	11	360	10	280	8
1500	290	18					280	17	290	13			330	9	360	22	320	10	20	16	340	14	290	13
2000									310	18					350	18	320	17	80	11			290	16
3000															300	17	320	17					280	10
4000																							290	19
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	
Height m.	Dir.	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	16	330	12	80	4	10	17	20	17														
600	10	16	330	13	90	4	10	22	20	29													250	12
1000	10	12	310	25	40	5	10	22	20	27									250	25			200	13
1500	340	23	310	38	360	17	10	16	10	15									250	14			200	15
2000	320	14	310	29																				
3000	330	16							260	9													50	17
4000	310	16																						
5000	290	10																						
6000	310	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.

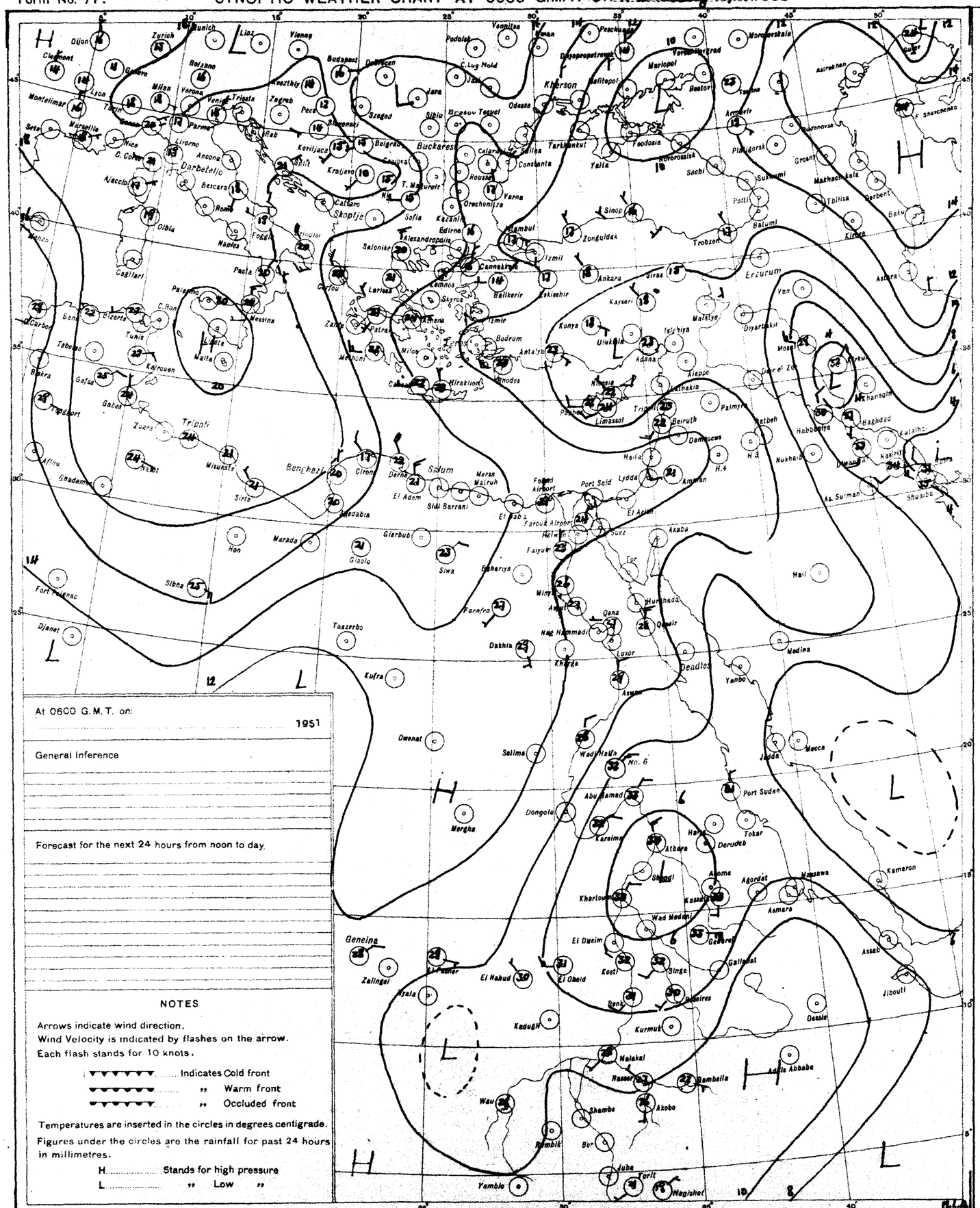
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 11/6/1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 12th June, 1952

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	Rain Past 12 hrs mms
Mediterranean	62300	SALUM	340	9	35	00	0	1	Cu	13.4	28	40	13	
	303	SIDI BARANI	320	16	18	02	1	3	Cu	13.1	24	65	17	
	306	MATRUH	310	18	30	01	0	3	Cu	13.5	24	65	17	
	309	EL DABA												
		ALEXANDRIA	310	16	50	01	2	3	AC	12.4	24	61	16	
	318	FOUAD (Airport)	300	11	18	02	1	3	SC	12.3	25	61	17	
	330	DAMIETTA	320	5	35	00	0	0	—	12.2	25	74	20	
	333	PORT SAID	360	13	18	02	0	0	—	10.9	25	70	19	
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	11.9	27	62	19	
	342	MANSURA	340	5	35	00	0	0	—	11.1	31	38	15	
	348	TANTA	00	0	35	02	0	0	—	11.2	31	43	17	
	354	ZAGAZIG	00	0	50	02	0	0	—	11.1	31	38	15	
	441	ISMAILIA	290	5	35	02	0	0	—	10.2	32	24	9	
Cairo Area	366	FAROUK (Airport)	280	9	18	00	0	0	—	11.9	31	33	13	
	372	ALMAZA	320	9	30	00	0	0	—	10.9	31	31	12	
		EZBEKIYA	00	0	30	00	0	0	—	10.4	32	30	12	
		GIZA	00	0	30	00	0	0	—	11.9	33	30	13	
	378	HELWAN												
Upper Egypt	381	FAIYUM	360	4	35	02	0	0	—	11.5	34	22	9	
	387	MINYA	10	7	10	00	0	0	—	9.5	35	23	11	
	393	ASYUT MANGABAD	350	12	30	00	0	0	—	9.4	36	15	6	
	399	NAG' HAMMADI	320	2	35	00	0	0	—	9.0	37	35	19	
	402	QENA	270	1	50	00	0	0	—	7.2	41	14	8	
	405	LUXOR												
	414	ASWAN												
Oases	417	SIWA												
	420	BAHARIYA	270	2	35	02	0	0	—	11.5	35	29	14	
	423	FARAFRA	270	4				0	—	11.4	38	16	8	
	432	DAKHLA	20	5	50	00	0	0	—	10.3	37	14	6	
	435	KHARGA	340	7	35	00	0	0	—	9.8	38	16	8	
Red Sea	450	SUEZ	360	8	50	02	0	0	—	10.0	31	28	10	
	459	TOR	310	19	50	02	0	0	—	8.2	31	52	20	
	462	HURGHADA	30	10	30	02	0	0	—	7.7	28	62	20	
	465	QUSEIR	20	9	15	02	0	0	—		30	59	21	
	641	PORT SUDAN	140	10	30	02	0	0	—	6.3	34	36	17	
North Sudan	600	WADI HALFA	350	18	30	02	0	0	—		39	8	-1	
	640	ABU HAMAD	360	2	30	02	0	0	—		44	7	1	
	660	KAREIMA	340	8	30	02	0	0	—	3.4	43	5	-6	
	680	ATBARA	320	4	30	02	0	0	—	2.0	43	8	2	
	721	KHARTUM	320	12	30	03	0	3	Cu	2.1	43	11	6	
	730	KASSALA	50	1	30	02	0	0	—	1.2	43	12	7	
Central Sudan	751	WAD MEDANI	230	9	35	02	0	0	—	2.0	40	17	11	
	801	RENK												
	802	ROSEIRES	270	3	35	04	0	6					16	
	771	EL OBEID	190	1				7	Cu, AC	8.5	39	16	9	
	760	EL FASHER												
	770	GENEINA												
S. Sudan	840	MALAKAL	180	10	30	03	2	8	Cu, AC	6.9	35	32	16	
	880	WAU	160	6	30	03	0	3	Cu, AC	6.8	35	27	13	
	941	JUBA	90	2	30	03	1	5	Cb, AC	7.7	33	53	22	

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	320	9	15	00	1	1	Cu	14.0	22	74	17	0
SIDI BARANI	320	16	18	03	1	6	Cu	13.6	22	69	16	0
MATRUH	70	14	12	03	1	4		13.6	21	83	18	0
EL DABA												
ALEXANDRIA	330	9	7	03	2	6	Sc, Cu		22	74	17	0
FOUAD (Airport)	310	15	35	02	2	4	AC	12.8	22	74	17	0
DAMIETTA	320	5	7	03	0	1	Cu	12.6	22	83	19	0
PORT SAID	330	15	14	02	0	0	—	10.1	23	74	18	0
EL 'ARISH												
DAMANHUR	40	9	15	02	1	1	Cu	12.2	22	65	15	0
MANSURA	360	5		00	0	0	—	11.8	23	65	16	0
TANTA	00	3	35	02	0	0	—	12.6	22	57	13	0
ZAGAZIG	320	2	35	02	0	0	—	11.0	25	61	17	0
ISMAILIA	360	5	35	02	0	0	—	11.4	24	69	18	0
FAROUK (Airport)												
ALMAZA	360	12	12	00	0	0	—	11.4	21	61	13	0
EZBEKIYA	20	5	12	00	0	0	—	11.2	25	54	15	0
GIZA	20	5	12	00	0	0	—	11.8	26	42	12	0
HELWAN												
FAIYUM	00	0	35	02	0	0	—	10.4	30	31	11	0
MINYA	00	0	8	00	0	0	—		28	35	11	0
ASYUT MANGABAD	300	3	12	00	0	0	—	9.1	30	27	9	0
NAG' HAMMADI	270	1	35	00	0	0	—	8.6	28	58	19	0
QENA	320	1	7	00	0	0	—	7.5	34	18	6	0
LUXOR												
ASWAN	360	3	15	00	0	1	—	7.6	35	19	8	0
SIWA	320	5	10	00	0	0	—	13.2	30	29	10	0
BAHARIYA	360	3	15	02	0	0	—	11.5	29	40	14	0
FARAFRA	340	4	15	02	0	0	—	11.4	29	35	12	0
DAKHLA	340	11	35	00	0	0	—	11.8	31	17	3	0
KHARGA	360	2	15	00	0	0	—	12.6	33	16	4	0
SUEZ	360	9	15	02	0	0	—	11.1	27	52	16	0
TOR	310	9	35	02	0	0	—	7.8	27	70	21	0
HURGHADA	320	14	12	02	0	0	—	7.4	28	55	18	0
QUSEIR	20	5	15	02	0	0	—	7.5	28	48	15	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Thursday 12th June, 1952

Station	Wind 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	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	340	9	15	03	1	4	Sc	15.2	+2.5	22	29	0	19	0	74	17	0	Rain	
SIDI BARANI	330	11	18	02	1	4	Cu	14.8		22	25		20		74	17	0	115	
MATRUH											25								
EL DABA	320	6	15	03	2	6	Sc, Cu			22	24		19		83	19	0	214	
ALEXANDRIA											28	0							186
FOUAD (Airport)																			138
DAMIETTA	250	5	7	03	1	2	Cu	13.0	+1.3	23	26?	-2	18	-2	61	15	0	171	106
PORT SAID	260	9	10	02	1	5	Sc	12.3	+0.3	23	29?	+1	20	-2	78	19	0	92	
EL 'ARISH																			
DAMANHUR	40	9	15	02	1	1	Cu	13.2	+0.9	23	28	-4	18	0	61	15	0	87	101
MANSURA	360	3	35	00	0	0	—	13.0	+1.0	24	32	-2	18	0	69	18	0	62	55
TANTA	310	2	35	02	0	0	—	12.7	+0.3	22	32	-2	16	-1	57	17	0	65	44
ZAGAZIG	00	0	35	02	1	6	Cu	12.3	+0.1	22	33	-1	17	0	83	19	0	30	27
ISMAILIA	270	2	35	02	1	5	AC	12.7		24	33		18		61	16	0		
FAROUK (Airport)																			
ALMAZA	360	6	12	02	2	5	SC	13.8	+1.6	21	34	-1	14	-1	83	18	0	71	
EZBEKIYA	10	3	12	01	2	4	Cu	13.5	+1.5	22	33	-2	19	0	53	12	0	61	26
GIZA	10	3	12	01	2	4	Cu	13.3	+1.3	23	33	-2	17	0	65	16	0	58	26
HELWAN																			29
FAIYUM	360	6	35	03	1	3	Cu, Sc	13.6	+1.9	23	35	-1	18	-1	65	16	0	23	8
MINYA	360	11	10	00	0	0	—	12.2	+0.2	22	36	0	19	0	69	16	0	5	
ASYUT MANGABAD	320	7	12	00	0	0	—	12.4	+1.6	23	37	0	20	-1	57	14	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	11.5	+2.3	26	37	-1	20	0	62	18	0	0.1	
QENA	270	1	35	00	0	0	—	10.2	+1.2	27	42	+2	21	-2	42	13	0	2	
LUXOR																			
ASWAN	360	2	50	00	0	0	—	9.8	+0.7	30	40	-1	25	-1	31	11	0	dr.	
SIWA	20	6	14	02	2	5	Sc	16.4	+2.8	20	34	-3	18	-1	78	16	0	26	8
BAHARIYA	360	3	35	02	0	0	—	14.6	+2.0	21	36	0	18	-1	50	10	0	1	7
FARAFRA	360	2	35	02	0	0	—	14.0		24	38		18		54	14	0	Rain	
DAKHLA	00	0	50	00	0	0	—	12.4	+1.2	29	38	-1	23	+1	47	14	0	dr.	
KHARGA	360	4	15	00	0	0	—	11.6	+1.9	28	38	-1	24	+1	40	13	0	dr.	
SUEZ	360	6	35	00	0	1	Cu	13.5	+2.3	23	32	-3	18	-3	65	16	0	44	17
TOR	340	9	35	02	0	0	—	10.4	+1.6	25			23	0	84	22	0	1	13
HURGHADA	330	17	30	02	0	0	—	9.7	+0.8	26	30	0	22	-1	62	18	0	Rain	
QUSEIR	360	9	15	02	0	0	—	9.3	+0.7	30	32	-1	25	-1	40	15	0	dr.	4
PORT SUDAN																			97
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			2
ATBARA																			7
KHARTUM																			10
KASSALA																			32
WAD MEDANI																			35
RENK																			117
ROSEIRES																			155
EL OBEID	280	2	30	03	0	3	AC	8.8		29	41		25		43	15	0		47
EL FASHER																			21
GENEINA	240	2	30	01	2	4	Ci			27	39		24		40	12	0		42
MALAKAL																			243
WAU	230	4	30	02	1	5	AC	9.7		27	36		24		74	22	0.1		428
JUBA	240	7	30	01	2	3	Ac, Ci	11.8		25	33		23		79	21	0		519

HUMIDITY % Mean of day

Station	on 11th	Diff. from normal
Alexandria		
Ezbekiya	48	-5
Giza	48	-4
Helwan		

GIZA GRASS MINIMUM TEMP ON 12th 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.
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 11th

Station	Kharga		Siwa		Asyut		Minya		S. Barani																Minya	
Time	14		14		14		14		14												10	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	360	13	320	9	310	8	10	14	320	20											290	8			360	6
600	360	16	320	9	310	13	10	14	320	24											310	10			350	5
1000	360	20	330	10	320	12	20	18	310	19											280	8			360	7
1500	360	28	350	16	330	20	20	27	310	24											290	13			360	4
2000					310	20															290	16				
3000			320	23	290	16															280	10				
4000					360	12															290	19				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		4		8		2						2		8				8		8		7 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	13	310	12	320	10	290	7					340	7	320	4			360	9	350	16	330	6
600	20	6	10	9	330	23	320	9					350	10	320	9			360	8	340	17	330	5
1000	40	8	10	14	340	16	330	9					350	7	340	20			360	12	330	14	360	15
1500	320	2	350	12	310	18	320	9					330	6	300	15			300	5			340	15
2000	330	11			320	18	320	17					340	18	330	16			270	5			350	20
3000	320	23			290	6	280	19															320	20
4000	320	26					300	7																
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																	
Height m.	Dir.	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	10	21	340	10	10	19																
600	40	10	10	27	350	11	10	23																
1000	20	14	20	17	350	11	10	23																
1500	20	15			350	15	10	18																
2000	350	28			340	22																		
3000	340	18																						
4000	340	17																						
5000	340	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.

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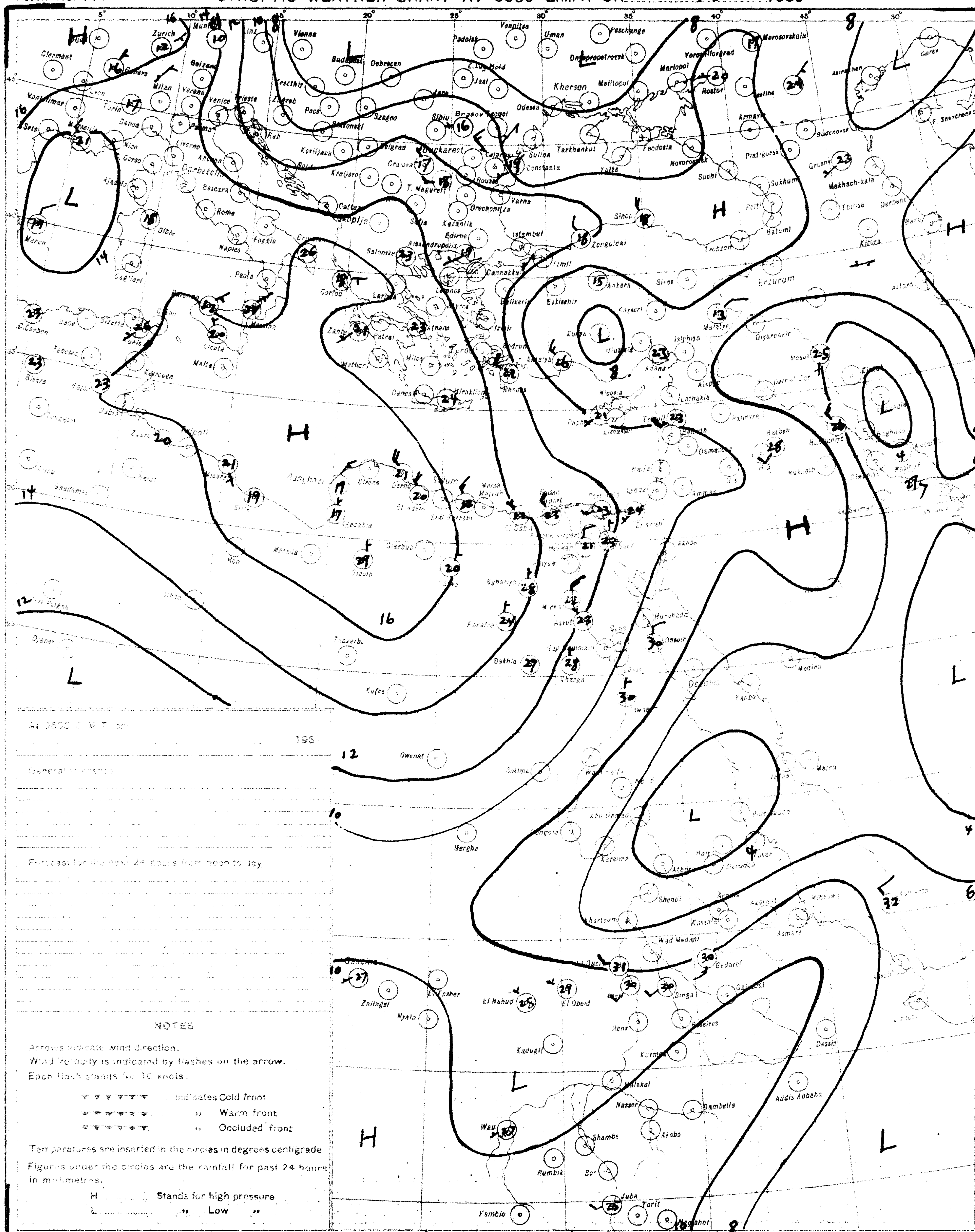
Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 12/6 1952



At 0600 G.M.T. on .... 195...

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(53/557) (50/531)

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 57 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Friday 13th June, 1952

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	360	13	35	00	1	1	Cu	14.3	25	61	17
	303	SÎDI BARÂNI	320	15	18	02	0	1	Sc	14.0	24	69	18
	306	MATRÛH	300	14	18	02	0	0	—	14.6	25	65	18
	309	EL DABʻA											
		ALEXANDRIA	310	16	50	21	2	2	Cu	13.5	24	61	16
	318	FOUAD (Airport)	310	12	18	02	1	3	Sc	13.4	24	61	16
	330	DAMIETTA											
	333	PORT SAʻÎD	330	14	30	02	1	1	Sc	12.0	25	65	18
	336	EL ʻARISH	320	8	30	00	0	0	—	11.5	25	70	19
Lower Egypt	339	DAMANHÛR	40	9	15	02	0	0	—	12.6	27	42	13
	342	MANSÛRA	360	9	35	00	0	0	—	12.3	29	40	14
	348	TANTA	310	8	35	01	1	2	Cu	12.0	29	40	14
	354	ZAGAZIG	320	3	50	02	0	0	—	12.2	31	38	15
	441	ISMAʻÎLIA	290	2	35	03	1	4	Cu	11.0	31	31	12
Cairo Area	366	FAROUK (Airport)	340	10	30	01	1	1	Cu	11.5	30	25	8
	372	ALMÂZA	360	11	30	00	0	0	—	11.5	30	40	15
		EZBEKÎYA	20	6	30	00	1	0	—	11.7	31	31	12
		GÎZA	20	6	30	00	1	0	—	11.6	31	31	12
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	00	0	35	01	0	0	—	11.5	31	28	10
	387	MINYA	340	10	10	00	0	0	—	11.2	32	28	11
	393	ASYÛT MANQABÂD	330	8	30	00	0	0	—	10.4	33	14	2
	399	NAGʻ HAMMADI	320	1	35	00	0	0	—	10.0	34	41	19
	402	QENA	240	3	50	00	0	0	—	8.0	39	8	-1
	405	LUXOR											
	414	ASWÂN	340	2	50	00	0	0	—	6.6	39	17	10
Oases	417	SÎWA	300	10	14	02	0	0	—	14.6	32	22	8
	420	BAHARÎYA	360	2	35	02	0	0	—	12.6	31	38	15
	423	FARAFRA	340	5	35	02	0	0	—	13.3	31	28	10
	432	DAKHLA	340	15	50	00	0	0	—	10.6	33	21	8
	435	KHARGA	360	7	15	00	0	0	—	10.2	37	22	12
Red Sea	450	SUEZ	360	3	50	01	0	0	—	10.4	30	31	11
	459	TÔR	310	19	50	02	0	0	—	8.2	28	52	17
	462	HURGHADA	350	19	30	02	0	0	—	.	27	62	19
	465	QUSEIR	20	9	15	02	0	0	—	8.4	28	70	22
	641	PORT SUDÂN	60	13	30	01	0	1	Ci	7.2	33	38	17
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	310	2	30	02	0	1	Ci		43	8	1
	660	KAREIMA	20	9	30	02	0	0	—	4.1	41	7	-2
	680	ATBARA	80	7	30	02	2	8	Cs	2.0	43	6	-2
	721	KHARTÛM	20	12	30	03	2	1	Ac,Ci	2.1	43	10	5
	730	KASSALA	220	3	30	03	1	1	Cu	2.7	41	20	14
Central Sudan	751	WÂD MEDANI	230	4	35	01	2	3	Ac	0.2			11
	801	RENK	50	5	50	02	1	8	As		34	47	21
	802	ROSEIRES	230	2	35	01	2	3	Ac	6.2	35	30	15
	771	EL OBEID											
	760	EL FASHER	70	4	30	02	2	8	Cs		37	27	15
	770	GENEINA	230	8	30	03	1	6	Cu,Cs		37	16	7
S. Sudan	840	MALAKÂL	100	10	30	01	2	7	Cu,Ac	7.3	36	31	16
	880	WAU											
	941	JUBA	190	4	30	03	1	7	Cu,Ac	7.9	33	24	10

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.
SALÛM	340	9	15	00	1	1	Cu	14.4	22	65	15	0
SÎDI BARÂNI	320	13	18	08	1	6	Cu	14.0	21	78	17	0
MATRÛH	310	7	18	02	0	0	—	14.3	22	83	19	0
EL DABʻA	00	0	7	00	0	0	—		22	74	17	0
ALEXANDRIA	310	14	35	02	2	3	Sc	13.8	23	74	17	0
FOUAD (Airport)												
DAMIETTA	320	5		02	0	1	Cu	11.9	22	74	17	0
PORT SAʻÎD	340	12	15	03	0	0	—	11.3	22	78	18	0
EL ʻARISH												
DAMANHÛR	40	9	15	02	0	0	—	13.3	21	65	14	0
MANSÛRA	320	9		00	0	0	—	12.7	23	61	15	0
TANTA	00	0	35	02	1	0	—	13.3	21	65	14	0
ZAGAZIG	00	0	35	02	0	0	—	12.6	24	54	14	0
ISMAʻÎLIA			35	01	0	0	—	12.6	24	54	14	0
FAROUK (Airport)												
ALMÂZA	360	10	12	00	0	0	—	12.7	25	47	13	0
EZBEKÎYA	30	5	12	00	0	0	—	12.9	25	45	12	0
GÎZA	30	5	12	00	0	0	—	13.0	24	38	9	0
HELWÂN												
FAIYÛM	360	2	35	02	0	0	—	13.0	27	33	9	0
MINYA	360	8	8	00	0	0	—	10.9	26	40	11	0
ASYÛT	320	8	14	00	0	0	—	10.6	28	29	8	0
NAGʻ HAMMADI	270	1	15	00	0	0	—	10.0	27	52	16	0
QENA	220	1	7	00	0	0	—	8.7	29	35	12	0
LUXOR												
ASWÂN	360	3	50	00	0	0	—				8	0
SÎWA	290	5	10	02	0	1	Ci	13.6	30	22	6	0
BAHARÎYA	360	2	35	02	0	0	—	13.1	28	42	14	0
FARAFRA	360	2	15	02	0	0	—	12.8	27	27	6	0
DAKHLA	340	11	50	00	0	0	—	12.4	29	23	6	0
KHARGA	360	2	15	00	0	0	—	12.6	31	22	7	0
SUEZ	360	10	15	02	0	0	—	12.0	25	54	15	0
TÔR	310	9	35	02	0	0	—	8.6	28	40	13?	0
HURGHADA	320	16	30	02	0	0	—	8.6	27	55	17	0
QUSEIR	360	9	15	02	0	0	—	7.5	28	52	17	0

At 0600 on Friday 13th June, 1952

Station	Wind 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
SALÛM	320	2	15	00	0	0	—	14.7	+2.0	23	26	-3	17	-2	65	16	0	Rain	
SÎDI BARÂNI	320	5	18	01	1	1	Sc	14.7		22	25		19		74	17	0	115	
MATRÛH	290	5	30	00	0	0	—	14.9	+1.9	22	26		17		74	17	0	135	
EL DABʻA	320	3	15	03	2	6	Sc,Cu			23	25		15		74	18	0	214	
ALEXANDRIA	310	12	50	00	0	0	—	14.0	+1.1	25	26	-2	20	0	54	15	0	166	186
FOUAD (Airport)	290	10	18	02	0	0	—	14.1	+1.8	24			20	0	61	16	0	Rain	138
DAMIETTA	320	2	7	03	1	5	Cu	13.6	+2.0	24	25	-3	17	-3	69	18	0	171	106
PORT SAʻÎD	270	9	15	01	0	1	Sc	13.3	+1.3	23	25	-3	20	-2	69	17	0	92	
EL ʻARISH																			
DAMANHÛR	40	5	7	02	0	0	—	14.3	+2.1	24	28	-4	18	0	61	16	0	87	101
MANSÛRA	320	5	35	02	1	2	Cu	13.9	+2.0	24	30	-4	16	-3	61	16	0	62	55
TANTA	310	5	35	02	0	0	—	13.6	+1.3	23	30	-4	14	-3	65	16	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	13.9	+1.8	23	32	-2	16	-2	65	16	0	30	27
ISMAʻÎLIA	20	2	35	03	1	5	Ac	13.6		23	33		17		61	15	0		
FAROUK (Airport)	40	3	12	03	0	3	Cu	13.9		22					61	14	0	83	
ALMÂZA	40	4	12	03	1	4	Cu	14.0	+1.8	21	33	-2	19	-1	83	18	0	71	
EZBEKÎYA	00	0	12	00	1	3	Cu	13.8	+1.8	22	33	-2	18	-2	65	15	0	61	26
GÎZA	00	0	12	00	1	3	Cu	13.7	+1.8	23	32	-3	18	+1	61	15	0	58	26
HELWÂN																			29
FAIYÛM	360	4	35	02	0	0	—	14.3	+2.7	23	32	-4	17	-2	61	15	0	23	8
MINYA	350	6	10	00	0	0	—	13.6	+1.6	22	33	-3	16	-3	65	15	0	5	
ASYÛT MANQABÂD	310	4	14	00	0	0	—	13.4	+2.7	23	34	-3	19	-2	41	9	0	2	
NAGʻ HAMMADI	00	0	15	00	0	0	—	12.6	+3.4	25	35	-3	20	0	70	19	0	0.1	
QENA	270	1	35	00	0	0	—	11.4	+2.5	27	39	-2	22	-1	42	13	0	2	
LUXOR																			
ASWÂN	360	5	50	00	0	0	—	10.4	+1.4	27	40	-1	24	-2	37	11	0	dr.	
SÎWA	290	4	14	00	0	0	—	16.3	+2.7	22	34	-3	18	-1	83	19	0	26	8
BAHARÎYA	20	3	35	02	0	0	—	14.0	+1.4	26	32	-4	18	-1	48	14	0	1	7
FARAFRA	00	0	35	02	0	0	—	15.0		27	33		17		37	11	0	Rain	
DAKHLA	160	4	50	00	0	0	—	14.3	+3.2	28	34	-5	20	-2	27	7	0	dr.	
KHARGA	360	4	15	00	0	0	—	12.7	+3.0	26	37	-2	22	-1	30	7	0	dr.	
SUEZ	360	2	35	00	0	0	—	13.1	+2.0	21	32	-3	18	-3	74	16	0	44	17
TÔR	310	9	35	02	0	0	—	11.6	+2.7	25			23	0	54	15	0	1	13
HURGHADA	340	20	30	02	0	0	—	10.9	+2.0	25	28	-2	22	-1	61	17	0	Rain	
QUSEIR	360	13	15	02	0	0	—	10.2	+1.6	27	30	-3	24	-2	62	19	0	dr.	4
PORT SUDÂN	270	1	30	01	2	3	Ci	10.0		33	37		22		38	17	0		97
WÂDI HALFA	360	11	50	01	0	0	—	10.1		29	41		21		20	4	0		
ABU HAMAD	20	8	30	02	0	0	—			32	44		25		14	1	0		
KAREIMA																			2
ATBARA																			7
KHARTÛM	170	17	30	03	1	8	Ac,Cs	7.8		32	45		30		41	17	0		10
KASSALA	180	11	30	02	0	0	—	9.1		31	43		27		38	15	0		32
WÂD MEDANI																			36
RENK																			120
ROSEIRES																			158
EL OBEID																			48
EL FÂSHER																			21
GENEINA																			44
MALAKÂL	240	5	30	60	8	8	Ns,Cs	11.4		26	36		25		62	18	dr.		247
WAU	270	3	30	01	8	7	Ac	11.9		24	37		23		74	19	dr.		433
JUBA	00	0	30	60	8	8	Cb,Ac	13.2		25	34		23		88	23	dr.		524

HUMIDITY Mean of day

Station	12th	Diff. from normal
Alexandria	70	-2
Ezbekiya	48	-5
Giza	51	-1
Helwan		

GÎZA GRASS MINIMUM TEMP. On 13th 16.0

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

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.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 12th

Height m.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	S.Barani Dir.	S.Barani Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		20	
300	320	12	360	14	350	16	350	18	320	20	330	16	310	15
600	340	13	360	13	350	22	350	14	330	16	320	7	310	16
1000	350	10	350	16	350	25	340	13	340	16	260	5	310	15
1500	290	7	330	16	10	16	330	12	350	20	260	7	290	16
2000	350	15	340	7					340	19	330	10		
3000	320	16												
4000	320	19												
5000														
6000														
7000														
8000														

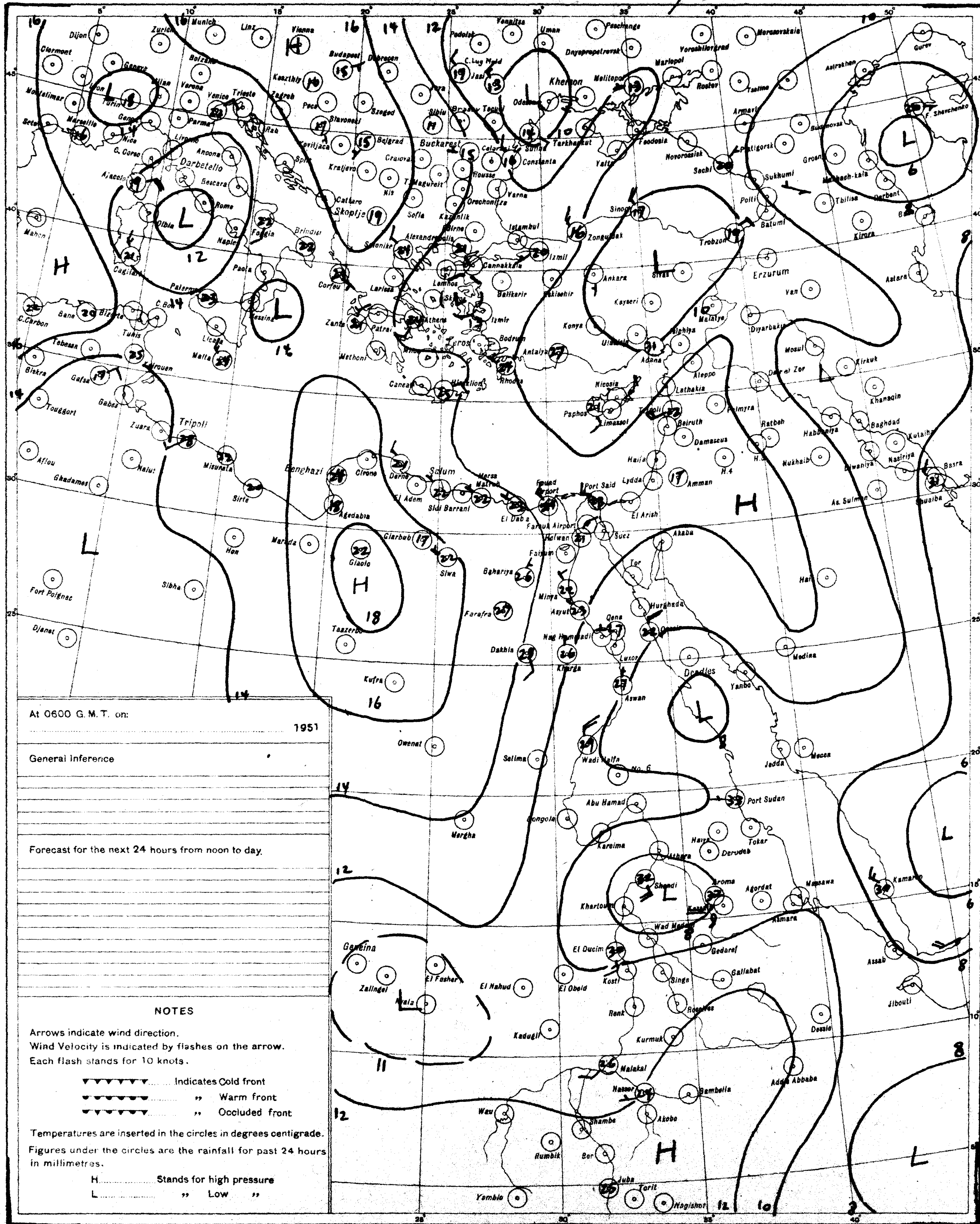
UPPER WIND OBSERVATIONS on 13th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Saʻîd Dir.	Port Saʻîd Vel.	El ʻArish Dir.	El ʻArish 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.	Almaza Dir.	Almaza Vel.
Time			4				2						2		8								4	30
300			280	10			300	20					340	10	320	15							10	7
600			300	6			310	18					330	12	320	10							10	13
1000			350	4			320	9					320	15	340	17							350	17
1500			360	9											350	27							330	19
2000			310	12																			320	16
3000			300	16																				
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Baharîya Dir.	Baharîya 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	8				9		8																	
300	300	14			350	10	10	20																
600	310	6			350	8	10	23																
1000	360	16			10	10	10	21																
1500	340	18			350	16	10	9																
2000	330	30																						
3000	300	20																						
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.

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13/6 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Saturday 14th June, 1952

At 1200 on Friday 13th

Index No.	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	20	13	35	00	0	0	—	15.0	25	61	17
303	Sidi Barani	340	7	18	02	0	2	Sc	15.3	24	69	18
306	Matruh	320	15	30	02	0	0	—	15.5	24	69	18
309	El Daba											
	Alexandria	270	17	50	00	0	0	—	14.6	25	70	19
318	Fouad (Airport)	290	13	18	02	0	1	Sc	14.5	25	65	18
330	Damietta	340	2	35	01	1	0	—	13.8	25	61	17
333	Port Said	350	12	30	02	0	1	Sc	12.2	24	65	17
336	El Arish											
339	Damanhur	360	9	15	02	0	0	—	14.6	28	45	15
342	Mansura	20	9	35	00	1	0	—	13.3	30	31	11
348	Tanta	310	8	35	01	0	0	—	13.3	29	40	14
364	Zagazig	320	1		02	0	0	—	13.4	31	38	15
441	Ismailia	20	5	35	02	1	5	AC	12.7	30	35	13
368	Farouk (Airport)	320	9	30	00	0	0	—	12.3	30	31	11
372	Almaza	40	11	30	00	0	0	—	12.7	29	46	16
	Ezbekiya	20	6	14	00	1	0	—	12.9	31	38	15
	Giza	20	6	14	00	1	0	—	12.6	31	28	10
378	Helwan											
381	Fayum	360	6	35	02	0	0	—	12.3	31	22	7
387	Minya	360	13	12	00	0	0	—	11.5	32	24	9
393	Asyut	320	14	30	00	0	0	—	11.8	32	21	7
399	Nag Hammadi	270	2	15	00	0	0	—	10.6	34	27	12
402	Qena	270	1	50	00	0	0	—	9.8	38	16	8
405	Luxor											
414	Aswan	00	0	50	00	0	0	—	8.6	39	18	11
417	Siwa	350	10	14	00	0	0	—	15.4	32		
420	Bahariya	360	2	35	02	0	0	—	13.5	31	38	15
423	Farafra	320	3	35	02	0	0	—	13.6	33	21	8
432	Dakhla	340	11	50	00	0	0	—	11.6	33	24	10
435	Kharga	360	6	15	00	0	0	—	12.2	35	19	8
450	Suez	360	5	50	02	0	0	—	11.4	29	35	12
453	Tor	310	19	50	02	0	0	—	10.3	27	55	17
462	Hurghada	10	13	30	02	0	0	—	9.4	27	58	18
465	Quseir	20	13	15	02	0	0	—	10.2	28	70	22
641	Port Sudan	50	12	30	01	2	6		7.4	35	39	19
600	Wadi Halfa	340	10	50	03	0	1	CS	8.4	37	17	8
640	Abu Hamad	310	5	35	02	0	0	—		39	8	-1
660	Kareima	310	7	30	02	0	0	—	5.8	41	7	-1
680	Atbara	160	2	30	03	2	8	Cu, CS	3.7	44	8	3
721	Khartoum	200	4	30	01	2	2	Ac, Ci	5.1	40	16	10
750	Kassala	220	4	30	03	1	4	Cu, Ci	5.3	40	20	13
760	Wad Medani											
801	Kosti											
802	Rodeires											
	El Obeid	90	5	30	01	1	3	Cu, Ci	6.8	36	24	12
790	El Fasher	70	6	30	01	2	1	ac		30	40	15
	Geneina											
840	Malakal	200	5	30	03	6	7	ac, Ci	10.5	33	36	16
860	Wau	290	4	30	03	2	8	Cu, AC	10.4	37	79	27
	Juba	180	7	35	04	5	7	Cb, Ac	9.8	31	49	19

At 1800 on Friday 13th

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	40	2	15	00	0	0	—	15.1	22	83	19	0
Sidi Barani	330	8	18	03	1	7	Sc	14.7	22	78	18	0
Matruh		11	14	02	1	6	Sc	15.3	21	88	19	0
El Daba	320	3	7	01	1	3	Cu		22	83	19	0
Alexandria	360	13	35	01	1	3	Cu	14.3	22	83	19	0
Fouad (Airport)	320	4	12	03	0	4	Sc	14.1	21	88	19	0
Damietta	340	2	7	03	0	3	Cu	14.0	22	83	19	0
Port Said	340	13	14	02	0	1	Sc	13.2	22	78	18	0
El Arish	340	8	18	03	0	1	Cu	12.9	22	74	17	0
Damanhur	360	5	15	02	0	0	—	14.8	23	65	16	0
Mansura	340	5		00	0	0	—	14.0	23	65	16	0
Tanta	360	2	35	02	0	0	—	13.8	23	61	15	0
Zagazig	00	0	35	02	0	0	—	13.4	25	54	15	0
Ismailia	20	5	35	02	0	0	—	13.6	24	54	14	0
Farouk (Airport)	340	14	12	00	0	0	—	14.2	26	45	13	0
Almaza	360	11	12	00	0	0	—	14.1	27	45	14	0
Ezbekiya	360	5	12	00	0	0	—	13.2	27	40	12	0
Giza	360	5	12	00	0	0	—	13.8	25	47	13	0
Helwan												
Fayum	360	4	35	02	0	0	—	13.0	27	37	11	0
Minya	360	5	8	00	0	0	—	11.8	24	47	12	0
Asyut	330	6	12	00	0	0	—	11.9	27	20	2	0
Nag Hammadi	270	2	15	00	0	0	—	10.8	27			0
Qena	320	1	7	00	0	0	—	9.5	30	16	17	0
Luxor												
Aswan	360	5	15	00	0	0	—	10.7	33	21	8	0
Siwa	340	7	10	00	0	0	—	14.7	30	25	8	0
Bahariya	360	2	15	02	0	0	—	13.6	26	48	14	0
Farafra	360	2	15	02	0	0	—	13.8	27	27	6	0
Dakhla	360	11	50	00	0	0	—	12.7	30	25	8	0
Kharga	360	2	15	00	0	0	—	13.9	31	28	10	0
Suez	360	6	15	02	0	0	—	12.3	26	42	12	0
Tor												
Hurghada	330	18	12	02	0	0	—	9.2	27	49	16	0

At 0600 on Saturday 14th June, 1952

Station	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	[illegible]	[illegible]	Rainfall mms		
Salum	00	0	15	00	0	0	—	15.2	+2.6	24	26	-3	17	-2	61	16	0	Rain	
Sidi Barani	280	5	18	02	4	1	Sc	15.4		23	25				74	18	0	115	
Matruh	270	8	30	01	0	0	—	15.6	+2.7	23	25		17		74	18	0	135	
El Daba	320	6	15	01	1	2	Cu			23	26		18		74	18	0	214	
Alexandria	360	11	50	00	0	0	—	14.3	+1.5	23	26	-2	20	-1	74	18	0	166	186
Fouad (Airport)	320	12	18	02	0	0	—	14.3	+2.1	24	26	-2	19	-1	69	18	0	Rain	138
Damietta	340	5	7	03	1	4	Sc	14.4	+2.9	23	25	-3	18	-2	74	18	0	171	106
Port Said	330	5	14	03	1	6	Sc	13.6	+1.7	23	25	-3	20	-3	74	18	0	92	
El Arish	00	0	30	03	1	4	Cu, Sc	12.8	+1.2	21	26		17		78	17	0	101	
Damanhur	40	5	7	02	0	0	—	15.2	+3.1	24	29	-3	18	0	69	18	0	87	101
Mansura	270	5	35	02	1	2	Cu	14.0	+2.2	24	30	-4	17	-2	69	18	0	62	55
Tanta	00	0	35	02	0	0	—	14.2	+1.9	24	30	-4	16	-1	69	18	0	65	44
Zagazig	40	1	35	03	1	4	Cu	14.7	+2.6	23	32	-2	17	-1	74	18	0	30	27
Ismailia	270	2	35	02	1	5	AC				31		18			16	0		
Farouk (Airport)	360	9	10	03	2	6	Sc	13.9		21	32		18		83	18	0	87	
Almaza	30	6	10	03	2	7	Sc	14.4	+2.3	21	32	-3	18	-2	83	18	0	71	
Ezbekiya	360	3	10	02	2	6	Cu	13.6	+1.7	21	32	-3	18	-2	69	15	0	61	26
Giza	360	3	10	02	2	6	Cu	13.8	+1.9	21	31	-4	16	-1	74	16	0	58	26
Helwan																			29
Fayum	360	6	35	03	1	3	Cu, Sc	14.6	+3.1	23	32	-4	17	-2	61	15	0	23	8
Minya	360	4	8	00	0	0	—	13.6	+1.7	23	33	-3	17	-2	57	14	0	5	
Asyut	330	4	18	00	0	0	—	13.7	+3.1	24	33	-4	19	-2	44	11	0	3	
Nag Hammadi	270	2	15	00	0	0	—	12.4	+3.3	26	34	-4	17	-3	48	14	0	0.1	
Qena	360	1	35	00	0	0	—	11.0	+2.2	30	40	-1	20	-3	21	5	0	2	
Luxor																			
Aswan	360	5	50	00	0	0	—	11.2	+2.3	28	39	-2	21	-5	27	7	0	dr.	
Siwa	70	9	14	00	0	0	—	16.4	+2.9	24	35	-2	19	0	54	14	0	26	8
Bahariya	40	2	35	02	0	0	—	15.0	+2.5	25	33	-3	18	-1	61	17	0	1	7
Farafra	00	0	35	02	0	0	—	15.1		27	34		17		37	11	0	Rain	
Dakhla	00	0	50	00	0	0	—	14.3	+3.2	29	34	-5	21	-1	29	9	0	dr.	
Kharga	360	4	15	00	0	0	—	12.8	+3.2	26	35	-4	22	-1	37	10	0	dr.	
Suez											32	-3							17
Tor	310	9				0	—	10.8	+2.2	25			23	0	54	15	0	1	13
Hurghada	330	18	30	02	0	0	—	10.0	+1.2	25	28	-2	22	-1	58	16	0	Rain	
Quseir	360	13	15	02	0	0	—	10.6	+2.1	27			24	-2	55	17	0	dr.	4
Port Sudan																			97
Wadi Halfa	360	10	50	02	0	0	—	11.3		28	39		21		22	4	0		
Abu Hamad	360	9	30	03	0	8	Cs			31	43		26		17	3	0		
Kareima	50	10	30	03	0	3	Ci	9.9		31	43		26		16	2	0		2
Atbara																			7
Khartoum	180	10				1	Ac, Ci				42		29			17	0		11
Kassala	180	8	30	03	1	5	AC, Ci	10.0		29	40		25		46	16	0		33
Wad Medani																			37
Kosti																			123
Rodeires																			162
El Obeid	230	7	30	01	0	0	—	10.9		29	38		25		46	16	0		49
El Fasher																			22
Geneina																			46
Malakal	270	2	30	03	2	8	AC	12.1		26	34		24		70	20	dr.		251
Wau																			439
Juba	180	4	50	01	2	3	Ac, CS	13.3		24	32		21		79	20	1		529

Station	13th	Diff. from normal
Alexandria	70	-2
Ezbekiya	49	-5
Giza	50	-3
Helwan		

GIZA
Grass minimum temp.
on 14th 14.4

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE — Aerological ascent — FAROUK AIRPORT — AIRPORT — 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					

Remarks

UPPER WIND OBSERVATIONS on 13th

Station	Port Said		Minya		Asyut		Kharga		Matruh		Dakhla		Siwa		S. Barani										Port Said		Minya	
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	330	16	350	12	330	9	10	20	330	17	330	20	350	22	330	12									320	14	10	12
600	320	13	350	16	330	10	10	26	300	11	340	26	340	17	320	14									310	22	10	26
1000	320	13	350	12	330	10	10	26	300	12	330	26	340	22	330	15									310	17	360	17
1500	300	18	340	17	330	16			300	17	340	34	340	27	330	17									300	14		
2000			10	16	290	12							340	23	330	23												
3000					260	18							10	18	340	19												
4000													20	17														
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 14th

Station	Sidi Barani		Matruh		[illegible]		Port Said		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		Almaza	
Time	8		4		8		2		6				2		8		8		8		8		8	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	30	4	320	16	340	17	240	8	250	6			20	12	330	9	90	14	360	5	350	22	10	6
600	10	7	340	16	350	10	330	2	310	6			10	22	340	18	90	13	350	12	350	22	350	9
1000	10	6	360	16	360	13	320	3	340	7			360	21	350	18	100	6	350	13	330	26	360	16
1500	10	8	360	15			290	5	360	13			350	29	350	26	70	3	320	8				
2000	360	33	340	19					360	8					360	14	20	11						
3000															320	12								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8		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	60	10	30	17	350	6	10	16	30	15														
600	80	10	30	19	360	10	10	22	20	25														
1000	60	18	20	26	360	14	10	23	360	25									240	17	170	9		
1500	40	11	30	48	340	13	360	13	330	15									290	7	180	17		
2000	10	28							300	7									10	11				
3000	360	45							210	24									40	21				
4000									240	15														
5000																			190	11				
6000																			100	3				
7000																			120	5				
8000																			140	9				

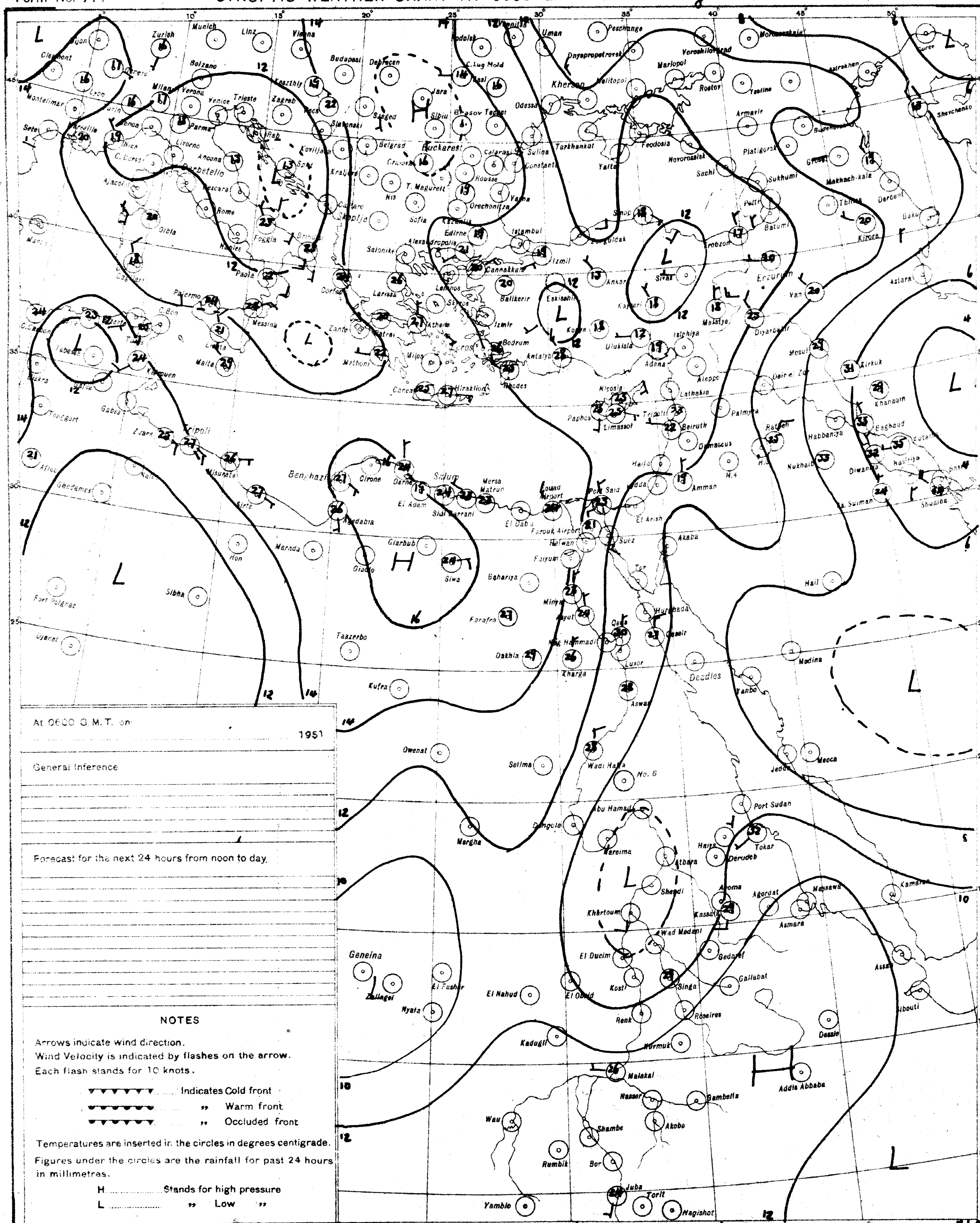
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 149/557 1-(50/531)

Annual Supplement on P.T. 15

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Saturday 14/6/1952*



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 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 2 53 G.M.T.
" " Sunset 16 57 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Sunday 15th June, 1952

At 1200 on Saturday 14th / At 1800 on Saturday 14th

Station	1200 Wind Dir.	Vel. (knots)	Visibility (km)	Present weather	Past weather	Cloud amount 0-8	Form	Bar. pressure M.S.L. mbs	Temp. °C	Humidity %	Dew point °C	1800 Wind Dir.	Vel. (knots)	Visibility (km)	Present weather	Past weather	Cloud amount 0-8	Form	Bar. pressure M.S.L. mbs	Temp. °C	Humidity %	Dew point °C	Rain past 12 hrs mms
Salûm	360	5	35	00	0	0	—	15.4	29	29	9	110	2	15	00	0	0	—	14.4	23	74	16	0
Sidi Barani	320	10	30	00	0	0	—	15.4	26	48	14	80	3	.5	00	0	0	—	14.0	22	78	18	0
Matruh	310	13	30	02	0	0	—	15.8	25	70	19	00	0	18	02	0	0	—	15.3	21	88	19	0
El Daba	340	5	35	00	0	0	—		26	62	18	320	2	7	00	0	0	—		22	88	20	0
Alexandria			50	00	0	0	—	14.6	24	74	19	360	10	35	00	0	0	—	14.4	22	83	19	0
Fouad (Airport)	320	13	18	02	0	0	—	14.5	26	66	19	340	5	14	02	0	0	—	14.4	22	89	20	0
Damietta	340	5	35	00	0	0	—	14.3	25	70	19	320	5		00	0	0	—	14.0	23	84	20	0
Port Said	20	8	30	01	0	0	—	12.3	25	65	18	350	11	15	02	0	0	—	12.9	23	64	20	0
El Arish	360	6	30	00	0	0	—	12.8	24	65	17												
Damanhur	40	9	15	02	0	0	—	13.4	30	46	17	40	5	15	01	0	0	—	14.3	24	61	16	0
Mansura	360	9	35	00	1	0	—	13.3	32	34	14	360	5		00	0	0	—	13.4	24	61	16	0
Tanta	360	5	35	02	0	0	—	12.8	31	31	12	00	0	35	01	0	0	—	13.9	24			0
Zagazig	320	1	50	02	1	0	—	13.4	32	38	16	00	0	35	02	0	0	—	13.4	26	48	14	0
Ismailia	360	3	35	01	0	0	—	12.3	31	22	7	20	5	35	02	0	0	—	12.7	25	61	17	0
Farouk (Airport)	20	10	18	00	0	0	—	12.6	31	31	12	20	17	12	00	0	0	—	12.7	28	45	15	0
Almaza	40	10	30	00	0	0	—	12.7	30	33	12	40	12	12	00	0	0	—	12.5	28	40	13	0
Ezbekiya	20	5	18	00	1	0	—	12.3	31	33	13	30	4	12	00	0	0	—	12.6	26	48	14	0
Giza	20	5	18	00	1	0	—	12.5	32	28	11	30	4	12	00	0	0	—	12.6	27	42	13	0
Helwan																							
Faiyum	360	6	35	00	0	0	—	12.4	31	28	10	00	0	35	02	0	0	—	11.6	29	29	9	0
Minya	360	10	10	00	0	0	—	12.0	31	31	12	350	4	8	00	0	0	—	11.4	25	45	12	0
Asyut (Airport)	340	12	30	00	0	0	—	11.6	33	23	9	310	6	18	00	0	0	—	11.3	27	35	10	0
Nag Hammadi	320	2	15	00	0	0	—	10.0	33	34	15	00	0	15	00	0	0	—	9.9	27	55	17	0
Qena	270	1	50	00	0	0	—	9.4	39	14	7	270	1	7	00	0	0	—	8.7	30	31	11	0
Luxor																							
Aswan	360	4	50	00	0	0	—	8.2	36	17	7	00	0	7	00	0	0	—	8.8	35	16	6	0
Siwa	190	7	14	00	0	0	—	15.9	34	16	5	00	0	14	00	0	0	—	15.1	31	21	6	0
Bahariya	360	3	35	02	0	0	—	13.1	33	34	15	360	2	15	02	0	0	—	12.8	27	52	16	0
Farafra	340	3	35	02	0	0	—	14.3	33	21	8	360	3	14	02	1	0	—	13.9	27	37	11	0
Dakhla	340	15	50	00	0	0	—	12.2	33	24	10	340	11	50	00	0	0	—	12.3	30	21	5	0
Kharga	360	8	15	00	0	0	—	11.2	34	18	6	360	4	15	00	0	0	—	13.1	31	22	7	0
Suez	360	4	50	01	0	0	—	11.9	29	35	12	360	3	15	02	0	0	—	12.2	26	37	10	0
Tor	310	19	15	01	0	0	—	8.8	27	55	17	310	13	15	05	0	0	—		28	45	15	0
Hurghada	360	10	30	02	0	0	—	8.3	27	62	19	330	22	30	02	0	0	—	9.2	27	62	19	0
Quseir	20	13	15	02	0	0	—	8.4	28	62	20	20	9	15	02	0	0	—	9.8	27	70	21	0
Port Sudan	50	15	30	01	0	0	—	6.9	33	63	25												
Wadi Halfa	340	16	50	02	0	0	—		37	11	2												
Abu Hamad	310	4	30	03	1	4	Ac, Ci		41	8	1												
Karima	310	9	30	02	0	0	—	6.0	40	8	0												
Atbara	00	0	30	03	2	7	Ac, Cs	4.6	41	13	7												
Khartoum	230	8	30	01	1	2	Ci	4.7	41	16	10												
Kassala																							
Wad Medani	230	9	50	02	1	8		3.3	39	23	14												
Renk																							
Roseires																							
El Obeid	220	1	30	03	0	7	Cu, Cs	4.5	37	19	10												
El Fasher	140	5	30	01	0	4	Cu, Ci		36	15	6												
Geneina	200	6	30	02	1	4	Cu, Ci		34	32	15												
Malakal	180	8	30	03	2	7	St, AC	6.8	36	15	6												
Wau	130	2	30	03	1	7	Cu, AC	8.2	34	63	26												
Juba	90	8	50	03	1	4	Cb, AC	8.7	32	49	20												

At 0600 on Sunday 15th June, 1952

Station	Wind Dir.	Vel. (knots)	Visibility (km)	Present weather	Past weather	Cloud amount 0-8	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	Rain 1	Rain 2	Rain 3
Salûm	220	9	15	00	0	0	—	13.1	+0.5	28	29	-1	25	+6	18	1	0	Rain	
Sidi Barani	220	8	18	00	0	0	—	13.1		29	26		18		23	6	0	115	
Matruh	210	8	30	02	0	0	—	14.1	+1.3	28	27		16		27	7	0	135	
El Daba	00	0	15	00	0	0	—			25	27		17		61	17	0	214	
Alexandria	220	16	50	00	0	0	—	14.3	+1.6	23	27	-1	20	-1	84	20	0	166	186
Fouad (Airport)	230	5	18	02	0	0	—	14.0	+1.8	25	26	-2	18	-2	74	20	0	Rain	138
Damietta	360	2	15	00	0	0	—	13.0	+1.6	25	26	-2	18	-2	70	19	0	171	106
Port Said	330	4	14	02	0	0	—	12.5	+0.7	25	26	-2	22	-1	61	17	0	92	
El Arish	00	0	30	03	1	1	Ci	12.0	+0.4	25			17		70	19	0	101	
Damanhur	310	5	15	02	0	0	—	14.8	+2.8	24	31	-1	18	0	61	16	0	87	101
Mansura	360	3	35	00	0	0	—	14.0	+2.2	26	32	-2	18	-1	62	18	0	62	55
Tanta	00	0	35	02	0	0	—	13.8	+1.6	27	32	-2	15	-3	55	17	0	65	44
Zagazig	30	0	35	02	0	0	—	13.5	+1.5	24	34	0	17	-1	74	19	0	30	27
Ismailia	200	2	35	01	0	0	—	13.8		26	32		18				0		
Farouk (Airport)	70	1	14	00	0	0	—	13.7		24	32		17?		67	18	0	83	
Almaza	40	3	12	00	0	0	—	13.9	+1.8	23	33	-2	17?	-1	74	18	0	71	
Ezbekiya	00	0	10	00	0	0	—	13.4	+1.6	23	33	-2	19	-1	61	15	0	61	26
Giza	00	0	10	00	0	0	—	13.6	+1.8	24	33	-2	17	-1	69	18	0	58	26
Helwan																			29
Faiyum	360	4	35	02	0	0	—	14.3	+2.8	25	33	-3	19	-1	54	15	0	23	8
Minya	360	8	10	00	0	0	—	13.4	+1.5	24	32	-4	18	-1	57	15	0	5	
Asyut (Airport)	330	7	15	00	0	0	—	13.2	+2.6	25	33	-4	20	-1	47	13	0	3	
Nag Hammadi	00	0	15	00	0	0	—	11.8	+2.8	24	34	-4	16	-4	69	18	0	0.1	
Qena	270	1	35	00	0	0	—	11.2	+2.4	28	40	-1	20	-3	33	10	0	2	
Luxor																			
Aswan	360	4	50	00	0	0	—	10.6	+1.8	28	37	-4	21	-5	33	10	0	dr.	
Siwa	00	0	14	00	0	0	—	15.8	+2.3	28	36	-2	20	+1			0	26	8
Bahariya	360	2	35	02	0	0	—	14.7	+2.3	26	33	-3	18	-1	42	12	0	1	7
Farafra	360	1	35	02	0	0	—	15.1		25	34		18		34	8	0	Rain	
Dakhla	20	15	50	00	0	0	—	13.8	+2.8	28	34	-6	21	-1	40	13	0	dr.	
Kharga	360	4	15	00	0	0	—	12.3	+2.7	27	34	-5	23	0	27	6	0	dr.	
Suez	360	3	35	00	0	0	—	13.0	+2.1	26	31	-4	20	-1	55	16	0	44	17
Tor	440	5	35	02	0	0	—	11.0	+2.5	29?			20	-3	43	15	0	1	13
Hurghada	330	16	30	02	0	0	—	13.8	+2.1	26	28	-3	21	-2	62	18	0	Rain	
Quseir	360	9	15	02	0	0	—	10.0	+1.6	27	29	-4	24	-2	62	14	0	dr.	4
Port Sudan	340	4	30	02	0	0	—	8.0									0		97
Wadi Halfa	360	6	30	02	0	0	—	11.0		23	39		21		29	4	0		
Abu Hamad	360	9	30	02	0	0	—			32	42		25		13	0	0		
Karima																			2
Atbara	340	6	30	03	0	1	AC	7.0		34	42		27		14	3	0		7
Khartoum	180	9	30	03	2	7	AC	8.0		31	41		30		33	13	0		11
Kassala	180	6	30	02	0	0	—	9.3		30			25		43	16	0		34
Wad Medani	230	9	35	02	2	8	Cc	9.5		32	40		25		36	15	0		38
Renk																			125
Roseires																			166
El Obeid																			50
El Fasher	50	4	30	01	0	0	—			29	38		22		13	-2	0		22
Geneina																			48
Malakal	150	2	30	03	1	4	AC	10.0		29	37		23		59	20	dr.		255
Wau	00	0	30	02	2	8	AC	9.6		27	35		25		74	22	0		445
Juba																			534

	14th	
	76	+4
	55	+1
	54	+1
15th	15.4	

UPPER AIR OBSERVATIONS

RAWINSONDE — AIRPORT (pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300 — no entries)

Remarks

UPPER WIND OBSERVATIONS on 14th

Station	Matruh		Port Said		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		S. Barani						Minya		Port Said	
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	350	6	350	9	350	12	330	21	30	4	350	18	360	23	330	35	350	5					340	6	270	19
600	340	10	350	7	350	17	340	21	360	3	350	24	360	28	330	18	270	4					360	5	340	10
1000	340	6	10	9	340	22	360	13	20	5	340	33	360	29	330	25	260	7					350	7	340	10
1500	360	11	360	10	340	27	360	20	10	9							340	10					350	8	20	8
2000	340	21	20	12					10	13							340	21					350	8	140	5
3000																	350	31								
4000																	340	29								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sidi Barani		Matruh				Port Said															
Time	8		2				2						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.
300	260	12	250	9			320	9					330	7	360	13			360	6	340	17
600	260	16	240	8			350	9					350	8	360	9			10	8	340	18
1000	260	18	290	9			340	12					340	9	20	10			10	5	340	23
1500	330	12	320	17			320	9					360	1	10	28			20	11	310	28
2000							20	4							10	23			310	4		
3000							320	9														
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Karima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8		3								3				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	170	11	10	19	360	13	10	21	20	15														
600	170	9	10	22	10	17	10	23	10	29							180	19						
1000	310	8	360	10	20	12	10	23	360	21							210	25			80	13		
1500	350	10	360	9	20	27	10	13	330	7							290	18			100	15		
2000					30	35			160	6							280	15						
3000	10	26							220	19							30	17						
4000	360	23															10	12						
5000									80	11														
6000																								
7000																								
8000																								

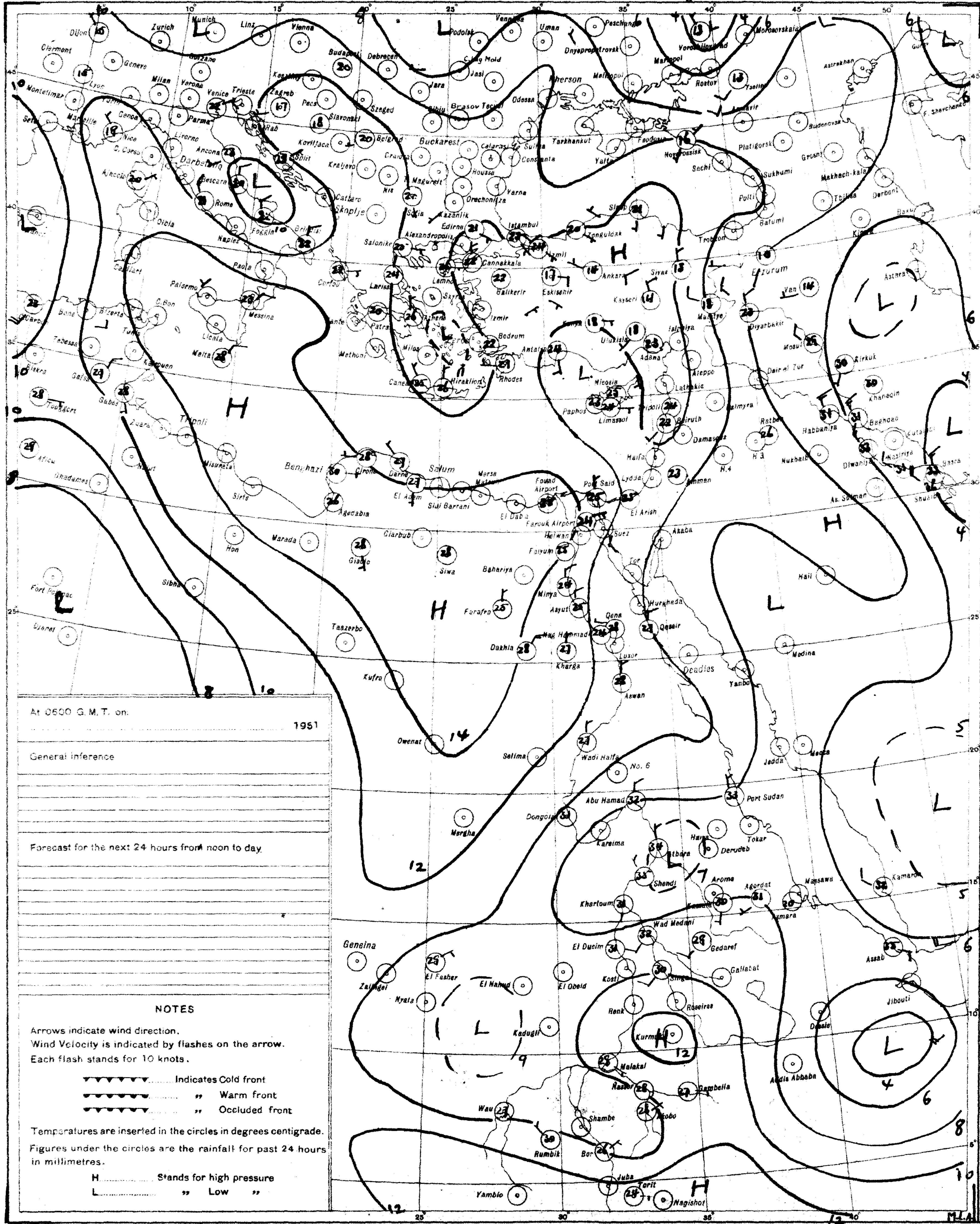
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 *Sunday 15/6/1952*



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 16th June, 1952

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	SALÛM	360	13	35	00	0	0	—	12.6	30	31	11
	303	SÎDI BARÂNI	350	12	30	00	0	0	—	13.0	30	33	12
	306	MATRÛH	340	10	30	02	0	0	—	13.8	29	37	13
	309	EL DABʿA											
		ALEXANDRIA	360	11	50	00	0	0	—	14.0	27	42	13
	318	FOUAD (Airport)	320	11	18	02	0	0	—	14.3	27	52	16
	330	DAMIETTA	340	5	35	02	0	0	—	14.3	24	57	15
	333	PORT SAʿÎD	20	11	30	02	0	0	—	12.4	26	62	18
	336	EL ʿARÎSH											
Lower Egypt	339	DAMANHÛR	40	9	15	02	0	0	—	13.6	32	36	15
	342	MANSÛRA	40	5	35	00	0	0	—	13.0	34	27	12
	348	TANTA	00	0	35	02	0	0	—	13.1	33	30	13
	354	ZAGAZIG	00	0	50	02	0	0	—	13.0	33	34	15
	441	ISMAʿÎLIA	340	2	35	00	0	0	—	12.4	33	21	8
Cairo Area	366	FAROUK (Airport)	10	9	30	00	0	0	—	12.7	34	22	9
	372	ALMÂZA	10	5	18	00	0	0	—	12.8	32	34	14
		EZBEKIYA	80	5	18	00	0	0	—	11.7	32	22	8
		GÎZA	80	5	18	00	0	0	—	12.6	33	24	10
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	12.2	34	14	3
	387	MINYA	350	9	10	00	0	0	—	11.0	34	23	10
	393	ASYÛT MANQABÂD	360	12	18	00	0	0	—	10.4	36	9	-2
	399	NAGʿ HAMMÂDI	320	2	35	00	0	0	—	9.1	36	37	19
	402	QENA	220	1	50	00	0	0	—	8.0	39	21	13
	405	LUXOR											
	414	ASWÂN	340	3	50	00	0	0	—	7.6	38	16	8
Oases	417	SÎWA	260	4	14	00	0	0	—	14.6	38	13	5
	420	BAHARÎYA	360	3	35	02	0	0	—	12.8	35	32	16
	423	FARAFRA	40	6	35	02	0	0	—	15.1	36	17	7
	432	DAKHLA	340	15	50	00	0	0	—	11.4	35	19	8
	435	KHARGA	360	3	15	00	0	0	—	9.0	36	20	10
Red Sea	450	SUEZ	360	3	50	02	0	0	—	11.6	32	24	9
	459	TÔR	310	13	35	02	0	0	—	8.6	28	62	20
	462	HURGHADA	360	10	30	02	0	0	—	8.4	28	66	21
	465	QUSEIR	20	13	15	02	0	0	—	7.4	29	70	23
	641	PORT SUDÂN	50	13	30	02	0	0	—	6.8	33	44	19
North Sûdân	600	WÂDI HALFA	340	10	50	02	0	0	—	7.3	37	8	-3
	640	ABU HAMAD	290	2	30	02	0	0	—		41	8	1
	660	KAREIMA	290	4	30	02	0	0	—	5.5	40	8	0
	680	ATBARA	290	2	30	03	0	1	AC	3.1	42	9	3
	721	KHARTÛM	290	2	30	01	2	5	Cu,AC	4.5	39	20	12
	730	KASSALA	340	2	30	02	2	4	Cu,CS	3.7	40	20	13
Central Sûdân	751	WAD MEDANI	230	9	35	02	1	5	Cu	2.3	39	23	14
	801	RENK											
	802	ROSEIRES	240	2	35	02	1	5	Cu	4.0	37	27	15
	771	EL OBEID											
	760	EL FÂSHER	50	6	30	03	1	3	AC		37	13	4
	770	GENEINA	40	6	30	03	1	6	Cu,AC		37	16	7
S. Sûdân	840	MALAKÂL	180	4	30	03	2	8	Cu,AC	5.6	36	33	17
	880	WAU											
	941	JUBA	180	7	30	03	1	5	Cb	5.9	33	44	19

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
SALÛM	220	2	15	00	0	0	—	13.1	25	61	17	0
SÎDI BARÂNI	200	2	15	00	0	0	—	12.4	25	45	12	0
MATRÛH	00	0	18	02	0	0	—	13.4	24	54	14	0
EL DABʿA	00	0	7	00	0	0	—		24	54	14	0
ALEXANDRIA	00	0	35	00	0	0	—	13.1	25	54	15	0
FOUAD (Airport)	00	0	12	02	0	0	—	13.0	24	54	14	0
DAMIETTA	320	2		02	0	0	—	12.7	23	74	18	0
PORT SAʿÎD	10	8	14	02	0	0	—	12.9	24	74	19	0
EL ʿARÎSH	340	5	18	00	0	0	—	12.5	23	84	20	0
DAMANHÛR	40	5	15	02	0	0	—	12.7	24	61	16	0
MANSÛRA	20	5		00	0	0	—	13.0	26	48	14	0
TANTA	00	0	35	02	0	0	—	13.0	26	42	12	0
ZAGAZIG	00	0	35	02	0	0	—	13.0	28	45	15	0
ISMAʿÎLIA	20	2	35	02	0	0	—	12.8	26	42	12	0
FAROUK (Airport)	20	11	12	00	0	0	—	12.6	30	31	11	0
ALMÂZA	40	11	12	00	0	0	—	12.3	30	38	14	0
EZBEKIYA	00	0	12	00	0	0	—	12.2	28	33	10	0
GÎZA	00	0	12	00	0	0	—	12.5	30	31	11	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	12.4	31	31	12	0
MINYA	360	5	8	00	0	0	—	10.7	26	48	14	0
ASYÛT MANQABÂD	310	5	14	00	0	0	—	10.9	27	33	9	0
NAGʿ HAMMÂDI												
QENA	40	1	7	00	0	0	—	7.8	35	12	1	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	6.1	33	24	10	0
SÎWA	00	0	10	00	0	0	—	12.7	32	26	10	0
BAHARÎYA	00	0	15	02	0	0	—	13.3	30			0
FARAFRA	340	3	15	02	0	0	—	13.4	30	25	8	0
DAKHLA	360	11	50	00	0	0	—	11.6	33	21	8	0
KHARGA	360	2	15	00	0	0	—	12.0	34	22	9	0
SUEZ	360	3	15	02	0	0	—	12.3	27	37	11	0
TÔR	360	19	35	02	0	0	—	9.1	33	24	10	0
HURGHADA	330	16	12	02	0	0	—	8.0	27	55	17	0
QUSEIR	360	9	15	02	0	0	—	7.6	29	35	12	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTÛM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Monday 16th June, 1952

Wind 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
00	0	15	00	0	0	—	12.7	+0.2	26	37?	+7	22	+3	48	14	0	Rain		SALÛM
290	12	18	00	0	0	—	12.6		24	33		19		47	12	0	115		SÎDI BARÂNI
300	10	18	02	0	0	—	12.7	-0.1	24	32		18		74	19	0	135		MATRÛH
00	0	15	00	0	0	—			24	32		16		61	16	0	214		EL DABʿA
00	0	50	00	0	0	—	12.2	-0.4	25	28	0	21	0	70	19	0	166	186	ALEXANDRIA
										29	+1							138	FOUAD (Airport)
70	2	15	00	0	0	—	11.6?	+0.3	26	29	0	19	-1	48	14	0	171	106	DAMIETTA
330	3	11	02	0	0	—	11.8	-0.1	25	28	0	22	-1	74	20	0	92		PORT SAʿÎD
00	0	18	00	0	0	—	11.5	+0.1	27	28		18		52	16	0	101		EL ʿARÎSH
40	5	15	02	0	0	—	12.3	+0.5	25	33	+1	19	+1	61	17	0	87	101	DAMANHÛR
360	3	35	00	0	0	—	12.3	+0.5	27	35	+1	18	-1	55	17	0	62	55	MANSÛRA
00	0	35	02	0	0	—	11.8	-0.4	26	34	0	16	-2	45	13	0	65	44	TANTA
00	0	35	02	0	0	—	11.4	-0.4	27	35	+1	18	0	52	16	0	30	27	ZAGAZIG
340	2	35	01	0	0	—	11.9		26	34		18		37	10	0			ISMAʿÎLIA
340	2	14	00	0	0	—	12.5		26	34		22		40	11	0	83		FAROUK (Airport)
360	4	12	00	0	0	—	11.8	-0.2	26	35	0	22	+2	51	15	0	71		ALMÂZA
20	5	10	00	0	0	—	11.9	+0.2	26	34	-1	22	+2	48	14	0	61	26	EZBEKIYA
20	5	10	00	0	0	—	12.3	+0.6	26	35	0	16	-2	48	14	0	58	27	GÎZA
																		29	HELWÂN
00	0	35	02	0	0	—	11.6	+0.2	29	35	-1	19	-1	35	12	0	23	8	FAIYÛM
360	1	10	00	0	0	—	11.5	-0.3	28	35	-1	17	-2	42	14	0	5		MINYA
310	6	15	00	0	0	—	11.1	+0.6	28	36	-1	22	+1	35	11	0	3		ASYÛT MANQABÂD
00	0	15	00	0	0	—	10.6	+1.7	26			18	-2	48	14	0	0.1		NAGʿ HAMMÂDI
00	0	35	00	0	0	—	9.5	+0.9	30	40	-1	22	-1	31	11	0	2		QENA
200	3	30	00	0	0	—	9.0	+0.3	30			20		13	-1	0	dr.		LUXOR
360	8	50	00	0	0	—	9.3	+0.6	30	39	-3	24	-2	25	8	0	dr.		ASWÂN
360	4	14	00	0	0	—	13.9	+0.4	28	40	+2	21	+2	27	7	0	26	8	SÎWA
00	0	35	02	0	0	—	12.4	+0.1	31	37	+1	20	+1	43	17	0	1	7	BAHARÎYA
220	1	35	02	0	0	—	13.0		27	37		18		33	9	0	Rain		FARAFRA
340	9	50	00	0	0	—	12.2	+1.2	30	37	-3	23	+1	31	11	0	dr.		DAKHLA
360	2	15	00	0	0	—	10.7	+1.2	31	37	-2	26	+3	28	10	0	dr.		KHARGA
360	2	35	00	0	0	—	11.1	+0.3	28	34	-1	18	-3	40	13	0	44	17	SUEZ
270	9	35	02	0	0	—	9.6	+1.2	27			23	0	55	17	0	1	13	TÔR
320	9	30	02	0	0	—	9.0	+0.4	27	28	-3	23	0	62	19	0	Rain		HURGHADA
360	9	15	02	0	0	—	8.6	+0.3	29	30	-3	25	-1	46	16	0	dr.	4	QUSEIR
20	8	30	02	0	0	—	6.5		33	39		24		38	17	0		97	PORT SUDÂN
360	13	30	02	0	0	—	9.3		28	39		22		19	2	0			WÂDI HALFA
360	5	30	02	0	0	—			33	42		25		8	-5	0			ABU HAMAD
360	7	30	02	0	0	—	7.6		30	41		23		13	-1	0		2	KAREIMA
340	4	30	01	2	5	AC,CS	5.4		34	43		27		12	0	0		8	ATBARA
280	2	15	05	1	4	AC	8.0		32	40		29		17	4	0		11	KHARTÛM
																		35	KASSALA
																		40	WAD MEDANI
																		128	RENK
																		170	ROSEIRES
260	10	30	02	2	7	AC	8.1		30	40		28		43	16	0		52	EL OBEID
110	8	30	02	2	5	AC,Ci			30	38		25		18	3	0		23	EL FÂSHER
																		50	GENEINA
																		259	MALAKÂL
360	6	30	02	2	8	AC	11.0		26	36		23		79	22	0		451	WAU
180	7	15	04	0	8	Cu,AC	11.1		26	34		22		70	20	0		539	JUBA

HUMIDITY Mean of day

Station	on 15th	Diff. from normal
Alexandria	69	-3
Ezbekiya	44	-10
Giza	45	-8
Helwan		

GÎZA
Grass minimum temp. on 16th 14.6 °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 ... | 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 15th

Station	Matruh		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		Port Said		S. Barani								Minya	
Time	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	340	11	360	24	340	18	300	10	360	19	20	23	360	17	330	10	320	16							360	8
500	330	13	360	21	340	21	290	14	10	19	20	26	340	23	320	16	310	16							350	7
1000	220	13	360	23	350	16	300	17	20	27	20	25	310	23	320	15	300	17							340	6
1500	350	11	10	27	20	24	310	15	360	22			310	23	340	14	310	17							10	9
2000	310	10					320	20	360	37					340	16	310	27								
3000							330	18							330	20	300	30								
4000															320	12										
5000															290	13										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWAN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWAN		HURGHADA			
Time	8		4		8		2		6				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	330	12	300	9	300	6	220	2	140	2			10	4	330	9			30	12				
600	340	12	340	9	90	1	360	4	60	6			40	3	360	16			350	25				
1000	360	17			350	4	320	2	30	10			30	3	360	19			340	16				
1500	340	24	310	25	330	11	310	4	20	10			320	2	340	23			360	13				
2000	320	28	320	26	320	20	310	8	360	11					340	33			350	13				
3000					320	23	320	12							360	16								
4000					310	30	300	16																
5000					330	23																		
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	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	360	12	10	26	300	5	360	15																
600	10	11	10	29	340	8	360	19																
1000	340	14	10	23	350	16	10	19																
1500	340	27			330	23	10	15																
2000	330	27																						
3000	320	28																						
4000	330	33																						
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.

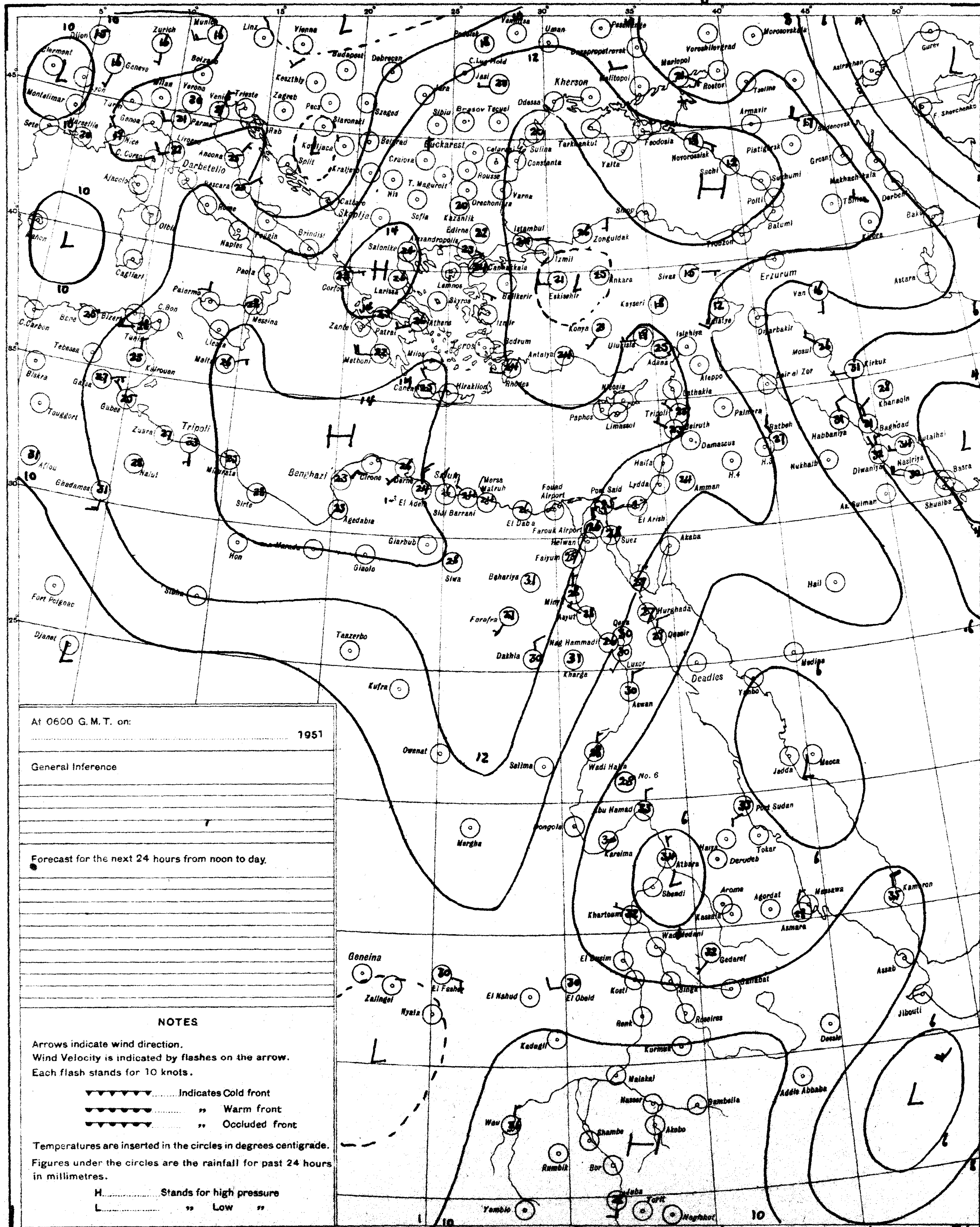
Printed by the Survey of Egypt 1949 (49/557) (50/531)

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 16/6/1952



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(45/557) (50/531)

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 54 G.M.T.
" " Sunset 16 58 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 17th June, 1952

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	SALÛM	360	13	35	00	0	0	—	12.4	27	52	16
	303	SÎDI BARÂNI	340	7	18	02	1	2	Sc	12.7	25	74	20
	306	MATRÛH	230	13	30	02	0	0	—	13.0	25	74	20
	309	EL DABA	320	3	35	00	0	0	—		26	70	20
		ALEXANDRIA	360	10	50	00	0	0	—	11.8	27	62	19
	318	FOUAD (Airport)	340	12	18	02	0	0	—	11.4	28	52	17
	330	DAMIETTA	40	2	35	02	0	0	—	10.7	28	45	15
	333	PORT SA'ID	20	11	30	01	0	0	—	9.8	28	55	18
	336	EL 'ARISH	360	8	30	00	0	0	—	10.3	27	62	19
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	11.5	32	38	16
	342	MANSURA	340	3	35	00	0	0	—	10.7	34	22	9
	348	TANTA	00	0	35	02	0	0	—	11.0	33	24	10
	354	ZAGAZIG	320	1	50	02	0	0	—	10.4	34	32	15
	441	ISMA'ILIA	20	2	35	02	0	0	—	9.9	34	18	6
Cairo Area	366	FAROUK (Airport)	330	6	30	00	0	0	—	10.9	33	17	5
	372	ALMAZA	360	6	18	00	0	0	—	10.4	33	21	8
		EZBEKIYA	00	0	30	00	0	0	—	10.2	34	22	9
		GIZA	00	0	30	00	0	0	—	11.0	34	18	8
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	10.3	35	19	8
	387	MINYA	20	10	12	00	0	0	—	8.4	36	20	10
	393	ASYÛT MANQABÂD	320	12	30	00	0	0	—	7.5	37	12	3
	399	NAG' HAMMÂDI	160	2	35	00	0	0	—	7.0	38	13	5
	402	QENA	320	1	50	00	0	0	—	6.6	41	14	8
	405	LUXOR											
	414	ASWÂN	360	2	50	00	0	0	—	5.6	39	14	7
Oases	417	SÎWA	340	12	14	00	0	0	—	12.2	39	14	7
	420	BAHARÎYA	360	2	35	02	0	0	—	9.9	37	31	17
	423	FARAFRA	340	6	15	02	0	0	—	10.3	41	12	6
	432	DAKHLA	340	19	35	06	0	0	—	9.4	39	17	10
	435	KHARGA	360	10	7	00	0	0	—	7.8	39	17	10
Red Sea	450	SUEZ	360	3	50	02	0	0	—	8.4	35	19	8
	459	TÛR											
	462	HURGHADA	10	13	30	02	0	0	—	5.8	29	55	19
	465	QUSEIR	20	9	15	02	0	0	—	6.6	30	35	13
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA		3	30	00	0	0	—	4.0	41		
	680	'ATBARA	230	2	30	03	1	4	Ac Cs	1.5	43	9	4
	721	KHARTÛM	290	9	30	01	2	4	Ac	3.8	40	6	-5
	730	KASSALA	270	2	30	01	1	3	Cu	1.6	42	15	10
Central Sudan	751	WÂD MEDANI	180	9	35	02	2	5	Cc	1.6	39	20	12
	801	RENK											
	802	ROSEIRES	230	5	35	02	1	6	Cu, Ac	6.8	33	41	18
	771	EL OBEID	200	15	10	07	2	7	Cu, Ac	6.4	34	63	26
	760	EL FÂSHER	00	0	50	02	1	5	Cu, Cc		37	13	4
	770	GENEINA	140	9	50	12	1	5	Cu, Ac		36	25	13
S. Sudan	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

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.
SALÛM												
SÎDI BARÂNI												
MATRÛH	320	8	18	03	2	7	Sc	13.5	22	89	20	0
EL DABA	320	4	7	01	1	3	Sc		23	84	20	0
ALEXANDRIA	40	16	35	01	1	3	Sc	11.9	22	89	20	0
FOUAD (Airport)	360	8	14	03	0	5	Sc	11.9	22	89	20	0
DAMIETTA	20	2		02	0	0	—	11.6	24	69	18	0
PORT SA'ID	20	14	15	02	0	0	—	10.7	25	70	19	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	11.6	25	70	19	0
MANSURA	20	5		00	0	0	—	11.8	25	54	15	0
TANTA												
ZAGAZIG	00	0	35	02	0	0	—	11.3	27	55	17	0
ISMA'ILIA												
FAROUK (Airport)	70	16	14	00	0	0	—	11.1	29	40	14	0
ALMAZA	320	11	12	00	0	0	—	11.4	29	40	14	0
EZBEKIYA	90	4	12	00	0	0	—	11.1	29	37	13	0
GIZA	90	4	12	00	0	0	—	11.6	29	40	14	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	9.9	31	22	7	0
MINYA	360	4	8	00	0	0	—	8.1	28	31	9	0
ASYÛT MANQABÂD	310	2	18	00	0	0	—	7.8	31	26	9	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	7.4	30	52	19	0
QENA	290	1	7	00	0	0	—	5.6	35	15	5	0
LUXOR												
ASWÂN	360	4	15	00	0	0	—	6.0	35	15	5	0
SÎWA	340	12	10	00	0	0	—	12.3	33	26	11	0
BAHARÎYA	360	3	15	02	0	0	—	11.2	30	46	17	0
FARAFRA	340	4	15	02	0	0	—	10.0	31	22	7	0
DAKHLA	340	19	35	00	0	0	—	7.0	34	25	11	0
KHARGA	360	4	15	00	0	0	—		32	15	2	0
SUEZ	360	3	15	02	0	0	—	10.4	26	55	16	0
TÛR												
HURGHADA	320	13	30	02	0	0	—	6.6	27	62	19	0
QUSEIR												
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 Tuesday 17th June, 1952

Station	Wind 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	110	2	15	00	0	0	—	14.2	+1.8	25			19	0	70	19	0	Rain	
SÎDI BARÂNI	300	7	18	02	1	1	Sc	13.9		23			18		84	20	0	115	
MATRÛH											26								
EL DABA	340	5	15	00	0	0	—			24	27		19		74	19	0	214	
ALEXANDRIA	310	12	50	01	2	3	Cu	12.8	+0.3	23	28	0	21	0	84	20	0	166	186
FOUAD (Airport)	320	7	18	02	1	4	Sc	12.4	+0.4	24	28	0	20	0	84	21	0	Rain	138
DAMIETTA	360	2	35	00	0	0	—	11.4	+0.2	25	29	0	20		70	19	0	171	106
PORT SA'ID	20	5	15	01	0	0	—	10.3	-1.2	24	28	0	22	-1	79	20	0	92	
EL 'ARISH																			
DAMANHUR	40	5	15	02	0	0	—	12.4	+0.7	26	33	+1	20	+2	55	16	0	87	101
MANSURA	40	5	35	00	0	0	—	11.9	+0.3	26	35	+1	19	0	62	18	0	62	55
TANTA																			44
ZAGAZIG											36	+2							27
ISMA'ILIA	20	2	35	01	0	0	—	11.5		25			19		61	17	0		
FAROUK (Airport)	50	6	13	00	0	0	—	12.3		24	35		19		65	17	0	83	
ALMAZA	50	9	14	00	0	0	—	11.6	-0.4	24			19	-1	69	18	0	71	
EZBEKIYA	360	6	12	00	0	0	—	11.6	0.0	24	35	0	19	-1	65	17	0	61	26
GIZA	360	6	12	00	0	0	—	12.3	+0.6	24	35	0	18	0	69	18	0	58	27
HELWÂN																			29
FAIYÛM	360	6	35	02	0	0		11.4	+0.1	25	36	0	19	-1	54	15	0	23	8
MINYA	360	9	10	00	0	0	—	10.0	-1.8	24	37	+1	19	0	54	14	0	5	
ASYÛT MANQABÂD	290	6	18	00	0	0	—	10.0	-0.4	25	38	+1	21	0	45	12	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	8.0	-0.9	27	38	0	19	-1	42	13	0	0.1	
QENA	320	1	35	00	0	0	—	7.5	-1.0	30			21	-2	35	13	0	2	
LUXOR																			
ASWÂN	360	5	50	00	0	0	—	7.5	-1.1	31	40	-2	25	-1	22	7	0	dr.	
SÎWA	50	6	14	00	0	0	—	14.4	+1.0	25	40	+2	20	+1	54	15	0	26	8
BAHARÎYA	20	4	35	02	0	0	—	12.6	+0.4	25	38	+2	19	0	40	11	0	1	7
FARAFRA	360	3	35	02	0	0	—	12.3		26			20		48	14	0	Rain	
DAKHLA	00	0	50	00	0	0	—	10.7	-0.2	30	40	0	23	+1	38	14	0	dr	
KHARGA	00	0	15	00	0	0	—	8.8	-0.6	29	39	0	23	0	35	12	0	dr	
SUEZ	360	7	35	00	0	0	—	10.3	-0.4	27	36	+1	20	-1	52	16	0	44	17
TÛR																			13
HURGHADA	340	11	30	02	0	0	—	7.3	-1.2	26	29	-2	24	+1			0	Rain	
QUSEIR	360	9	15	02	0	0	—	6.4	1.8	28			24	-2	58	19	0	dr	4
PORT SÛDÂN	90	1	30	01	2	2	Ac	6.2		35	35		20		20	9	0		97
WÂDI HALFA	340	8	30	03	0			8.0		28	41		23		19	2	0		
ABU HAMAD	360	8	30	02	0	0	—			33	43		25		9	-4	0		
KAREIMA	20	10	30	03	1			5.6		33	42		27		13	1	0		2
'ATBARA																			8
KHARTÛM	180		30	03	1			7.8		30	42		25		43	16	0		12
KASSALA	200	13	30	02	0	0	—	8.2		30	43		25		40	15	0		35
WÂD MEDANI																			41
RENK																			131
ROSEIRES																			174
EL OBEID	260	9	30	03	1	4	Ac	8.9		29	36		25		52	18	0		53
EL FÂSHER	00	0	30	02	2	8	Cs			25	38		23		26	4	0		23
GENEINA																			52
MALAKÂL	160	2	30	01	2	7	Ac Cs	11.0		27	33		21		62	19	dr.		263
WÂU																			457
JUBA	180	5	30	03	1	7	Cb, Ac	12.1		26	34		22		79	22	0		544

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		4		3		2						2		8				8		8		3 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	20	7	330	10	330	12	40	14					360	5	340	12			360	11	350	14	40	13
600	20	14	320	20	20	19	40	13					350	6	340	9			340	8	340	15	40	17
1000	20	16	360	14	30	18	30	15					350	6	10	22			340	13	320	20	30	19
1500	20	20	20	12			20	16					360	3	360	17			340	7	270	30	360	20
2000	30	23	30	17																			20	18
3000	20	23																						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu 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			So	37			20	14	20	17														
600			So	37			20	22	30	21					180	15								
1000							10	21	10	22					180	5			250	15				
1500							340	23	10	27					360	7			320	15				
2000							340	25											350	16				
3000									20	2									100	5				
4000																								
5000																			90	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.

HUMIDITY %
Mean of day

Station	on 16th	Diff. from normal
Alexandria	70	-2
Ezbekiya	42	-12
Giza	39	-14
Helwân		

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

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 16th

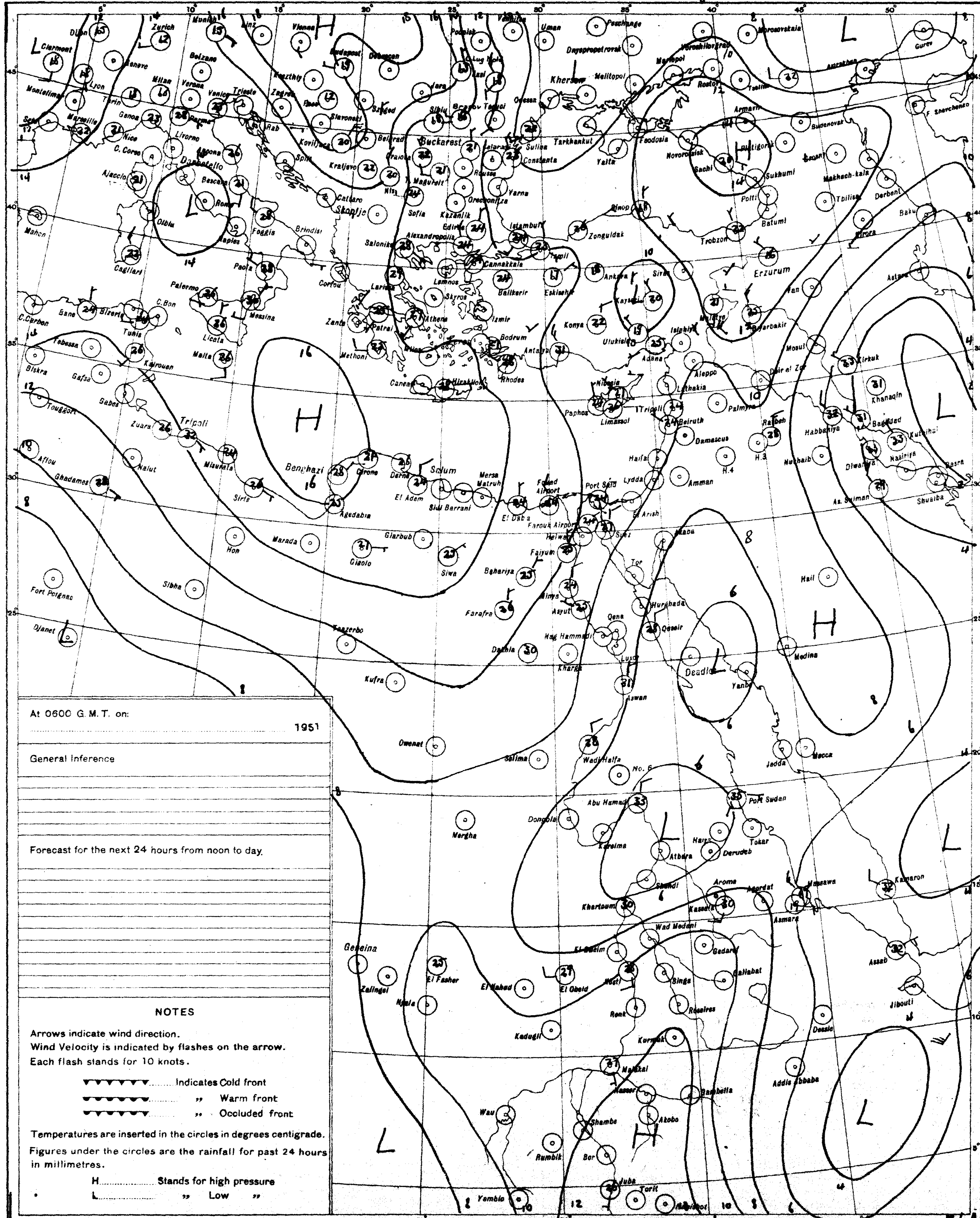
Height m.	Matrûh Dir.	Matrûh Vel.	Port Said Dir.	Port Said Vel.	El Arîsh Dir.	El Arîsh Vel.	Minya Dir.	Minya Vel.	Asyût Dir.	Asyût Vel.	Sîwa Dir.	Sîwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.			Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.	Fouad A.A. Dir.	Fouad A.A. Vel.
Time	14		14		14		14		14		14		14		14				21 30		20		20		20	
300	330	16	10	15	340	12	360	13	340	17	330	19	330	27	10	16			40	16	310	5	360	14	360	11
600	320	6	350	9	360	12	360	13	340	22	330	18	320	31	350	18			40	16	300	4	30	15	20	12
1000	330	8	340	5	10	2	350	15	340	25	330	25	320	29	350	19			10	17	310	6	30	13		
1500			360	2	10	8	320	17	340	28	330	28			320	28			340	14	360	7	60	10		
2000			170	5	350	6			350	33	340	23							360	14						
3000					320	9			350	15	350	35														
4000																										
5000																										
6000																										
7000																										
8000																										

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 17/6/1952



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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 54 G.M.T.

" " Sunset 16 58 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 18th June, 1952

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	5	35	00	0	0	—	14.0	31	38	15
	303	SIDI BARÂNI	320	12	18	00	0	0	—	14.2	26	74	21
	306	MATRÛH	310	13	30	02	0	0	—	14.6	27	62	19
	309	EL DABA	340	6	35	00	0	0	—		26	70	20
		ALEXANDRIA	310	16	50	00	0	0	—	12.8	26	74	21
	318	FOUAD (Airport)	320	13	18	02	0	0	—	12.5	26	74	21
	330	DAMIETTA	340	5	35	02	0	0	—	12.3	27	62	19
	333	PORT SAÏD											
	336	EL ARISH	350	8	30	00	0	0	—	10.2	26	70	20
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	11.5	31	43	17
	342	MANSURA	360	5	35	00	0	0	—	11.0	34	27	12
	348	TANTA	360	8	35	02	0	0	—	11.0	33	30	13
	354	ZAGAZIG	320	1	50	02	0	0	—	11.6	35	32	16
	441	ISMAÏLIA	20	2	35	02	0	0	—	10.4	33	24	10
Cairo Area	366	FAROUK (Airport)	20	18	18	00	0	0	—	10.3	34	23	10
	372	ALMAZA	40	16	30	00	0	0	—	10.3	33	32	14
		EZBEKIYA	60	8	18	00	0	0	—	10.4	33	30	13
		GIZA	60	8	18	00	0	0	—	10.2	34	47	12
	378	HELWÂN											
Upper Egypt	381	FAIYUM	360	8	35	02	0	0	—	10.7	34	22	9
	387	MINYA	350	15	10	00	0	0	—	9.0	34	27	12
	393	ASYUT MANQUBAD	360	12	15	00	0	0	—	7.9	36	11	1
	399	NAG HAMMADI	290	15	35	00	0	0	—	7.5	35	23	11
	402	QENA	270	1	50	00	0	0	—	7.0	39	14	7
	405	LUXOR											
	414	ASWÂN	360	3	50	00	0	0	—	6.3	39	14	7
Oases	417	SIWA	320	8	14	00	0	0	—	13.9	36	19	9
	420	BAHARIYA	40	6	35	02	0	0	—	10.8	35	42	20
	423	FARAFRA	40	6	35	02	0	0	—	11.5	35	23	11
	432	DAKHLA	340	15	35	00	0	0	—	9.5	36	10	-1
	435	KHARGA	340	8	15	00	0	0	—	8.0	36	20	10
Red Sea	450	SUEZ	360	8	50	02	0	0	—	8.8	33	34	15
	459	TÛR	310	13	35	05	0	0	—	6.8	30	55	20
	462	HURGHADA	360	13	30	02	0	0	—	5.9	27	70	21
	465	QUSEIR	40	9	15	02	0	0	—	4.7	30	59	21
	641	PORT SUDÂN	50	13	30	02	0	0	—	4.9	36	31	16
North Sudan	600	WÂDI HALFA	310	10	30	03	0	1	Ci	5.6	40	9	1
	640	ABU HAMAD	270	2	30	02	0	0	—		41	7	-2
	660	KAREIMA	310	5	30	01	1	4	Cs	4.5	41	8	1
	680	ATBARA											
	721	KHARTUM											
	730	KASSALA	270	9	30	03	0	2	Cu,Cs	4.2	40	23	15
Central Sudan	757	WAD MEDANI	230	9	35	02	0	0	—	4.7	39		
	801	RENK											
	802	ROSEIRES	30	2	35	01	2	4	AC	7.6	33	47	20
	771	EL OBEID	270	5	30	01	2	6	Cu,AC	5.7	37	22	12
	760	EL FASHER	00	0	50	03	2	2	Cu,AC		47	10	8
	770	GENEINA	40	2	30	02	0	1	Cu		46	8	4
S. Sudan	840	MALAKÂL											
	880	WÂU	250	2	30	02	2	7	AC	8.8	29	62	21
	941	JUBA	180	4	30	04	2	6	St,AC	7.5	32	43	18

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	—	13.6	28	45	15	0
303	SIDI BARÂNI	320	10	18	00	0	0	—	13.6	23	89	21	0
306	MATRÛH	280	5	15	02	0	0	—	14.0	22	94	21	0
309	EL DABA	00	0	35	00	0	0	—		23	84	20	0
	ALEXANDRIA	360	16	35	00	0	0	—	12.4	23	89	21	0
318	FOUAD (Airport)	320	13	12	02	0	0	—	11.9	23	89	21	0
330	DAMIETTA	320	5		02	0	0	—	11.8	24	84	21	0
333	PORT SAÏD	360	12	14	02	0	0	—	9.5	24	84	21	0
336	EL ARISH												
339	DAMANHUR	40	9	15	02	0	0	—	12.2	25	70	19	0
342	MANSURA	360	5		00	0	0	—	11.9	26	55	16	0
348	TANTA	00	0	35	02	0	0	—	11.6	27	52	16	0
354	ZAGAZIG	00	0	35	02	0	0	—	11.2	28	52	17	0
441	ISMAÏLIA	360	2	35	07	0	0	—	10.8	26	48	14	0
366	FAROUK (Airport)	20	14	12	00	0	0	—	10.5	29	40	14	0
372	ALMAZA	40	8	12	00	0	0	—	10.7	29	40	14	0
	EZBEKIYA	90	4	12	00	0	0	—	11.0	29	37	13	0
	GIZA	90	4	12	00	0	0	—	10.9	29	40	14	0
378	HELWÂN												
381	FAIYUM	360	4	35	02	0	0	—	9.9	31	33	13	0
387	MINYA	340	5	8	00	0	0	—	8.8	27	42	13	0
393	ASYUT MANQUBAD	320	8	10	00	0	0	—	7.8	29	31	10	0
399	NAG HAMMADI	00	0	15	00	0	0	—	6.6	29	46	16	0
402	QENA	220	1	7	00	0	0	—	5.9	31	28	10	0
405	LUXOR												
414	ASWÂN	00	0	15	00	0	0	—	6.0	35	15	5	0
417	SIWA	50	1	10	00	0	0	—	13.4	32	34	14	0
420	BAHARIYA	40	3	15	02	0	0	—	9.4	31	52	20	0
423	FARAFRA	360	6	15	02	0	0	—	11.4	30	35	13	0
432	DAKHLA	360	11		00	0	0	—	9.0	32	15	2	0
435	KHARGA	360	4	15	00	0	0	—	8.3	30	16	1	0
450	SUEZ	360	6	15	02	0	0	—	10.0	27	55	17	0
459	TÛR	290	13	35	02	0	0	—	5.9	29	59	20	0
462	HURGHADA												
465	QUSEIR	360	9	15	02	0	0	—		28	62	20	0
641	PORT SUDÂN												
600	WÂDI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	ATBARA												
721	KHARTUM												
730	KASSALA												
757	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FASHER												
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Wednesday 18th June, 1952

Station	Wind 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	140	2	15	00	0	0	—	13.9	+1.6	28	32	+2	22	+3	49	16	0		
SIDI BARÂNI	290	10	18	00	0	0	—	13.9		25	26		19		70	19	0		
MATRÛH											27								
EL DABA	320	5	15	00	0	0	—			24			20		84	21	0	214	
ALEXANDRIA	360	11	50	00	0	0	—	12.6	+0.1	26	27	-1	22	+1	62	18	0	166	186
FOUAD (Airport)	360	6	18	02	0	0	—	13.0	+1.0	26	27	-1	22	+2	70	20	0	Rain	138
DAMIETTA	160	2	15	00	0	0	—	12.6	+1.5	27	27	-2	20	0	70	21	0	171	106
PORT SAÏD	20	2	14	01	0	0	—	11.7	+0.3	26	26	-2	22	-1	79	22	0	92	
EL ARISH	150	2	30	01	1	1	Cu	10.8	-0.4	27			20				0	101	
DAMANHUR	40	5	15	02	0	0	—	11.5	-0.1	28	32	0	19	+1	52	17	0	87	101
MANSURA	320	3	35	00	0	0	—	12.0	+0.4	26	34	0	20	+1	74	21	0	62	55
TANTA	00	0	35	02	0	0	—	11.8	0.0	26	34	0	18	0	70	20	0		44
ZAGAZIG	00	0	35	02	2	8	Sc	11.4	-0.2	22	35	+1	18	0	89	20	0	30	27
ISMAÏLIA	90	2	35	01	0	0	—	11.6		25	33		19		74	20	0		
FAROUK (Airport)	20	9	12	03	2	6	Sc	11.8		22	35		20		78	18	0	83	
ALMAZA	40	6	12	01	2	4	Sc	12.1	+0.2	22			20	0	89	20	0	71	
EZBEKIYA	30	4	10	02	2	7	St	12.0	+0.4	25	35	0	21	+1	61	17	0	66	26
GIZA	30	4	10	02	2	7	St	11.7	+0.1	24	34	-1	20	+2	74	19	0	58	27
HELWÂN																			29
FAIYUM	360	4	35	02	0	0	—	11.8	+0.6	25	35	-1			70	19	0	23	8
MINYA	350	16	10	00	0	0	—	10.7	-1.0	25	34	-2	20	+1	70	19	0	5	
ASYUT MANQUBAD	320	7	15	00	0	0	—	9.8	-0.5	26	37	0	20	-1	48	14	0	3	
NAG HAMMADI	00	0	15	00	0	0	—	9.5	+0.7	26	38	0	20	0	40	11	0	0.1	
QENA	220	1	35	00	0	0	—	8.3	-0.1	30	41	0	21	-2	31	11	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	8.0	-0.5	31	41	-1	23	-3	31	12	0	dr.	
SIWA	300	3	14	00	0	0	—	14.7	+1.3	26	37	-1	19	0	40	11	0	26	8
BAHARIYA	20	5	35	02	0	0	—	12.4	+0.3	27	35	-1	21	+2	52	16	0	1	7
FARAFRA	360	3	15	02	0	0	—	12.6		27	36		19		40	12	0	Rain	
DAKHLA	360	4	35	00	0	0	—	11.5	+0.6	28	37	-3	23	0	45	15	0	dr.	
KHARGA	360	4	15	00	0	0	—	10.7	+1.3	28	37	-2	25	+2	22	4	0	dr.	
SUEZ	360	6	35	00	0	0	—	11.1	+0.5	28	34	-1	20	-1			0	44	17
TÛR	310	9	35	02	0	0	—	8.2	0.0	26			24	+1	70	20	0	1	13
HURGHADA																			
QUSEIR	360	13	15	02	0	0	—	7.1	-1.0	28	31	-2	24	-2	58	19	0	dr.	4
PORT SUDÂN																			97
WÂDI HALFA	70	3	30	02	0	0	—	7.6		31	42		26		22	7	0		
ABU HAMAD																			
KAREIMA	100	2	30	03	2	7	Cs	7.1		33	43		27		13	1	0		2
ATBARA																			8
KHARTUM	00	0	30	02	2	6	Cs	7.1		32	41		24		24	9	0		12
KASSALA	180	5	30	01	2	6	Ac,Cc	8.2		30	41		27		40	15	0		36
WAD MEDANI																			42
RENK																			133
ROSEIRES																			179
EL OBEID																			54
EL FASHER																			24
GENEINA																			54
MALAKÂL																			268
WÂU																			463
JUBA																			549

HUMIDITY

Mean of day

Station	On 17th	Diff. from normal
Alexandria	81	+9
Ezbekiya	50	-4
Giza	50	-4
Helwân		

GIZA GRASS MAXIMUM TEMP. ON 18th 19.7 °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 .....

Pressure 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 17th

Station	Fouad A.P.		Port Said		Asyut		Siwa		Dakhla		Kharga		Hurghada		S. Barani										Port Said	
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	350	17	340	16	320	19	20	11	360	23	350	19	360	21	320	14									20	13
600	350	22	350	16	340	15	20	14	360	24	350	25	350	20	340	11									20	10
1000	360	20	360	16	350	20	30	17	360	38	360	28	320	15	10	19									20	12
1500	10	20	10	16			40	13					300	23	360	26									30	9
2000			20	19			30	13							360	23									50	5
3000							30	22							30	19									40	9
4000							30	33																		
5000							20	20																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqubad		Luxor		Aswân		Hurghada			
Time	8		8				2		7						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	340	12	310	10			10	9	260	3					350	5	30	4	350	12				
600	350	12	360	13			20	23	20	12					20	12	360	3	340	11				
1000	360	12	10	13			20	20	20	21					40	13	360	4	340	13				
1500	20	14	340	16			40	12	30	22					40	18	320	5	320	15				
2000	30	17	30	13			140	2	40	14					70	8	330	6						
3000	10	25					50	9																
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	8		8		8		8		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	12	20	32	350	12	360	17	360	31														
600	50	16	20	41	340	16	360	23	10	23														
1000	50	18	20	41	360	16	10	23	10	18									240	33				
1500	40	20	20	5	10	24	360	19	330	11									290	11				
2000	30	26	60	7															10	12				
3000	20	36							240	9									350	9				
4000	30	35																						
5000	30	30							60	8									110	11				
6000									360	17									140	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.

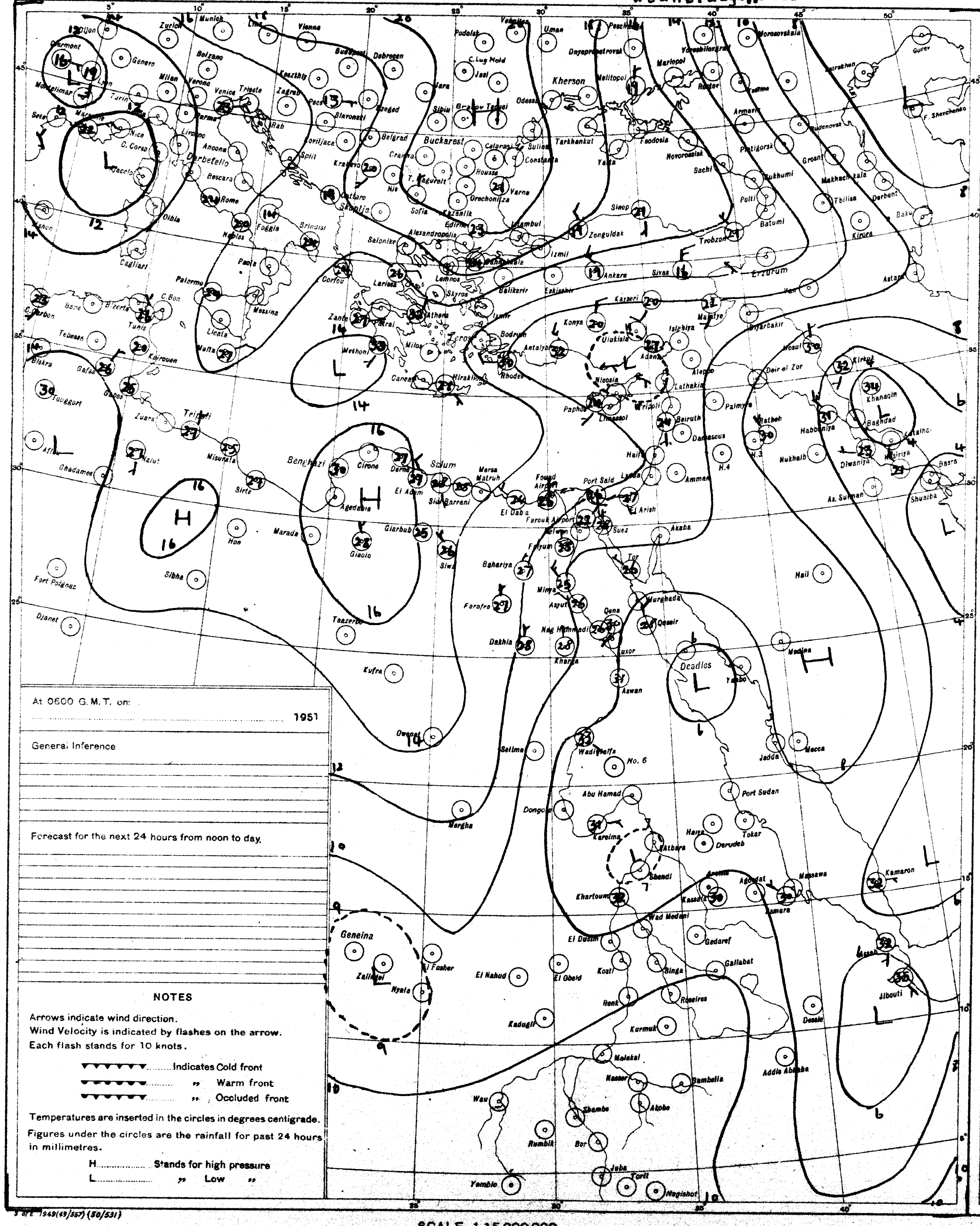
Note: All times are G.M.T.

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

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 18 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 58 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Thursday 19th June, 1952

At 1200 on Wednesday 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	20	13	35	00	0	0	—	13.0	30	35	13
	303	SÎDI BARÂNI	320	13	30	00	0	0	—	13.3	27	62	19
	306	MATRÛH											
	309	EL DABʻA	320	8	35	00	0	0	—		28	52	17
		ALEXANDRIA	360	16	50	00	0	0	—	11.9	27	70	21
	318	FOUAD (Airport)	330	15	18	02	0	0	—	11.8	28	66	21
	330	DAMIETTA	20	2	35	02	0	0	—	11.2	31	43	17
	333	PORT SAʻÎD	350	10	30	02	0	0	—	12.1			16
	336	EL ʻARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	11.5	34	36	17
	342	MANSURA	340	3	35	00	0	0	—	10.3	37	22	12
	348	TANTA											
	354	ZAGAZIG	00	0	50	02	2	0	—	10.8	36	33	17
	441	ISMAʻILIA	20	2	35	02	0	0	—	9.3	36	20	10
Cairo Area	366	FAROUK (Airport)	20	15	30	00	0	0	—	9.7	35	22	10
	372	ALMÂZA	20	10	30	00	0	0	—	10.1	35	29	14
		EZBEKIYA	50	5	30	00	1	0	—	10.2	34	23	10
		GÎZA	50	5	30	00	1	0	—	9.7	35	29	14
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	9.6	37	18	9
	387	MINYA	350	14	10	00	0	0	—	8.4	36	22	11
	393	ASYÛT MANQABÂD	360	10	30	00	0	0	—	7.6	38	6	-6
	399	NAGʻ HAMMÂDI	00	0	35	00	0	0	—	7.4	38	33	17
	402	QENA	270	1	50	00	0	0	—	6.3	40	19	12
	405	LUXOR											
	414	ASWÂN	290	2	50	00	0	0	—	4.8	40	15	9
Oases	417	SÎWA	50	8	14	00	0	0	—	15.2	38	14	6
	420	BAHARÎYA	20	2	35	02	0	0	—	10.0	37	31	17
	428	FARAFRA	40	10	15	02	0	0	—	11.4	36	20	10
	432	DAKHLA	20	15	50	00	0	0	—	9.0	37	14	6
	435	KHARGA	00	0	35	00	0	0	—	7.0	38	19	11
Red Sea	450	SUEZ	360	3	50	02	0	0	—	8.0	35	29	14
	459	TÔR	310	9	50	02	0	0	—	6.6	29	66	22
	462	HURGHÂDA											
	465	QUSEIR	20	9	15	02	0	0	—	6.8	29	79	25
	641	PORT SÛDÂN	50	17	30	02	0	0	—	4.9	33	63	25
North Sûdân	600	WÂDI HALFA	320	14	30	02	0	1	Cs	6.1	38	9	-1
	640	ABU HAMAD	270	2	30	01	1	0	—		41	7	-1
	660	KAREIMA	290	3	30	02	0	0	—	5.2	41	13	7
	680	ʻATBARA	320	4	30	01	1	0	—	3.3	42	7	-1
	721	KHARTÛM	110	3	30	01	2	4	Ci	3.1	40	11	4
	780	KASSALA	290	5	30	03	0	2	Cu	2.6	41	17	11
Central Sûdân	751	WÂD MEDANI	230	9	35	02	1	4	Ac	2.5	40	17	11
	801	RENK	190	9	35	02	1	7	Cu		36	31	16
	802	ROSEIRES											
	771	EL OBEID	320	7	30	02	2	7	Cu Ac	4.4	38	22	13
	760	EL FÂSHER											
	770	GENEINA	230	9	30	03	1	3	Cb, Ci		36	25	13
S. Sûdân	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on Wednesday 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	360	2	15	00	0	0	—	13.4	27	42	13	0
SÎDI BARÂNI	300	5	18	00	0	0	—	12.9	24	83	21	0
MATRÛH	290	9	15	02	0	0	—	13.7	24	84	21	0
EL DABʻA	320	6	7	00	0	0	—		24	84	21	0
ALEXANDRIA	360	10	35	00	0	0	—	11.0	24	94	23	0
FOUAD (Airport)												
DAMIETTA												
PORT SAʻÎD	20	13	15	02	0	0	—	9.1	25	84	22	0
EL ʻARISH												
DAMANHUR												
MANSURA	340	5		00	0	0	—	11.0	29	46	16	0
TANTA	00	0	35	02	0	0	—	10.8	27	62	19	0
ZAGAZIG	320	1	35	02	0	0	—	11.2	29	52	18	0
ISMAʻILIA												
FAROUK (Airport)												
ALMÂZA												
EZBEKIYA	70	6	12	00	0	0	—	10.4	28	42	14	0
GÎZA	70	6	12	00	0	0	—	10.4	31	38	15	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	10.3	32	28	11	0
MINYA	360	4	8	00	0	0	—	8.3	27	42	13	0
ASYÛT MANQABÂD	300	8	12	00	0	0	—	7.3	31	28	10	0
NAGʻ HAMMÂDI	00	0	15	00	0	0	—	7.0	27	42	13	0
QENA												
LUXOR												
ASWÂN	00	0	15	00	0	0	—	5.6	36	17	7	0
SÎWA	00	0	10	00	0	0	—	12.4	34	29	13	0
BAHARÎYA	360	3	15	02	0	0	—	11.0	31	52	20	0
FARAFRA	360	1	15	02	0	0	—	10.8	29	35	12	0
DAKHLA	340	11	50	00	0	0	—	8.8	33	21	8	0
KHARGA	00	0	15	00	0	0	—	8.4	33	12	0	0
SUEZ	300	13	15	02	0	0	—	9.6	29	40	14	0
TÔR	310	5	35	02	0	0	—		28	62	20	0
HURGHÂDA	320	16	30	02	0	0	—	6.2	29	70	23	0
QUSEIR	20	5	15	02	0	0	—	7.0	28	58	19	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʻATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 19th June, 1952

Station	Wind 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.
SALUM	360	5	15	00	0	0	—	13.4	+1.1	28	32	+2	22	+3	45	15	0	Rain	
SÎDI BARÂNI	300	6	18	00	0	0	—	13.1		25	28		21		74	20	0	115	
MATRÛH	290	8	30	02	0	0	—	12.9	+0.4	26	29		17		66	19	0	135	
EL DABʻA	320	9	15	00	0	0	—			24			17		84	21	0	214	
ALEXANDRIA	360	5	50	00	0	0	—	11.6	-0.7	25	29	+1	23	+2	84	22	0	166	186
FOUAD (Airport)	320	5	18	02	0	0	—	11.1	-0.8	26			22	+2	74	21	0	Rain	138
DAMIETTA	20	5	15	00	0	0	—	11.0	0.0	27			21	+2	70	21	0	171	106
PORT SAʻÎD											30	+2							
EL ʻARISH	00	0	30	00	0	0	—	9.4	-1.6	26			19		74	21	0	101	
DAMANHÛR	40	5	15	02	0	0	—	10.7	-0.7	28			19	0	52	17	0	87	101
MANSÛRA	40	3	35	00	0	0	—	10.8	-0.6	28	38	+4	22	+3	62	20	0	62	55
TANTA	360	2	35	02	0	0	—	10.8	-0.8	29	37	+2			59	20	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	11.1	-0.4	26	38	+4	19	+1	74	21	0	30	27
ISMAÎLIA	20	2	35	01	0	0	—	9.6		27			19		70	21	0		
FAROUK (Airport)	00	0	8	05	0	0	—	13.8		25			18		74	20	0	83	
ALMÂZA	50	1	12	00	0	0	—	10.9	-0.9	25			21	+1	79	21	0	71	
EZBEKIYA	60	5	12	01	0	2	Cu	11.0	-0.5	25	35	0	21	+1	70	19	0	61	26
GÎZA	60	5	12	01	0	2	Cu	10.5	-1.0	26	36	+1	21	+3	74	21	0	58	27
HELWÂN																			29
FAIYÛM	360	6	35	02	0	0	—	10.4	-0.7	26	37	+1	22	+2	70	20	0	23	8
MINYA	360	8	10	00	0	0	—	10.1	1.5	25	37	+1	20	+1	61	17	0	5	
ASYÛT MANQABÂD	360	4	15	00	0	0	—	9.2	-1.0	26	40	+3	21	0	51	15	0	3	
NAGʻ HAMMÂDI	00	0	15	00	0	0	—	8.4	-0.3	26	39.1	+1	20	0	55	16	0	0.1	
QENA	00	0	35	00	0	0	—	8.0	-0.3	29			21	-2	46	16	0	2	
LUXOR																			
ASWÂN	340	3	50	00	0	0	—	6.8	-1.6	31	41	-1	24	-2	22	7	0	dr.	
SÎWA	00	0	14	00	0	0	—	13.5	+0.1	30	40	+2	22	+3	40	15	0	26	8
BAHARÎYA	40	2	35	02	0	0	—	11.8	-0.2	28	37	+1	23	+4	58	19	0	1	7
FARAFRA	360	1	35	02	0	0	—	12.4		29	38		21		46	16	0	Rain	
DAKHLA	340	11	50	00	0	0	—	11.4	+0.6	29	37	-3	26	+3	35	12	0	dr.	
KHARGA	360	4	15	00	0	0	—	8.6	-0.6	30	38	-1	27	+4	35	13	0	dr.	
SUEZ	310	5	35	00	0	0	—	9.5	-1.0	29	36	+1	20	-1	66	22	0	44	17
TÔR	290	5	35	02	0	0	—	8.2	+0.1	29			24	+1	66	22	0	1	13
HURGHADA	330	8	30	02	0	0	—	6.6	-1.6	27	30	-1			70	21	0	Rain	
QUSEIR	360	9	15	02	0	0	—	6.2	-1.8	30	30	-3	25	-1	40	15	0	dr.	4
PORT SÛDÂN	110	1	30	01	0	0	—	6.3		36	37		24		17	7	0		97
WÂDI HALFA																			
ABU HAMAD	00	0	30	02	0	0	—			31	42		25		11	-2	0		
KAREIMA	90	3	30	02	0	0	—	7.2		32	42		23		21	7	0		2
ʻATBARA	360	3	30	03	0	0	—	7.3		32	43				13	0	0		8
KHARTÛM																			12
KASSALA	180	6	30	01	1	0	—	7.7		32	42		28		38	16	dr.		38
WÂD MEDANI																			44
RENK																			136
ROSEIRES																			184
EL OBEID	270	12	30	03	1	7	Ac Cs	9.4		28	29		24		58	19	0		56
EL FÂSHER																			24
GENEINA																			56
MALAKÂL																			273
WAU																			469
JUBA																			554

HUMIDITY % Mean of day

Station	on 18th	Diff. from normal
Alexandria	74	+2
Ezbekiya	50	-4
Giza	55	+1
Helwân		

GÎZA
GRASS MINIMUM TEMP.
ON 19th 19.6 °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 ...						... 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 18th

Station	Hurghada		Matruh		Kharga		Dakhla		Asyut		Siwa		S. Barani								Port Said		Almaza		Fouad A.P.	
Time	14		14		14		14		14		14		14								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	350	12	340	14	360	12	360	20	310	23	360	18	360	10							360	16	40	13	360	14
600	10	10	340	12	360	12	360	16	330	26	360	20	350	11							360	16	30	17	350	8
1000	20	8	350	12	360	9	10	14	10	10	10	18	350	9							40	9	20	15	350	12
1500	350	10	10	10			10	18	360	16	10	15	10	10							80	7	20	20	360	6
2000			10	17			10	17	10	18	10	16	10	16							40	7	30	17	40	5
3000									340	8	20	13	260	17											50	5
4000											20	22														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time	8		4		2		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	350	19	340	16	10	18	30	2							320	16			10	9	340	15		
600	350	16	350	18	20	13	30	7							360	11			360	8	320	17		
1000	330	18	350	15	40	10	30	13							10	20			350	10	300	20		
1500			340	17	10	4	40	12							30	8					270	29		
2000					320	5	10	11							350	7								
3000					310	5	10	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		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	60	12	30	15	360	7	10	14																
600	60	20	30	20	20	6	10	19																
1000	50	20	30	39	20	10	10	31																
1500	40	10	30	30	30	23	10	10																
2000	360	10			20	30																		
3000	350	16																						
4000	340	23																						
5000	360	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.

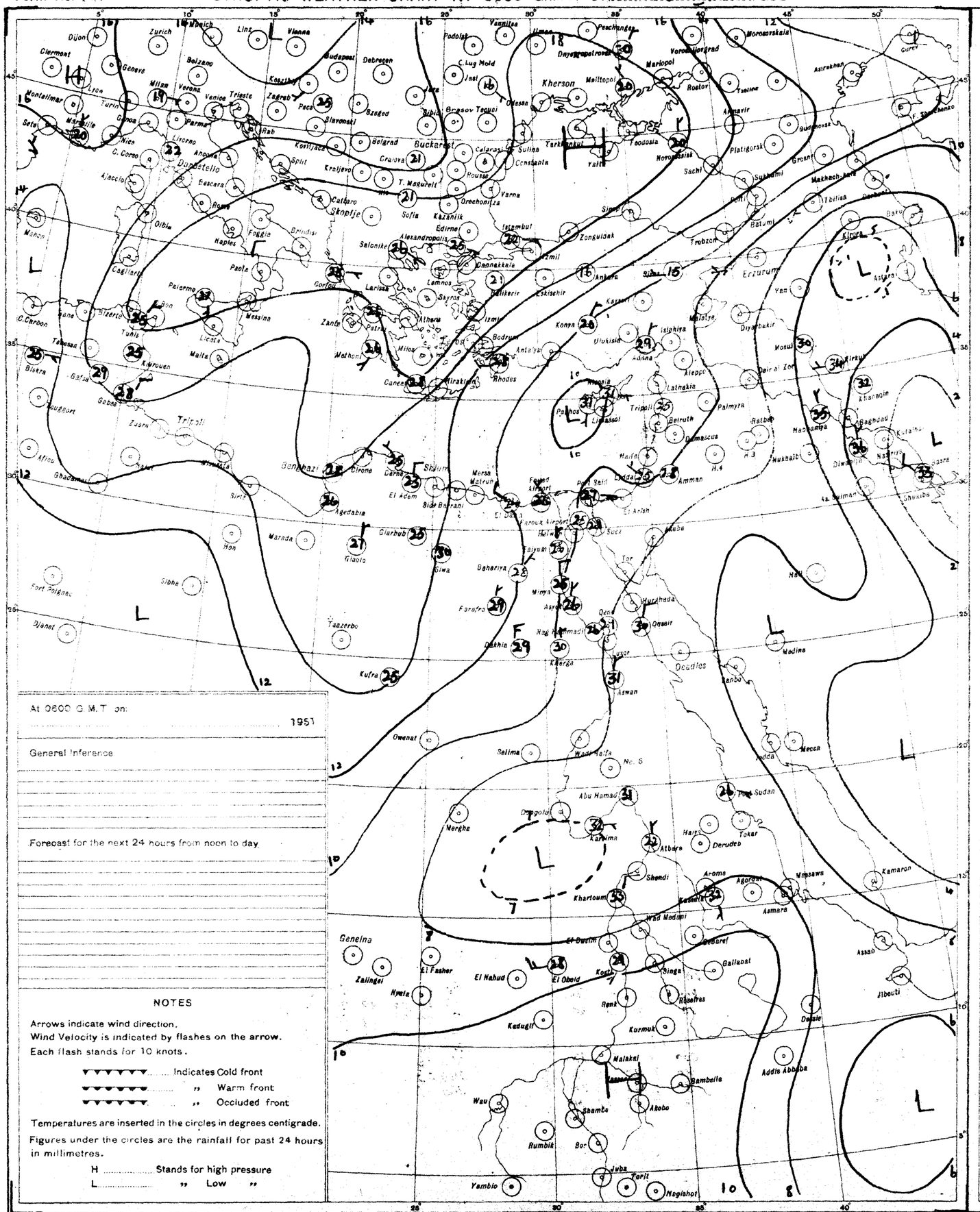
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/821)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 19 1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 20th June, 1952

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	SALUM	70	5	35	00	0	0	—	12.7	30	35	13
	303	SIDI BARÂNI	320	16	30	00	0	0	—	13.1	27	66	20
	306	MATRÛH	310	17	30	02	0	0	—	12.9	27	66	20
	309	EL DABA	320	6	35	00	0	0	—		27	70	21
		ALEXANDRIA	310	12	50	00	0	0	—	11.1	27	79	23
	318	FOUAD (Airport)	320	11	18	02	0	0	—	10.7	28	70	22
	330	DAMIETTA	20	5	35	02	0	0	—	10.8	30	52	19
	333	PORT SAÏD	350	11	30	02	0	0	—	9.4	28	66	21
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	11.0	34	41	19
	342	MANSURA	360	5	35	00	0	0	—	9.9	36	25	13
	348	TANTA	00	0	35	02	0	0	—	9.7	36	33	17
	354	ZAGAZIG	00	0	50	02	0	0	—	9.0	36	37	19
	441	ISMAÏLIA	40	2	35	02	0	0	—	9.3	37	35	19
Cairo Area	366	FAROUK (Airport)	20	11	30	00	0	0	—	8.9	36	20	10
	372	ALMAZA	40	11	30	00	0	0	—	8.7	36	24	12
		EZBEKIYA											
		GÎZA	50	5	30	00	0	0	—	8.8	37	27	15
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	7.9	37	18	9
	387	MINYA	350	12	12	00	0	0	—	7.2	37	18	9
	393	ASYÛT MANQABAD	360	3	30	00	0	0	—	6.4	39	10	2
	399	NAG' HAMMADI	00	0	35	00	0	0	—	6.5	39	21	13
	402	QENA	00	0	50	00	0	0	—	5.5	41	20	14
	405	LUXOR											
	414	ASWÂN	340	2	50	00	0	0	—	3.6	42	9	3
Oases	417	SÎWA	350	8	14	00	0	0	—	13.9	38	19	11
	420	BAHARÎYA	40	2	35	02	0	0	—	9.5	37	31	17
	423	FARAFRA	360	4	15	02	0	0	—	10.2	38	24	14
	432	DAKHLA	340	11	50	00	0	0	—	8.0	38	16	8
	435	KHARGA	360	3	35	00	0	0	—	6.7	40	19	12
Red Sea	450	SUEZ	360	5	50	02	0	0	—	7.2	36	33	17
	459	TÛR	310	9	50	02	0	0	—	7.0	31	59	22
	462	HURGHADA	20	11	30	02	0	0	—		29	66	22
	465	QUSEIR	20	9	15	02	0	0	—	6.8	30	70	24
	641	PORT SUDÂN	60	10	30	02	0	0	—	4.7	37	20	11
North Sudan	600	WÂDI HALFA	350	6	30	02	0	0	—	4.8	39	8	-1
	640	ABU HAMAD	270	2	30	02	0	0	—		40	7	-3
	660	KAREIMA	270	3	30	02	0	0	—		41	10	3
	680	'ATBARA	300	4	30	03	1	3	Ac, Cc	2.9	42	9	2
	721	KHARTUM	00	0	30	03	0	6	Ac, Cs	3.7	40	15	9
	730	KASSALA	230	4	30	03	1	5	Cu	2.2	40	20	13
Central Sudan	751	WÂD MEDANI	230	9	35	01	1	3	Cc	3.0	39	20	12
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	00	0	30	01	1	3	Cu, Ac	5.0	37	22	11
	760	EL FASHER	230	3	50	03	1	3	Cu		37	24	13
	770	GENEINA	230	4	30	03	1	6	Cu		35	25	12
S. Sudan	840	MALAKÂL											
	880	WÂU			30	02	1		Cu, Ac	9.1	31	55	21
	941	JUBA	120	2	30	02	2	8	Cb, Ac	8.9	31	52	20

At 1800 on Thursday 19th

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	340	9	15	00	0	0	—		26	55	16	0
303	SIDI BARÂNI	350	6	18	00	0	0	—	12.5	24	79	20	0
306	MATRÛH	320	10	18	03	0	6	Sc	12.6	23	83	20	0
309	EL DABA	320	3	35	01	1	2	Cu		23	88	21	0
	ALEXANDRIA	360	11	35	00	0	0	—	10.8	24	94	23	0
318	FOUAD (Airport)	350	10	18	02	0	1	Sc	10.8	24	88	22	0
330	DAMIETTA	360	5		02	0	0	—	10.6	25	83	22	0
333	PORT SAÏD	10	13	12	02	0	0	—	9.3	26	83	23	0
336	EL 'ARISH												
339	DAMANHUR	40	5	15	02	0	0	—	10.3	28	58	19	0
342	MANSURA	360	3		00	0	0	—	10.7	28	45	15	0
348	TANTA	00	0	35	02	0	0	—	10.0	27	55	17	0
354	ZAGAZIG	00	0	35	02	0	0	—	10.0	29	46	16	0
441	ISMAÏLIA	20	2	35	02	0	0	—	10.3	28	45	15	0
366	FAROUK (Airport)	40	18	12	00	0	0	—	9.4	31	38	15	0
372	ALMAZA	40	17	12	00	0	0	—	9.2	32	29	12	0
	EZBEKIYA												
	GÎZA	90	6	12	00	0	0	—	9.6	31	38	15	0
378	HELWÂN												
381	FAIYÛM	00	0	35	02	0	0	—	8.4	32	34	14	0
387	MINYA	360	5	8	00	0	0	—	7.0	28	42	14	0
393	ASYÛT MANQABAD	270	6	14	00	0	0	—	6.5	31	29	11	0
399	NAG' HAMMADI	00	0	15	00	0	0	—	6.0	28	45	15	0
402	QENA	00	0	7	00	0	0	—	5.6	33	24	10	0
405	LUXOR												
414	ASWÂN	00	0	15	00	0	0	—	5.8	37	14	6	0
417	SÎWA	30	12	10	00	0	0	—	11.6	34	36	17	0
420	BAHARÎYA	360	2	15	02	0	0	—	9.9	31	43	17	0
423	FARAFRA	340	3	15	02	0	0	—	10.0	31	31	12	0
432	DAKHLA	360	9	35	00	0	0	—	7.4	33	21	8	0
435	KHARGA	00	0	15	00	0	0	—	8.3	34	12	0	0
450	SUEZ	360	6	15	02	0	0	—	10.2	29	52	18	0
459	TÛR	290	9	35	02	0	0	—		30	59	21	0
462	HURGHADA												
465	QUSEIR	90	2	15	02	0	0	—	5.9	30	40	15	0
641	PORT SUDÂN												
600	WÂDI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTUM												
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FASHER												
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Friday 20th June, 1952

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
62300	SALUM	320	5	15	00	0	0	—	13.5	+1.3	27	31	+1	21	+1	52	16	0	Rain	
303	SIDI BARÂNI	310	3	18	00	0	0	—	13.4		24	28		19		83	21	0	115	
306	MATRÛH	310	10	30	02	0	0	—	13.3	+0.9	25	28		19		74	20	0	125	
309	EL DABA	320	3	15	00	0	0	—			25	28		21		83	22	0	214	
	ALEXANDRIA	360	10	50	00	0	0	—	12.3	+0.1	26	29	+1	24	+3	74	21	0	166	186
318	FOUAD (Airport)	360	7	18	02	0	0	—	12.0	+0.2	27	29	+1	22	+1	70	21	0	Rain	138
330	DAMIETTA	340	5	15	00	0	0	—	11.6	+0.7	28	31	+2	21	+1	58	19	0	171	106
333	PORT SAÏD	70	8	14	02	0	0	—	11.0	-0.2	27	29	+1	24	+1	70	21	0	92	
336	EL 'ARISH																			
339	DAMANHUR	40	9	15	02	0	0	—	12.0	+0.8	27	35	+3	19	0	55	17	0	87	101
342	MANSURA	40	3	35	00	0	0	—	11.4	+0.1	28	37	+3	21	+2	62	20	0	62	55
348	TANTA	00	0	35	02	0	0	—	11.0	-0.4	27	37	+3	18	0	62	19	0	65	44
354	ZAGAZIG	00	0	35	02	0	0	—	12.0	+0.6	24	37	+3	19	+1	83	21	0		27
441	ISMAÏLIA			35	02	0	0	—	10.0		27	37		21		62	19	0		
366	FAROUK (Airport)	20	5	8	05	1	2	Sc	11.1		24	38		20		74	19	0	83	
372	ALMAZA	70	3	14	00	0	0	—	11.2	-0.6	24	37	+2	21	0	74	19	0	71	
	EZBEKIYA																			26
	GÎZA	50	4	12	00	0	2	Cu	11.0	-0.1	26	37	+2	20	+2	70	20	0		27
378	HELWÂN																			29
381	FAIYÛM	360	4	35	02	0	0	—	11.0	0.0	27	38	+2	22	+2	62	19	0	23	8
387	MINYA	360	8	10	00	0	0	—	12.2	-1.3	26	38	+2	20	+1	48	14	0	5	
393	ASYÛT MANQABAD	240	2	15	00	0	0	—	9.6	-0.5	28	40	+3	22	+1	42	14	0	3	
399	NAG' HAMMADI	00	0	15	00	0	0	—	8.8	+0.1	28	41	+3	21	+1	58	19	0	0.1	
402	QENA	00	0	35	00	0	0	—	8.8	+0.6	27	43	+2	23	0	52	16	0	2	
405	LUXOR																			
414	ASWÂN	360	4	50	00	0	0	—	6.7	-1.7	30	43	+1	26	0	31	11	0	dr.	
417	SÎWA	50	7	14	00	0	0	—	13.6	+0.3	25	39	+1	21	+1	54	15	0	26	8
420	BAHARÎYA	360	2	35	02	0	0	—	11.2	-0.7	30	38	+2	22	+3	40	15	0	1	7
423	FARAFRA	360	1	35	02	0	0	—	11.2		29	39		21		46	16	0	Rain	
432	DAKHLA	160	4	50	00	0	0	—	11.0	+0.3	32	39	-1	26	+3	34	14	0	dr.	
435	KHARGA	360	2	15	00	0	0	—	8.7	-0.4	32	40	+1	27	+4	34	14	0	dr.	
450	SUEZ											37	+2							17
459	TÛR	290	5	35	02	0	0	—	8.8	+0.3	27			24	+1	79	23	0	1	13
462	HURGHADA																			
465	QUSEIR	360	13	15	02	0	0	—	7.6	-0.3	29	31	-2	24	-2	66	22	0	dr.	4
641	PORT SUDÂN	270	1	30	01	0	0	—	6.8		34	37		25		29	13	0		97
600	WÂDI HALFA	290	2	50	02	0	1	Cs	7.5		29	41		23		18	2	0		
640	ABU HAMAD	00	0	30	02	0	0	—			30	42		24		11	-4	0		
660	KAREIMA	310	6	30	02	0	0	—	6.8		33	41		24		12	0	0		2
680	'ATBARA	210	3	30	01	1	1	Ac	7.2		33	43		26		14	2	0		8
721	KHARTUM	220	6	30	02	1	5	Ac, Cc	8.4		31			24		33	13	0		13
730	KASSALA	160	6	30	01	0	1	Ac	9.9		30	42		27		43	16	dr		39
751	WÂD MEDANI																			45
801	RENK																			138
802	ROSEIRES																			189
771	EL OBEID	240	14	30	03	0	3	Ac, Cs	9.9		28	38		25		52	17	0		57
760	EL FASHER	160	4	30	02	1	8	Ac, Cs			28	39		26		55	18	0		25
770	GENEINA	360	2	30	03	0	8	Cs			25	36		21		61	17	0		58
840	MALAKÂL	110	7	30	03	2	7	Ac	13.4		22	32		21		94	21	3		278
880	WÂU	100	1	30	01	2	7	Ac	11.7		23	32		22		94	22	9		415
941	JUBA	180	6	30	02	2	7	Ac, Cc	13.4		25	32		26		79	21	0.3		559

HUMIDITY

Mean of day %

STATION	on 19th	Diff. from normal
Alexandria	83	+11
Ezbekiya		
Gîza	53	-1
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 20th 18.7 °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	79	30		10	13
950					
900					
850	1519	21		20	13
800					
700	3157	11		230	8
600					
500	5873	-18		300	10
400	7568	-20		270	51
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

Height m.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Asyut Dir.	Asyut Vel.	Matruh Dir.	Matruh Vel.	Hurghada Dir.	Hurghada Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.
	14		14		14		14		14		14		14		20	
300	350	16	330	21	360	13	310	23	330	10			10	17	360	11
600	350	20	330	23	360	19	350	11	330	15	360	16	350	21	360	9
1000	20	10	330	22	360	18	350	11	30	13	360	13	340	24	360	9
1500	10	15	320	11			10	16	10	16	10	3			10	8
2000	350	16					40	10							30	7
3000	10	16					10	10							20	9
4000	10	21														
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 20th.

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.
			4				2								8							
300			320	6			20	16							360	14						
600			350	17			20	14							350	16						
1000			340	20			40	7							340	14						
1500			330	19			20	12							320	20						
2000							30	10							240	16						
3000							40	6							280	6						
4000							330	4														
5000							20	9														
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.
	8				8		8										3				5		4	
300	50	10			20	6	360	16																
600	70	16			20	4	360	27									220	17					200	7
1000	60	21			10	8	10	29									220	32			150	9	190	14
1500	40	22			360	7	20	15									210	23			180	15	160	17
2000	40	25																						
3000	50	16															250	14					40	13
4000	50	15																						
5000	80	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.

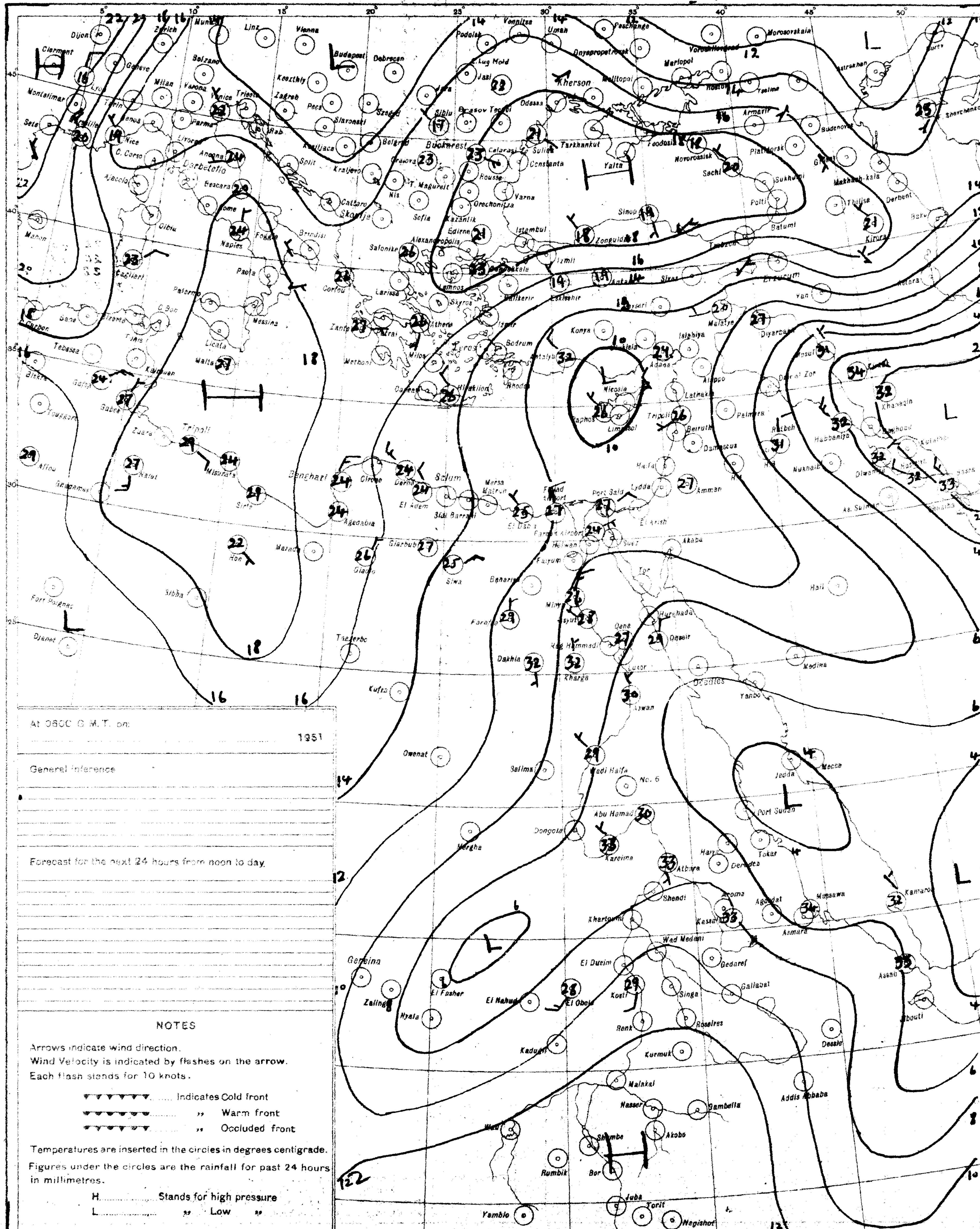
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 20.6.1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 54 G. M. T.

" " Sunset 16 59 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Saturday 21st June, 1952

At 1200 on Friday 20th / At 1800 on Friday 20th

Area	Index Number	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	Rain past 12 hrs mms
Mediterranean	62300	SALŪM	20	9	35	00	0	0	—	12.6	28	52	17	320	5	15	00	0	0	—	12.6	26	48	14	0
	303	SĪDI BARĀNI	330	12	30	00	0	0	—	13.0	26	45	13	340	6	18	00	0	0	—	11.7	24	84	21	0
	306	MATRUH	310	14	18	02	0	0	—	13.1	27	62	19	320	9	15	02	0	0	—	12.4	23	84	20	0
	309	EL DAB'A												320	3	7	01	1	2	Cu		24	84	21	0
		ALEXANDRIA	360	17	50	00	0	0	—	11.8	28	70	22												
	318	FOUAD (Airport)	300	11	18	01	0	0	—	11.5	28	70	22	350	6	12	02	0	0	—	11.0	24	84	21	0
	330	DAMIETTA	340	2	35	00	0	0	—	11.0	31	38	15	340	2	7	00	0	0	—	10.7	26	74	21	0
	333	PORT SA'ĪD	20	8	30	02	0	0	—	9.1	30	52	19	20	10	14	02	0	0	—	8.2	26	79	22	0
	336	EL 'ARISH																							
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	11.0	34	41	19	00	0	15	02	0	0	—	11.5	27	55	17	0
	342	MANṢURA	00	0	35	00	0	0	—	10.2	36	25	13	360	5		00	0	0	—	10.7	27	55	17	0
	348	TANTA	00	0	35	02	0	0	—	9.1	37	18	9	00	0	35	02	0	0	—	10.0	27	55	17	0
	354	ZAGAZIG	00	0	50	02	0	0	—	9.6	35	32	16	00	0	35	02	0	0	—	10.3	29	46	16	0
	441	ISMA'ĪLIA	360	2	35	02	0	0	—	9.1	36	20	10	20	2	35	01	0	0	—	10.0	28	52	17	0
Cairo Area	366	FAROUK (Airport)	20	13	30	00	0	0	—	9.1	36	20	10	50	15	12	00	0	0	—	9.7	31	28	10	0
	372	ALMAZA	20	11	30	00	0	0	—	9.5	35	22	10	60	17	14	00	0	0	—	9.7	31	31	12	0
		EZBEKIYA	10	6	30	00	0	0	—	9.6	35	25	12	30	8	12	00	0	0	—	9.9	31	33	13	0
		GIZA	10	6	30	00	0	0	—	9.8	36	20	10	30	8	12	00	0	0	—	9.5	31	28	10	0
	378	HELWÂN																							
Upper Egypt	381	FAIYŪM	360	4	35	02	0	0	—	8.2	36	20	10	360	4		02	0	0	—	9.3	32	28	11	0
	387	MINYA	360	11	12	00	0	0	—	7.3	36	22	11	360	6	8	00	0	0	—				14	0
	393	ASYŪT MANQABAD	320	10	30	00	0	0	—	7.7	37	12	3	290	5	12	00	0	0	—	7.3	31	28	10	0
	399	NAG' HAMMADI	290	2	35	00	0	0	—	7.1	38	27	16	00	0		00	0	0	—	7.2			17	0
	402	QENA	00	0	50	00	0	0	—	7.0	42	22	16	320	1	7	00	0	0	—	5.6	34	22	9	0
	405	LUXOR																							
	414	ASWĀN	00	0	50	00	0	0	—		43	11	6	00	0	15	00	0	0	—	4.4	38	16	8	0
Oases	417	SĪWA			14	00	0	0	—	12.4	36	13	4	00	0	10	00	0	0	—	11.6	33	28	12	0
	420	BAHARĪYA	360	3	35	02	0	0	—	9.6	36	37	19												
	423	FARAFRA	270	1	35	02	0	0	—	10.4	37	22	12	270	1	15	02	0	0	—	10.0	30	31	11	0
	432	DAKHLA	20	11	50	00	0	0	—	8.6	38	19	11	340	9	35	00	0	0	—	8.0	33	23	9	0
	435	KHARGA	20	4	35	00	0	0	—	7.2	39	20	12	00	0	15	00	0	0	—	9.4	33	16	4	0
Red Sea	450	SUEZ	360	4	50	02	0	0	—	7.1	36	31	16	360	4	15	02	0	0	—	8.7	29	40	14	0
	459	TŌR																							
	462	HURGHADA												320	12	30	02	0	0	—	4.9	29	59	20	0
	465	QUSEIR	20	9	15	02	0	0	—	7.8	31	66	24	20	5	15	02	0	0	—	5.3	30	59	21	0
	641	PORT SŪDĀN																							
Northern Sudan	600	WĀDI HALFA	310	10	50	02	0	0	—	4.4	41	5	-6												
	640	ABU HAMAD																							
	650	KAREIMA	270	10	30	02	0	0	—	4.2	41	9	-2												
	680	ATBARA	250	4	30	03	2	8	Cs	3.6	42	8	1												
	721	KHARTUM	310	9	30	02	0		Ac, Ci	5.1	41	10	4												
	730	KASSALA																							
	751	WAD MEDANI																							
	801	RENK																							
	802	ROSEIRES																							
	771	EL OBEID	00	0	30	03	1	7	Cu, Ac	6.0	37	24	13												
	790	EL FASHER																							
	770	GENEINA																							
Southern Sudan	840	MALAKAL	90	5	30	03	2	7	Cu, Ac	11.2	30	55	20												
	880	WAU																							
	941	JUBA			30	02	0	5	Cb, Cs		32	43	18												

At 0600 on Saturday 21st June, 1952

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
20	2	15	00	0	0	—	13.1	+1.0	28	30	0	20	0	45	15	0	Rain		SALŪM
300	6	12	00	1	0	—	13.1		25	28		19		74	20	0	115		SĪDI BARĀNI
320	10	18	02	0	0	—	13.2	+0.9	25	28		18		70	19	0	135		MATRŪH
320	5	15	00	0	0	—			27	28		20		70	21	0	214		EL DAB'A
360	8	50	00	0	0	—	11.9	-0.1	25			22	+1	84	22	0	166	186	ALEXANDRIA
320	7	18	02	0	0	—	11.8	+0.1	26	29	0	22	+1	74	21	0	Rain	138	FOUAD (Airport)
320	2	15	00	0	0	—	11.6	+0.8	26	32	+3	21	+1	84	23	0	171	106	DAMIETTA
360	8	14	02	0	0	—	9.7	-1.4	26	32	+3	24	+1	74	21	0	92		PORT SA'ĪD
00	0	30	00	0	0	—	10.1	-0.7	27			20		74	22	0	101		EL 'ARISH
360	5	15	02	0	0	—	12.4	+1.3	26	34	+2	19	0	55	16	0	87	101	DAMANHŪR
40	5	35	00	0	0	—	11.4	+0.2	28	37	+3	20	+1	58	19	0	62	55	MANSŪRA
										37	+2							44	TANTA
00	0	35	02	0	0	—	11.1	+0.2	24	37	+2	18	0	84	21	0	30	27	ZAGAZIG
360	2	35	02	0	0	—	9.9		28	36		20		62	20	0			ISMA'ĪLIA
360	1	14	00	0	0	—	11.3		24	36		20		84	21	0	83		FAROUK (Airport)
40	4	12	00	0	0	—	11.2	-0.5	24	36	+1	20	-1	74	19	0	71		ALMAZA
20	6	12	00	0	0	—	10.8	-0.5	25	36	+1	20	0	65	18	0	61	26	EZBEKIYA
20	6	12	00	0	0	—	10.7	-0.6	25	36	+1	19	+1	70	19	0	58	27	GIZA
																		29	HELWĀN
360	6	35	02	0	0	—	10.9	0.0	27	37	+1	21	+1	55	17	0	23	8	FAIYŪM
360	9	10	00	0	0	—	7.2	-2.2	26	37	+1	19	0	48	14	0	5		MINYA
300	6	14	00	0	0	—	10.2	+0.2	27	38	+1	22	+1	35	10	0	3		ASYŪT MANQABAD
										38	0								NAG' HAMMĀDI
270	1	35	00	0	0	—	8.0	-0.1	30	43	+2	24	+1	21	5	0	2		QENA
																			LUXOR
360	3	50	00	0	0	—	7.8	-0.5	31	44	+2	28	+2	26	9	0	dr.		ASWAN
10	6	14	00	0	0	—	13.5	+0.2	24	37	-1	20	0	61	16	0	26	8	SĪWA
																		7	BAHARĪYA
40	4	35	02	0	0	—	11.5		29	38		20		40	14	0	Rain		FARAFRA
160	4	50	00	0	0	—	10.4	-0.2	32	39	0	24	+1	28	11	0	dr.		DAKHLA
360	1	15	00	0	0	—	9.0	0.0	30	40	+1	23	0	25	8	0	dr.		KHARGA
310	4	35	00	0	0	—	10.4	+0.1	28	37	+2	20	-1	62	20	0	44	17	SUEZ
																		13	TŌR
330	16	30	02	0	0	—	7.3	-0.7	28	30	-1	24	0	58	19	0	Rain		HURGHADA
360	9	15	02	0	0	—	7.5	-0.3	29	33	0	27	+1	59	20	0	dr.	4	QUSEIR
																		97	PORT SŪDĀN
360	10	30	01	0	1	Cs	8.1		30	42		24		22	6	0			WĀDI HALFA
																			ABU HAMAD
																		2	KAREIMA
220	5	10	05	0	0	—	7.1		33	43		25		30	13	0		8	ATBARA
200	12	18	02	1	5	Ci	9.0		31	41		27		41	16	0		13	KHARTUM
																		40	KASSALA
																		46	WĀD MEDANI
																		141	RENK
																		194	ROSEIRES
																		59	EL OBEID
140	4	30	01	0	2	Ac, Ci			29	39		27		49	17	dr.		25	EL FĀSHER
																		60	GENEINA
00	0	30	01	2	5	Ac, Ci	12.4		26	32		23		94	25	0		283	MALAKĀL
																		481	WAU
																		564	JUBA

HUMIDITY Mean of day

Station	On 20th	Diff from normal
Alexandria	79	+7
Ezbekiya	49	-6
Giza	46	-8
Helwan		

GIZA GRASS MINIMUM TEMP. On 21st 18.2 °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 ... ; AIRPORT On ... At ... ; AIRPORT On ... At ...

Pressure 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	Matruh		Fouad A.P.		Port Said		Siwa		Dakhla		S. Barani		Kharga												Minya		Port 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.	Dir.	Vel.
300	140	14	360	14	360	15	360	16	340	14	360	13	10	10											350	18	350	15
600	330	17	10	9	350	20	360	15	340	15	350	10	10	13											350	23	360	14
1000	340	13	10	11	340	16	160	3	330	16	10	13	10	16											340	20	350	16
1500	330	10	360	14	20	10	40	10			50	19													320	21	340	11
2000			10	12	30	7	50	10			50	18																
3000							30	16			20	10																
4000							20	11																				
5000							360	8																				
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 21st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time	8		4				2						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	11	330	11			320	4					350	13					30	10	150	20		
600	360	16	20	11			300	23					350	12					340	10	360	24		
1000	20	16	20	11			10	8					350	15					350	5	340	30		
1500	40	21	20	15			20	17											360	2	270	27		
2000	40	25	40	13															260	4				
3000	50	17																						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wādi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	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	20	15	20	13																				
600	30	15	30	26																				
1000	30	26	30	23																				
1500	20	35	360	10																				
2000	20	28	10	20																				
3000	30	20																						
4000	60	11																						
5000	50	25																						
6000	60	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.

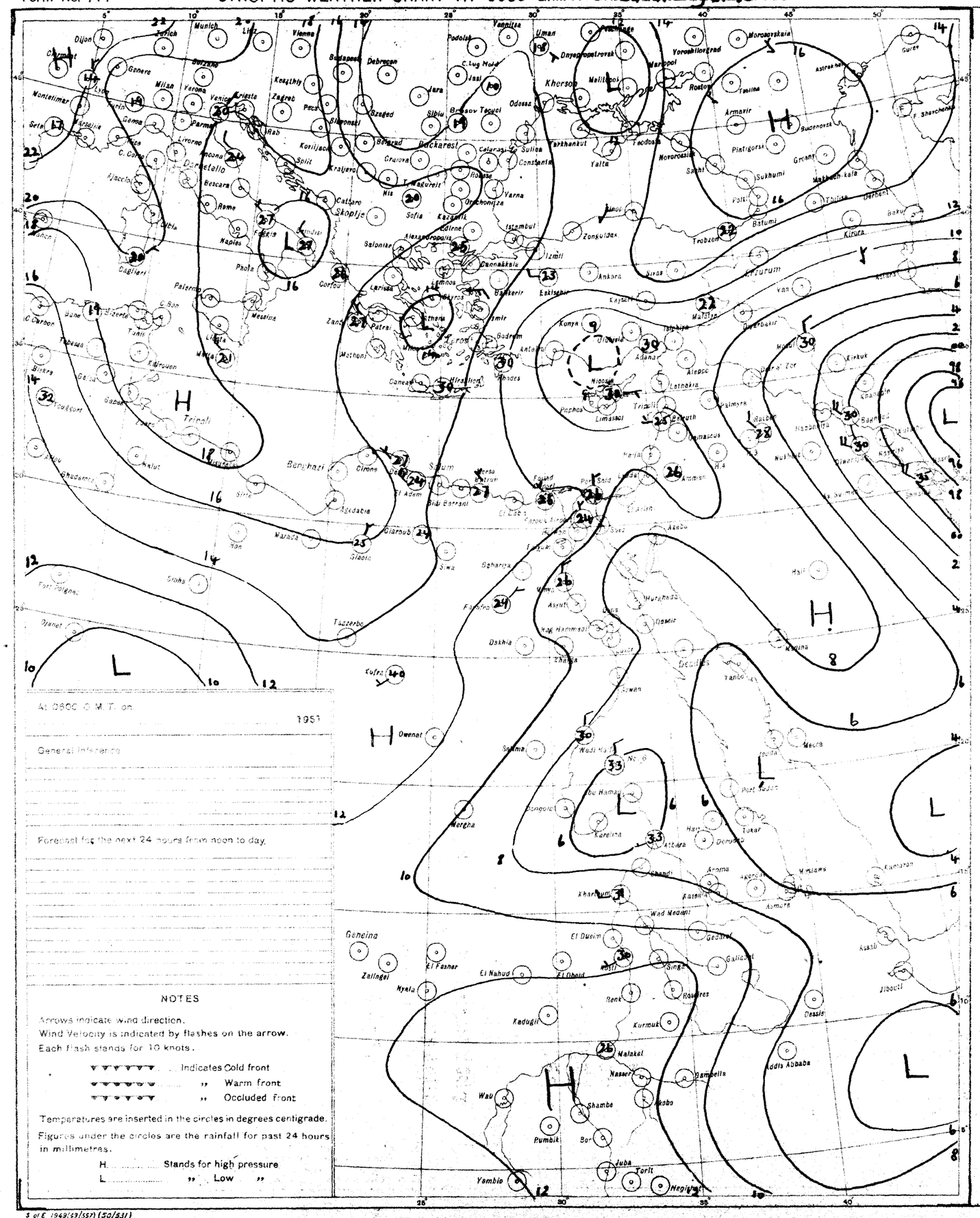
Note: All times are G.M.T.

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 21-6-1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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(29/557) (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, — WEATHER SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 22nd June, 1952

At 1200 on Saturday 21st / At 1800 on Saturday 21st

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	20	5	35	00	0	0	—	12.0	33	24	10												
	305	SÎDI BARÂNI	320	10	18	00	0	0	—	11.7	27	74	22	300	6	18	00	0	0	—	11.1	24	88	22	0
	306	MATRÛH	320	12	18	02	0	0	—	11.9	29	43	15	300	9	18	02	0	0	—	11.4	24	83	21	0
	309	EL DABʹA	320	10	35	00	0	0	—		27	62	19	320	2	7	00	0	0	—		24	94	23	0
		ALEXANDRIA	360	1	50	00	0	0	—	10.8	27	62	19	360	12	35	00	0	0	—	10.0	25	74	20	0
	318	FOUAD (Airport)														14	02	0	0	—	9.9				0
	330	DAMIETTA	320	5	35	02	0	0	—	10.4	30	59	21	320	2	7	02	0	0	—	9.9	25	83	22	0
	333	PORT SAʹÎD	30	11	30	02	0	0	—	8.4	28	74	23	10	11	14	02	0	0	—	7.5	26			0
	336	EL ʹARÎSH	320	6	30	00	0	0	—	8.6	29	59	20	350	4	18	00	0	0	—	8.6	25	79	21	0
Lower Egypt	339	DAMANHÛR	40	5	15	02	0	0	—	10.8	34	41	19	40	9	15	02	0	0	—	9.7	27	55	17	0
	342	MANSÛRA	360	9	35	00	0	0	—	9.5	36	20	10	360	15		00	0	0	—	9.1	28	52	17	0
	348	TANTA	00	0	35	02	0	0	—		36	29	15	00	0	35	02	0	0	—	8.8	27	55	17	0
	354	ZAGAZIG	00	0	50	02	0	0	—	9.3	36	33	17	00	0	35	02	0	0	—	8.7	29	46	16	0
	441	ISMAʹÎLIA	20	2	35	02	0	0	—	8.4	36	20	10	70	2	35	01	0	0	—	9.1	28	58	19	0
Cairo Area	366	FAROUK (Airport)	20	11	30	00	0	0	—	9.9	36	19	9	20	12	12	00	0	0	—	9.3	31	29	11	0
	372	ALMÂZA	40	10	18	00	0	0	—	9.0	35	30	15	70	13	12	00	0	0	—	8.4	32	38	16	0
		EZBEKIYA	20	6	30	00	0	0	—	9.1	35	29	14	30	3	12	00	0	0	—	8.8	32	36	15	0
		GÎZA	20	6	30	00	0	0	—	9.9	36	20	10	30	3	12	00	0	0	—	9.0	32	28	11	0
	378	HELWÂN																							
Upper Egypt	331	FAIYÛM	360	2	35	02	0	0	—		36	20	10	00	0	35	02	0	0	—	7.1	31	31	12	0
	387	MINYA	350	9	10	00	0	0	—	9.2	35	20	9	360	6	8	00	0	0	—	5.6	26	45	13	0
	393	ASYÛT MANQABAD	320	12	30	00	0	0	—	7.6	36	17	7	310	4	14	00	0	0	—	6.3	29	33	11	0
	399	NAGʹ HAMMÂDI	00	0	35	00	0	0	—	6.8	37	22	12	00	0	15	00	0	0	—	5.9	27	52	16	0
	402	QENA	270	1	50	00	0	0	—	5.4	42	18	13	220	1	7	00	0	0	—	5.3	33	30	13	0
	405	LUXOR																							
	414	ASWÂN	00	0	50	00	0	0	—	4.3	42	9	3												
Oases	417	SÎWA	360	8	15	00	0	0	—	12.6	36	20	10	40	2	10	00	0	0	—	11.1	32	28	11	0
	420	BAHARÎYA	40	4	35	02	0	0	—	9.9	35	42	20												
	423	FARAFRA	320	1	35	02	0	0	—	10.2	37	27	15	340	2	15	02	0	0	—	10.9	30	35	13	0
	432	DAKHLA	320	11	50	00	0	0	—	8.4	37	18	9	320	9	35	00	0	0	—	8.8	33	24	10	0
	435	KHARGA												00	0	15	00	0	0	—	9.5	32	20	6	0
Red Sea	450	SUEZ	360	6	50	02	0	0	—	8.3	35	32	16	360	7	15	02	0	0	—	9.1	30	40	15	0
	459	TÔR	310	13	50	02	0	0	—	7.7	30	59	21	290	5	35	02	0	0	—	5.7	31	43	17	0
	462	HURGHADA	360	19	30	02	0	0	—		29	59	20												
	465	QUSEIR	360	9	15	02	0	0	—	6.7	30	70	24	20	9	15	02	0	0	—	5.3	31	28	10	0
	641	PORT SÛDÂN	20	13	30	03	2	8	Cs	4.0	36	40	20												
North Sûdân	600	WÂDI HALFA	310	13	30	02	0	2	Cs	5.4	40	12	5												
	640	ABU HAMAD	310	2	30	02	2	8	Cs		42	8	1												
	660	KAREIMA	230	8	30	02	0	2	Ci	4.0	41	5	-6												
	680	ʹATBARA	230	4	30	03	2	7	Cs	3.3	42	9	2												
	721	KHARTÛM																							
	730	KASSALA																							
Central Sûdân	751	WÂD MEDANI																							
	801	RENK																							
	802	ROSEIRES	230	2	35	02	2	6	Cu		32	43	18												
	771	EL OBEID	220	5	30	03	2	7	Cu, As	5.8	37	31	17												
	760	EL FÂSHER	250	1	30	02	1	7	Cu, Ci		37	25	14												
	770	GENEINA																							
S. Sûdân	840	MALAKÂL																							
	880	WÂU	160	2	30	03	1	7	Cb, Ac	8.1	33	50	21												
	941	JUBA	180	2	30	04	2	6	Cu	7.0	33	38	17												

At 0600 on Sunday 22nd June, 1952

Wind 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
280	12	15	00	0	0	—	10.9		26	28		22		74	21	0	115		SÎDI BARÂNI
										30									MATRÛH
320	5	15	00	0	0	—			26	28		22		70	20	0	214		EL DABʹA
360	11	50	00	0	0	—	9.4	-2.5	25	29	0	22	+1	83	22	0	166	186	ALEXANDRIA
320	9	18	01	1	0	—	9.1	-2.4	26	29	0	22	+1	83	23	0	Rain	138	FOUAD (Airport)
320	2	15	00	0	0	—	9.1	-1.6	27	31	+2	21	+1	70	21	0	171	106	DAMIETTA
350	4	14	02	0	1	Sc	8.5	-2.5	26	29	0	23	0	83	23	0	92		PORT SAʹÎD
										30									EL ʹARÎSH
40	5	15	02	0	0	—	10.0	-1.0	28	39	+7	18	-1	58	19	0	87	101	DAMANHÛR
20	3	35	00	0	0	—	9.0	-2.1	27	37	+3	19	0	70	21	0	62	55	MANSÛRA
00	0	35	02	0	0	—	8.7	-2.5	28	37	+2	18	0	70	22	0	65	44	TANTA
00	0	35	03	1	3	Cu	10.2	-1.0	28	37	+2	18	0	86	21	0	30	27	ZAGAZIG
20	2	35	02	1	4	AC	9.1		28	37		20		58	19	0			ISMAʹÎLIA
320	4	6	05	1	4	Sc	10.3		27	37		19		52	16	0	83		FAROUK (Airport)
10	2	5	05	4	7	Sc	9.7	-2.0	21	37	+2	19	-2	97	21	0	71		ALMÂZA
30	4	12	03	2	8	Sc	9.2	-2.0	21	37	+2	19	-1	88	19	0	61	26	EZBEKIYA
30	4	12	03	2	8	Sc	10.2	-1.1	23	37	+2	19	+1	83	20	0	58	27	GÎZA
																		29	HELWÂN
360	6	35	02	0	0	—	10.0	-0.8	25	37	+1	20	0	70	19	0	23	8	FAIYÛM
360	9	10	00	0	0	—	8.0	-3.3	25	37	+1	16	-3	34	8	0	5		MINYA
310	4	15	00	0	0	—	7.7	-2.2	27	36	-1	22	+1	40	12	0	3		ASYÛT MANQABAD
										38	0								NAGʹ HAMMÂDI
00	0	35	00	0	0	—	6.3	-1.7	29	42	+1	23	0	40	14	0	2		QENA
																			LUXOR
00	0	50	00	0	0	—	5.9	-2.3	32			26	0	28	11	0	dr.		ASWÂN
330	6	14	00	0	0	—	12.6	-0.6	26	38	0	21	+1	55	16	0	26	8	SÎWA
																		7	BAHARÎYA
360	5	35	02	0	0	—	10.3		28	38		21		40	13	0	Rain		FARAFRA
00	0	50	00	0	0	—	9.4	-1.2	31	38	-1	23	0	38	15	0	dr.		DAKHLA
																			KHARGA
310	7	35	00	0	0	—	9.3	-0.9	27	37	+2	21	-1	70	21	0	44	17	SUEZ
310	5	35	02	0	0	—	6.4	-1.4	26			24	0	70	20	0	1	13	TÔR
350	14	30	02	0	0	—	5.1	-2.8	27			26	+2	52	16	0	Rain		HURGHADA
360	9	15	02	0	0	—	5.4	-2.3	31	32	-1	25	-1	38	15	0	dr.	4	QUSEIR
90	1	30	01	2	4	Ci	4.0		34	37		23		36	17	0		97	PORT SÛDÂN
00	0	50	03	1	6	Cs	6.7		29	42		24		22	5	0			WÂDI HALFA
00	0	30	02	2	8	Cs			32	43		25		17	4	0			ABU HAMAD
																		2	KAREIMA
																		8	ʹATBARA
																		13	KHARTÛM
																		42	KASSALA
180	9	35	02	2	8	Ci	8.2		32	40		25		36	15	0		48	WÂD MEDANI
																		144	RENK
330	2	15	02	2	8	Sc	10.3		27	34		25		58	18	0		199	ROSEIRES
220	12	30	03	0	5	Ac, Cs	8.6		29	38		26		49	17	0		60	EL OBEID
00	0	30	02	0	4	Ac, Ci			28	39		22		58	19	0		26	EL FÂSHER
250	8	30	01	1	2	Ci			25	42		23		54	15	0		62	GENEINA
200	4	30	02	1	6	Cs	10.5		29	37		24		59	20	0		288	MALAKÂL
200	1	30	02	0	0	—	10.7		25	34		22		83	22	1		487	WÂU
180	13	30	03	2	8	Ac, Cs	12.2		25	34		22		70	19	0		569	JUBA

HUMIDITY % Mean of day

Station	on 21st	Diff. from normal
Alexandria	77	+5
Ezbekiya	50	-5
Gîza	47	-7
Helwân		

GÎZA
GRASS MINIMUM TEMP.
ON 22nd 18.3 °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 21st

Station	Sîwa		Matruh		Minya		Asyut		Dakhla		Hurghada		Port Said		S. Barani								Port Said		Minya	
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	20	7	330	13	350	9	300	24	10	8	350	17	10	9	350	17							330	10	350	5
600	20	5	350	15	350	11	320	13	10	8	10	9	350	9	350	18							350	12	340	7
1000	40	5	360	13	350	9	350	11	360	8	340	14	360	13	10	22							360	7	340	10
1500	30	11	10	17	340	12	360	12	350	12	310	16	360	14	40	23							30	4		
2000	30	17	30	17			360	12			310	15	20	8									20	6		
3000	20	16					20	10	350	11			340	8												
4000	50	18																								
5000	70	20																								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʹîd		El ʹArîsh		Helwan		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			4				2						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			10	14			330	3					350	6	330	22								
600			20	18			310	4					350	8	320	16								
1000			20	24			310	7					350	7	340	10								
1500			20	24			300	10					340	3	220	3								
2000															170	6								
3000															40	16								
4000															40	12								
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		8										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	16	290	30	360	8	350	20																
600	40	26	280	35	10	9	340	22									180	15						
1000	90	29	260	48	350	18	340	20									210	12	230	21	30	0		
1500	40	32					350	12									250	15	310	4	260	5		
2000	40	36																	310	7	220	4		
3000	40	35															290	17	40	9	100	5		
4000																								
5000																	20	12	50	7				
6000																			30	5				
7000																								
8000																			90	12				

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.

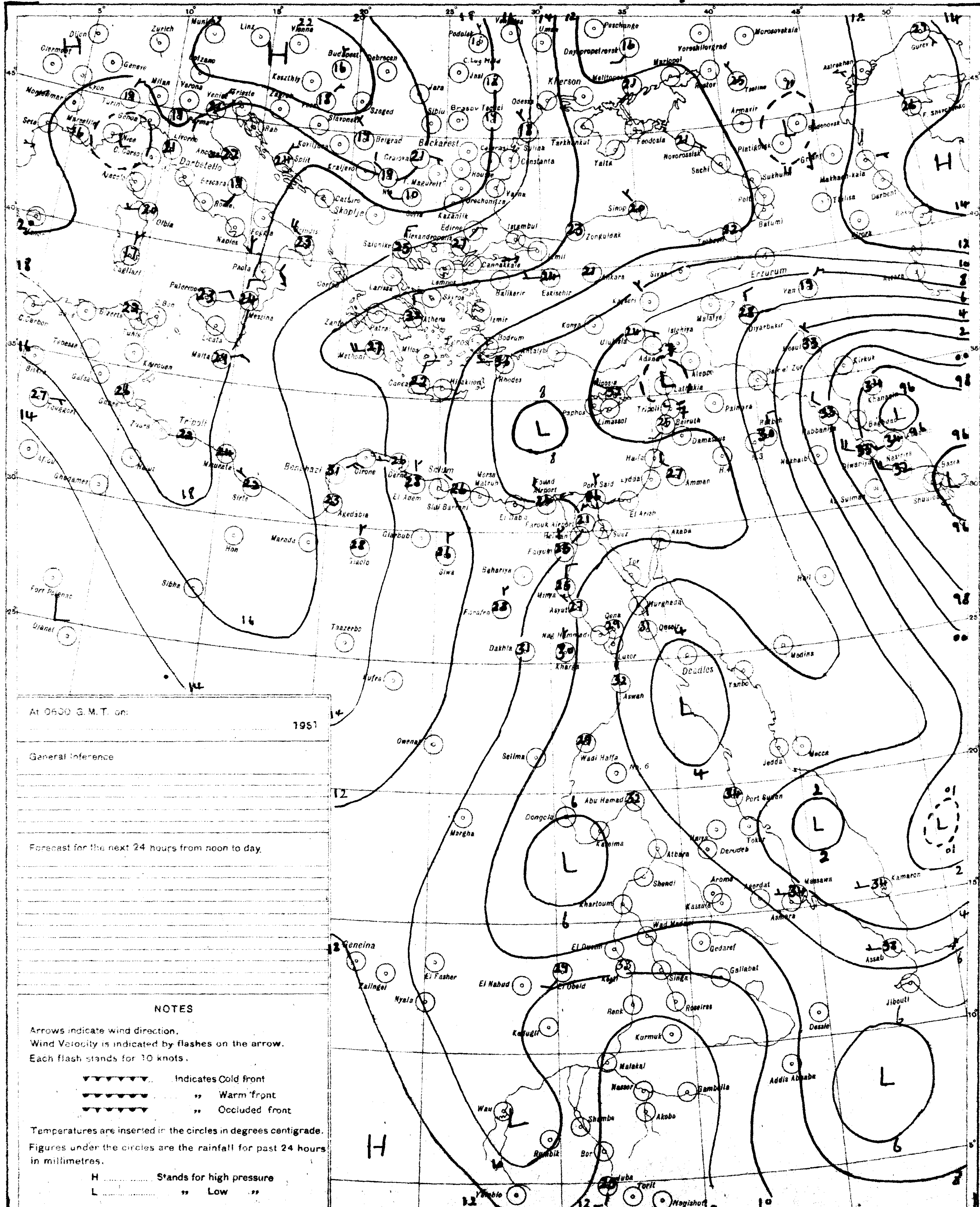
Note: All times are G.M.T.

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 22-6-1952



SCALE 1:15,000,000

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

	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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 22 55 G.M.T.
" " Sunset 16 59 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Monday 23rd June 1952

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.
Mediterranean	62300	SALÛM											
	303	SÎDI BARÂNI											
	306	MATRÛH	300	19	30	02	0	0	—	10.3	30	59	21
	309	EL DABA	320	8	35	00	0	0	—		28	62	20
		ALEXANDRIA	360	10	50	00	0	0	—	8.3	29		
	318	FOUAD (Airport)	320	9	18	02	0	0	—	8.5	30	59	21
	330	DAMIETTA	320	2	35	00	0	0	—	8.8	30	59	21
	333	PORT SA'ID	350	16	18	02	0	0	—		29	74	24
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	8.2	35	39	19
	342	MANSURA	40	5	35	00	0	0	—	7.1	38	24	14
	348	TANTA	00	0	35	02	0	0	—	6.6	38	21	13
	354	ZAGAZIG	00	0	50	02	2	0	—	7.2	36	33	17
	441	ISMA'ILIA	360	2	35	01	0	0	—	6.3	37	22	12
Cairo Area	366	FAROUK (Airport)	20	8	30	00	0	0	—	8.0	36	17	7
	372	ALMÂZA	40	11	30	00	0	0	—	7.3	36	27	14
		EZBEKIYA	20	3	30	00	2	0	—	6.8	36	22	11
		GÎZA	20	3	30	00	2	0	—	8.3	36	25	13
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	7.0	37	8	-3
	387	MINYA	340	9	10	00	0	0	—	5.4	37	19	10
	393	ASYÛT MANQABÂD	330	11	30	00	0	0	—	5.0	38	19	11
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	4.8	38	31	18
	402	QENA	00	0	50	00	0	0	—		42	18	13
	405	LUXOR											
	414	ASWÂN	200	2	50	00	0	0	—	2.7	42	9	3
Oases	417	SÎWA	10	12	14	00	0	0	—	10.8	42		
	420	BAHARÎYA	360	3	35	02	0	0	—	8.2	38	27	16
	423	FARAFRA	40	5	35	02	1	2	Ac	10.3	37	18	9
	432	DAKHLA	340	11	50	00	0	0	—	6.8	37	18	9
	436	KHARGA	340	6	15	00	0	0	—	6.6	40	15	9
Red Sea	450	SUEZ	360	9	50	02	0	0	—	6.6	35	19	8
	459	TOR	290	13	50	02	0	0	—	6.8	31	49	19
	462	HURGHADA	10	13	30	02	0	0	—	3.8	29	59	20
	465	QUSEIR	20	9	15	02	0	0	—	5.0	31	52	20
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	290	2	30	02	0	0	—		41	7	-1
	660	KAREIMA	270	4	30	01	1	3	Ci	3.1	41	13	7
	680	ATBARA											
	721	KHARTÛM	240	4	30	01	1	3	Ac, Ci	2.7	41	15	9
	730	KASSALA	220	6	30	03	1	4	Cu	1.7	41	17	11
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA	200	6	30	03	1	8	Cu, Cs		35	22	10
S. Sudan	840	MALAKÂL	180	12	30	03	2	2	Cu, Ac	7.2	33	36	16
	880	WÂU											
	941	JUBA											

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
SALÛM												
SÎDI BARÂNI	290	13	18	00	0	0	—	9.4	25	88	23	0
MATRÛH	290	13	18	02	0	0	—	9.6	25	79	21	0
EL DABA	320	11	7	00	0	0	—		25	83	22	0
ALEXANDRIA	110	13	35	00	0	0	—	8.0	25	83	22	0
FOUAD (Airport)	320	15	12	02	0	0	—	8.9	25	83	22	0
DAMIETTA	320	5	7	02	0	0	—	8.8	25	83	22	0
PORT SA'ID	340	11	15	02	0	0	—		28	62	20	0
EL 'ARISH												
DAMANHUR	40	9	15	02	0	0	—	7.8	30	52	19	0
MANSURA	320	3		00	0	0	—	6.8	29	52	18	0
TANTA	00	0	35	02	0	0	—	6.6	28	52	17	0
ZAGAZIG	00	0	35	02	0	0	—	7.7	31	43	17	0
ISMA'ILIA	20	2	35	02	0	0	—	6.4	30	35	13	0
FAROUK (Airport)	20	11	13	00	0	0	—	7.0	33	34	15	0
ALMÂZA	40	9	15	00	0	0	—	6.6	33	38	17	0
EZBEKIYA	00	0	12	00	0	0	—	5.9	32	34	14	0
GÎZA	00	0	12	00	0	0	—	6.7	33	30	13	0
HELWÂN												
FAIYÛM	360	2	35	02	0	0	—	5.2	32	34	14	0
MINYA	360	6	8	00	0	0	—	4.0	26	42	12	0
ASYÛT MANQABÂD	290	6	12	00	0	0	—	4.2	31			0
NAG' HAMMÂDI	00	0	15	00	0	0	—	3.8	29	46	16	0
QENA	00	0	7	00	0	0	—	3.6	31	31	12	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	2.0	37	14	6	0
SÎWA	20	14	10	00	0	0	—	9.6	38			0
BAHARÎYA	00	0	15	02	0	0	—	7.1	33	44	19	0
FARAFRA	320	4	15	01	1	0	—		31	28	10	0
DAKHLA	340	5	35	00	0	0	—	6.2	32	26	10	0
KHARGA	00	0	15	00	0	0	—		33	26	11	0
SUEZ	360	7	15	02	0	0	—	5.8	32	20	6	0
TOR	360	2	35	02	0	0	—	3.7	30	59	21	0
HURGHADA												
QUSEIR	20	5	15	02	0	0	—	3.8	29	70	23	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 23rd June, 1952

Station	Wind 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 mps.	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	—	10.3	-1.6	24			22	+2	69	18	0	Rain	
SÎDI BARÂNI											29								
MATRÛH	300	11	30	02	0	0	—	9.5	-2.6	26	31		22		79	22	0	135	
EL DABA	320	12	15	00	0	0	—			26	29		23		74	21	0	214	
ALEXANDRIA	360	16	50	00	0	0	—	7.5	-4.3	26	30	+1	23	+2	74	21	0	166	186
FOUAD (Airport)	310	14	18	02	0	0	—	7.2	-4.2	26	31	+2	23	+2	79	22	0	Rain	138
DAMIETTA	290	5	15	00	0	0	—	6.2	-4.4	27	31	+2	21	+1	70	21	0	171	106
PORT SA'ID	280	9	18	02	0	0	—	4.2	-6.7	28	29	0	24	+1	74	23	0	92	
EL 'ARISH	260	8	30	00	0	0	—	4.6	-6.0	28			23		42	14	0	101	
DAMANHUR	360	9	15	02	0	0	—	7.2	-3.7	27	36	+4	18	-1	55	17	0	87	101
MANSURA	340	3	35	00	0	0	—	6.3	-4.7	30	39	+5	21	+2	62	22	0	62	55
TANTA	00	0	35	02	0	0	—	6.2	-4.9	28	39	+4	20	+2	70	22	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	7.5	-3.6	26	39	+4	18	0	74	21	0	30	27
ISMA'ILIA	290	5	35	01	0	0	—	5.8		29	39		20		59	20	0		
FAROUK (Airport)	290	9	15	00	0	0	—	7.1		26	38		22		74	21	0	83	
ALMÂZA	290	5	12	00	0	0	—	7.4	-4.2	26	38	+3	23	+2	83	23	0	71	
EZBEKIYA	310	6	12	00	0	0	—	7.6	-3.5	26	38	+3	23	+3	70	20	0	61	26
GÎZA	310	6	12	00	0	0	—	6.7	-4.5	28	38	+3	21	+3	62	20	0	58	27
HELWÂN																			29
FAIYÛM	360	4	35	02	0	0	—	7.1	-3.6	29	37	+3	22	+2	52	18	0	23	8
MINYA	350	9	10	00	0	0	—	5.9	-5.4	28	38	+1	20	+1	52	17	0	5	
ASYÛT MANQABÂD	310	4	12	00	0	0	—	5.7	-4.1	28	39	+2	22	+1	40	13	0	3	
NAG' HAMMÂDI	00	0	15	00	0	0	—	5.9	-2.6	27	40	+2	20	0	52	16	0	0.1	
QENA	00	0	35	00	0	0	—	5.1	-2.8	27	42	+1	24	+1	42	13	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	4.4	-3.7	33	43	+1	26	0	16	4	0	dr.	
SÎWA	320	6	14	00	0	0	—	11.5	-1.7	28	42	+4	26	+6	45	15	0	26	8
BAHARÎYA	00	0	35	02	0	0	—	8.3	-3.2	29	39	+3	24	+5	46	16	0	1	7
FARAFRA	360	2	35	02	0	0	—	8.4		30	39		22		35	13	0	Rain	
DAKHLA	320	4	50	00	0	0	—	6.8	-3.7	33	41	+2	25	+2	34	15	0	dr.	
KHARGA	360	1	15	00	0	0	—	7.1	-1.8	32	40	+1	24	+1	28	11	0	dr.	
SUEZ	360	7	35	00	0	0	—	6.0	-4.1	28	38	+3	20	-2	52	17	0	44	17
TOR	310	2	35	02	0	0	—			28			25	+1	58	19	0	1	13
HURGHADA																			
QUSEIR	360	9	15	02	0	0	—	4.6	-3.0		31	-2	26	0			0	dr.	4
PORT SÛDÂN																			97
WÂDI HALFA	00	0	30	02	0	1	Cs	6.1		30	41		23		17	2	0		
ABU HAMAD	00	0	30	01	1	1	Ci			31	42		25		22	7	0		
KAREIMA																			2
ATBARA	200	4	10	05	2	4	Cs	6.5		33	43		27		34	15	0		8
KHARTÛM	220	11	30	03	1	7	Ci	8.4		31	42		29		43	17	0		14
KASSALA	200	10	30	01	1	4	Ac, Ci	8.7		30	43		27		46	17	0		43
WÂD MEDANI	180	9	35	02	2	8	Cc	10.0		30	42		25		43	16	dr.		49
RENK																			147
ROSEIRES																			204
EL OBEID	230	14	30	02	2	7	Ac	9.7		27	39		25		55	17	0		61
EL FASHER	200	12	30	03	2	8	Sc, Ac			25	39		22		70	19	0		27
GENEINA	200	5	30	03	2	8	Cu, Ac			23	37		21		78	19	0.6		64
MALAKÂL																			293
WÂU	290	3	30	01	6	6	Ac, Cs	13.6		23	33		21		83	20	1		493
JUBA																			574

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	82	+9
Ezbekiya	58	+3
Giza	54	-1
Helwân		

GÎZA GRASS MINIMUM TEMP. ON 23rd 19.8 °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 22nd

Station	Minya		Kharga		Dakhla		Asyut		Siwa		Matruh		Hurghada		S. Bonani								Port Said		Minya	
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	16	340	16	360	14	310	16	20	32	350	16	340	12	330	17							300	11	10	30
600	340	17	340	23	10	16	330	10	20	35	350	16	360	13	300	10							320	18	10	33
1000	330	19	340	25	20	16	330	7	20	27	330	16	10	10	320	12							350	17	20	28
1500	320	16			20	23	10	5	50	10	10	17	340	15	330	15							360	13		
2000					30	30	20	14	30	29					350	25							10	8		
3000									30	34																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arish		Helwân		Minya		Asyut Manqabad		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			340	10	350	17	250	9					10	21										
600			360	15	360	19	330	12					360	24										
1000			10	17	350	19	330	13					10	22										
1500			350	20	320	19	350	12					20	20										
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	8		8		8		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	350	16	250	10	360	15	360	8																
600	350	19	230	16	10	24	350	15															270	21
1000	320	21	240	15	10	23	350	22													190	18	210	27
1500	320	19			10	16	350	10													230	21	210	13
2000	330	24																			300	15		
3000	330	29																			20	9		
4000																					50	13		
5000																					90	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.

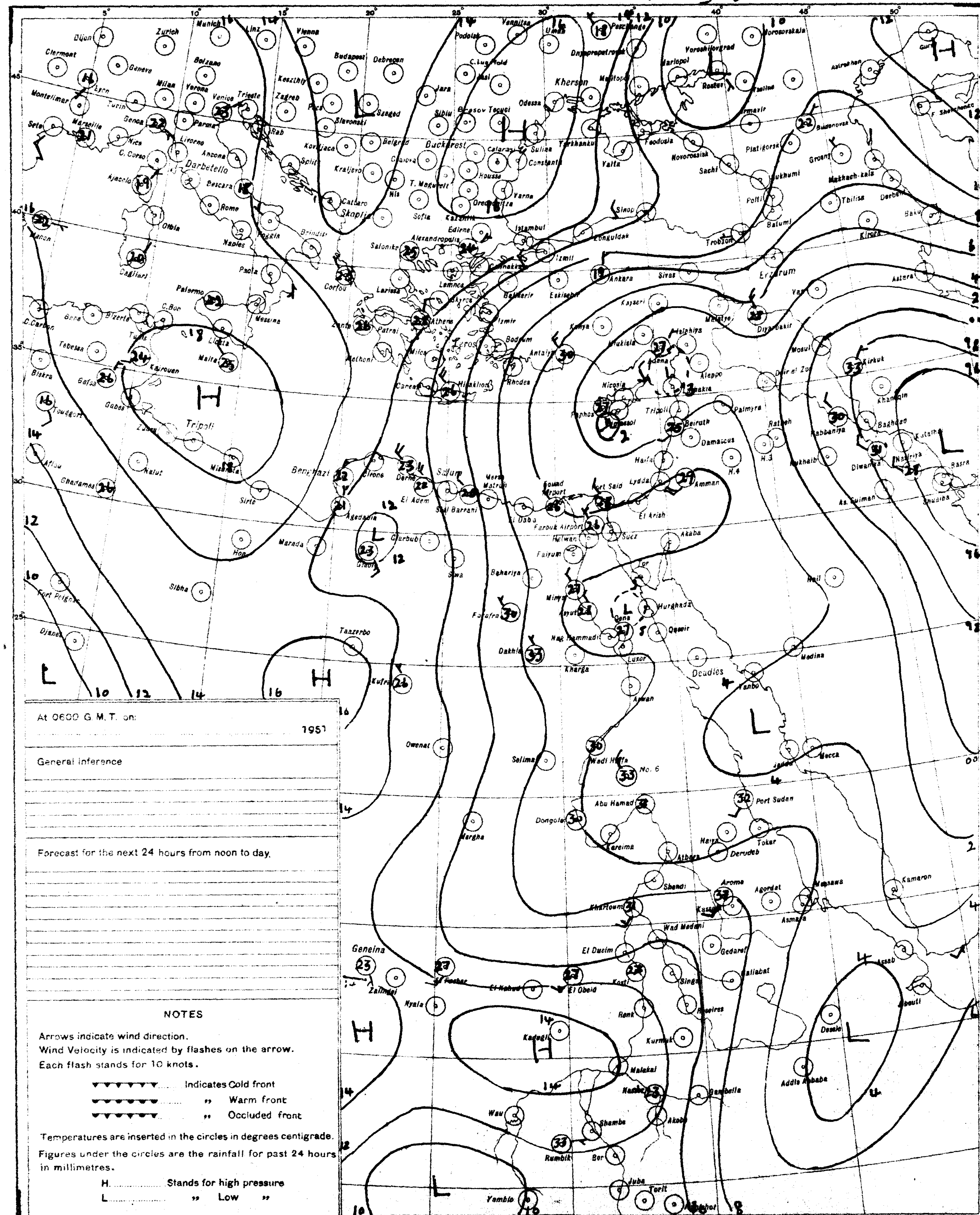
Note: All times are G.M.T.

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 Monday 23-6-1952



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 / 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
- Cirrostratus
- Cirrocumulus
- Altocumulus
- Altostratus
- Stratocumulus
- Nimbostratus
- Cumulus or Fractocumulus
- Cumulonimbus
- Stratus or Fractostratus

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 17 00 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Tuesday 24th June, 1952

At 1200 on Monday 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
62300	Salûm	360	9	35	00	0	0	—	10.4	32	34	14
303	Sidi Barâni											
306	Matruh	310	17	35	02	0	0	—	10.1	28	66	21
309	El Daba	320	11	35	00	0	0	—		27	70	21
	Alexandria	360	23	50	00	0	0	—	7.5	26	74	21
318	Fouad (Airport)	320	20	18	02	0	0	—	7.2	28	70	22
330	Damietta	320	9	35	00	0	0	—	6.2	28	70	22
333	Port Saîd	340	11	18	01	0	0	—	5.6	29	70	23
336	El Arish											
329	Damanhur	360	9	15	02	0	0	—	7.3	32	49	20
342	Mansura	320	5	35	00	0	0	—	6.0	35	29	14
348	Tanta	00	0	35	02	0	0	—	5.3	35	32	16
354	Zagazig	320	1	50	02	0	0	—	6.3	37		
441	Ismailia	340	5	35	03	1	2	Cu	4.7	38	24	14
366	Farouk (Airport)	320	13	30	00	0	0	—	7.0	36	25	13
372	Almaza	310	8	18	00	0	0	—	6.0	36	29	15
	Ezbekiya	20	3	30	00	0	0	—	6.2	36	29	15
	Gîza	20	3	30	00	0	0	—	6.4	37	27	15
378	Helwân											
381	Faiyûm	00	0	35	02	0	0	—	6.6	37	22	12
387	Minya	360	5	12	00	0	0	—	4.6	39	17	10
393	Asyût Manqabad	320	12	30	00	0	0	—	4.7	40	11	4
399	Nag Hammadi	00	0	15	00	0	0	—	2.9	40	26	17
402	Qena	00	0	50	00	0	0	—	3.2	43	22	17
405	Luxor											
414	Aswân	00	0	50	00	0	0	—	2.0	43	9	4
417	Sîwa	360	8	14	00	0	0	—	10.4	37		
420	Bahariya	320	3	50	02	0	0	—	8.0	38	27	16
423	Farafra	360	2	35	02	0	0	—	8.0	39	21	13
426	Dakhla	360	19	35	00	0	0	—	7.4	39	24	15
435	Kharga	360	2	15	00	0	0	—	5.1	41	15	9
450	Suez	310	8	50	02	0	0	—	3.9	39	17	10
459	Tor	310	13	50	02	0	0	—	2.8	33	38	17
462	Hurghâda											
465	Quseir	20	9	15	02	0	0	—	4.0	33	56	23
641	Port Sudân	50	11	10	05	0	0	—	2.2	37	48	24
600	Wâdi Halfa	310	7	50	02	0	1	CS	3.9	39	7	-4
640	Abu Hamad	270	8	30	02	0	0	—		41	8	1
660	Kareima											
680	Atbara	250	8	10	05	1	3	CS	3.8	41	13	7
721	Khartum	220	16	30	03	1	7	Cu, Ci	5.3	39	28	17
730	Kassala											
751	Wad Medani											
801	Renk											
802	Roseires											
771	El Obeid	150	18	30	63	2	7	Sc, Ac	7.8	31	28	10
760	El Fasher	00	0	30	02	2	8	Cu, Ac		35	35	17
770	Geneina	200	6	30	03	1	6	Cu, Ci		32	66	25
840	Malakal	320	7	30	95	9	8	Cb, Ac	12.4	25	79	21
860	Wau	100	12	30	03	2	8	Cu, Ac	10.6	31	52	20
941	Juba	230	3	30	03	6	8	Cu, Ac	10.6	31	35	18

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
Salûm	340	9	15	00	0	0	—	10.3	27	52	16	0
Sidi Barâni	320	15	18	00	0	0	—	10.2	24	88	22	0
Matruh	290	12	18	02	0	0	—	9.9	24	88	22	0
El Daba	320	10	35	00	0	0	—		24	74	19	0
Alexandria	360	20	35	00	0	0	—	7.6	24	74	19	0
Fouad (Airport)	340	15	12	01	1	2	Sc	7.2	24	83	21	0
Damietta	320	5	7	03	2	0	—	6.3	25			0
Port Saîd	320	19	12	02	0	0	—	5.4	26	79	22	0
El Arish												
Damanhur	40	9	15	02	0	0	—	7.4	25	74	20	0
Mansura	320	9		00	0	0	—	7.1	26	70	20	0
Tanta	00	0	35	02	0	0	—	6.0	27	62	19	0
Zagazig	320	1	35	02	0	0	—	7.4	27	70	21	0
Ismailia	320	5	35	01	0	0	—	5.8	29	52	18	0
Farouk (Airport)	340	8	12	00	0	0	—	7.4	29	52	18	0
Almaza	320	8	12	00	0	0	—	6.8	30	59	21	0
Ezbekiya	00	0	12	00	0	0	—	6.7	30	55	20	0
Gîza	00	0	12	00	0	0	—	7.4	27	62	19	0
Helwân												
Faiyûm												
Minya	360	7	8	00	0	0	—	4.5	30	31	11	0
Asyût Manqabad	300	3	11	00	0	0	—	4.8	32	28	11	0
Nag Hammadi	290	1	15	00	0	0	—	3.2	34	32	15	0
Qena	00	0	7	00	0	0	—	2.2	37	18	9	0
Luxor												
Aswân	00	0	15	00	0	0		2.8	39			0
Sîwa	10	12	10	00	0	0	—	9.9	34	30	14	0
Bahariya	360	4	15	02	0	0	—	8.2	31	43	17	0
Farafra	340	4	35	02	0	0	—	7.8	32	24	9	0
Dakhla	340	11	35	00	0	0	—	5.4	36	29	15	0
Kharga	360	2	15	00	0	0	—	3.2	33	12	0	0
Suez	310	10	15	02	0	0	—	6.3	31	31	12	0
Tor	310	9	35	02	0	0	—		31	49	19	0
Hurghâda												
Quseir	40	5	15	02	0	0	—	3.8	30	70	24	0
Port Sudân	350	9	10	05	0	0	—	3.5	32	29	12	0
Wâdi Halfa												
Abu Hamad												
Kareima	250	6	30	02	0	0	—	5.6	35	10	-1	0
Atbara	270	4	30	02	0	0	—	3.8	37	14	6	0
Khartum	190	13	30	01	2	4	Ac, Ci	6.4	35	35	17	0
Kassala	180	8	30	13	2	4	Cb, Ci	9.1	30	46	17	0

At 0600 on Tuesday 24th June, 1952

Station	Wind 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	Rainfall	Rainfall
Salûm	290	13	15	00	0	0	—	11.4	-0.4	25	34	+4	20	0	70	19	0	Rain	
Sidi Barâni	310	13	18	00	0	0	—	10.8		25	28		23		70	19	0	115	
Matruh	300	16	18	02	0	0	—	9.4	-2.6	26	30		22		70	20	0	135	
El Daba	320	7	15	00	0	0	—			25	29		23		61	17	0	214	
Alexandria	310	15	50	01	1	3	Ac	8.4	-3.3	25	28	-1	22	+1	70	19	0	166	186
Fouad (Airport)	320	16	18	01	0	0	—	7.9	-3.4	25	29	0	23	+2	74	20	0	Rain	138
Damietta	290	2	7	02	1	4	Sc	7.5	-3.0	26	29	0	23	+3	74	21	0	171	106
Port Saîd	280	9	12	03	1	4	Sc	5.7	-5.1	27	32	+3	23	0	74	22	0	92	
El Arish	270	6	30	02	2	6	Cu, Sc	5.9	-4.5	26			22		70	20	0	101	
Damanhur	360	13	15	02	1	1	Cu	7.2	-3.6	23	33	+1	18	-1	74	18	0	87	101
Mansura	270	5	35	02	1	2	Cu	7.6	-3.3	26	36	+2	21	+2	70	20	0	62	55
Tanta	00	0	35	02	0	0	—	7.5	-3.5	28	35	0	19	+1	62	20	0	65	44
Zagazig	00	0	35	02	0	0	—			25	37	+2	22	+4	74	20	0	30	27
Ismailia	270	2	35	03	1	6	Ac	7.6		26	39		23		70	20	0		
Farouk (Airport)	290	10	12	01	2	6	Sc	9.0		25	37		22		61	17	0	83	
Almaza	360	8	12	01	2	5	Sc	8.7	-2.8	24	37	+2	22	+1	79	20	0	71	
Ezbekiya	330	4	12	02	2	6	Cu	8.0	-3.0	25	37	+2	22	+2	65	18	0	61	26
Gîza	330	4	12	02	2	6	Cu	8.3	-2.8	25	38	+3	22	+4	70	19	0	58	27
Helwân																			29
Faiyûm	360	6	35	03	1	3	Cu, Sc	10.0	-0.7	25			20	0	61	17	0	23	8
Minya	360	9		00	0	0	—	9.3	-1.9	24	39	+2	19	0	65	17	0	5	
Asyût Manqabad	320	7	15	00	0	0	—	9.0	-0.7	24	41	+4	21	0	65	17	0	3	
Nag Hammadi	00	0	15	00	0	0	—	8.4	0.0	29	41	+3	23	+3	52	18	0	0.1	
Qena	270	1	35	00	0	0	—	6.8	-1.1	29	44	+3	24	0	40	14	0	2	
Luxor																			
Aswân	340	5	50	00	0	0	—	6.4	-1.6	32	44	+2	27	+1	20	6	0	dr.	
Sîwa	300	5	14	00	0	0	—	13.2	+0.1	25	39	+1	22	+2	54	15	0	26	8
Bahariya	340	6	35	02	0	0	—	10.0	-1.4	26	40	+4	19	0	55	16	0	1	7
Farafra											41								
Dakhla	350	4	50	00	0	0	—	10.5	+0.1	31	41	+2	26	+3	38	15	0	dr.	
Kharga	360	2	15	00	0	0	—	8.6	-0.2	32	41	+2	27	+4	24	9	0	dr.	
Suez	310	7	35	00	0	0	—	8.2	-1.8	27	40	+5	22	0	55	17	0	44	17
Tor	310	19	50	02	0	0	—			27			25	+1			0	1	13
Hurghâda																			
Quseir	360	13	15	02	0	0	—	5.0	-2.6	30	34	+1	27	+1	59	21	0	dr.	4
Port Sudân	230	20	4	07	2	7	Ci	5.5		38	40		25		27	16	0		97
Wâdi Halfa	40	1	50	02	0	1	Ci	6.9		31	41		23		16	2	0		
Abu Hamad	00	0	30	02	2	7	CS			32	42		24		13	0	0		
Kareima	180	3	30	02	0	0	—	7.1		31	42		25		17	3	0		2
Atbara	220	7	30	02	0	2	Cc	7.1		33	42		29		38	17	0		8
Khartum	180	17	30	03	1	7	Cs	9.2		31	40		28		55	21	0		14
Kassala	170	3	30	02	0	8	Ac, CS	10.3		29	35		26		52	18	0		44
Wad Medani																			50
Renk																			150
Roseires																			209
El Obeid	230	7	50	02	2	6	Ac	10.2		27	36		24		66	20	0.5		63
El Fasher																			28
Geneina																			66
Malakal																			298
Wau																			499
Juba																			579

Station	On 23rd	Diff. from normal
Alexandria	76	+3
Ezbekiya	59	+3
Giza	60	+5
Helwân		

GIZA
Grass minimum temp. On 24th 21.0 °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

Pressure 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	Port Said		Asyut		Dakhla		Minya		Siwa		Kharga		S. Barani												Minya	
Time	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	310	23	330	15	360	15	10	21	360	18	360	7	350	20											350	12
600	300	16	340	19	310	16	10	24	10	21	360	16	340	21											350	16
1000	300	27	340	19	20	12	10	22	360	10	360	18	340	20											350	12
1500	300	34	330	18	20	16	360	33	10	13	360	10	330	18											340	13
2000	270	21	320	18					350	15			320	19												
3000	270	31							350	14																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Manqabad		Luxor		Aswan		Hurghada	
Time			4				2		8				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.
300			330	17			290	13	280	10			350	3	330	12						
600			340	21			300	13	260	10			350	6	330	15						
1000			340	20			330	6	260	8			340	8								
1500			350	37			340	14	300	8					350	23						
2000			340	11			340	9	320	9					350	13						
3000															360	9						
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																	
Height m.	Dir.	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	20	360	18	320	22	360	16																
600	350	22	360	15	320	26	350	25																
1000	350	22	360	17	320	19	340	24																
1500	350	18	360	27			350	24																
2000	350	15	10	26																				
3000	360	26	360	30																				
4000	350	24																						
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.

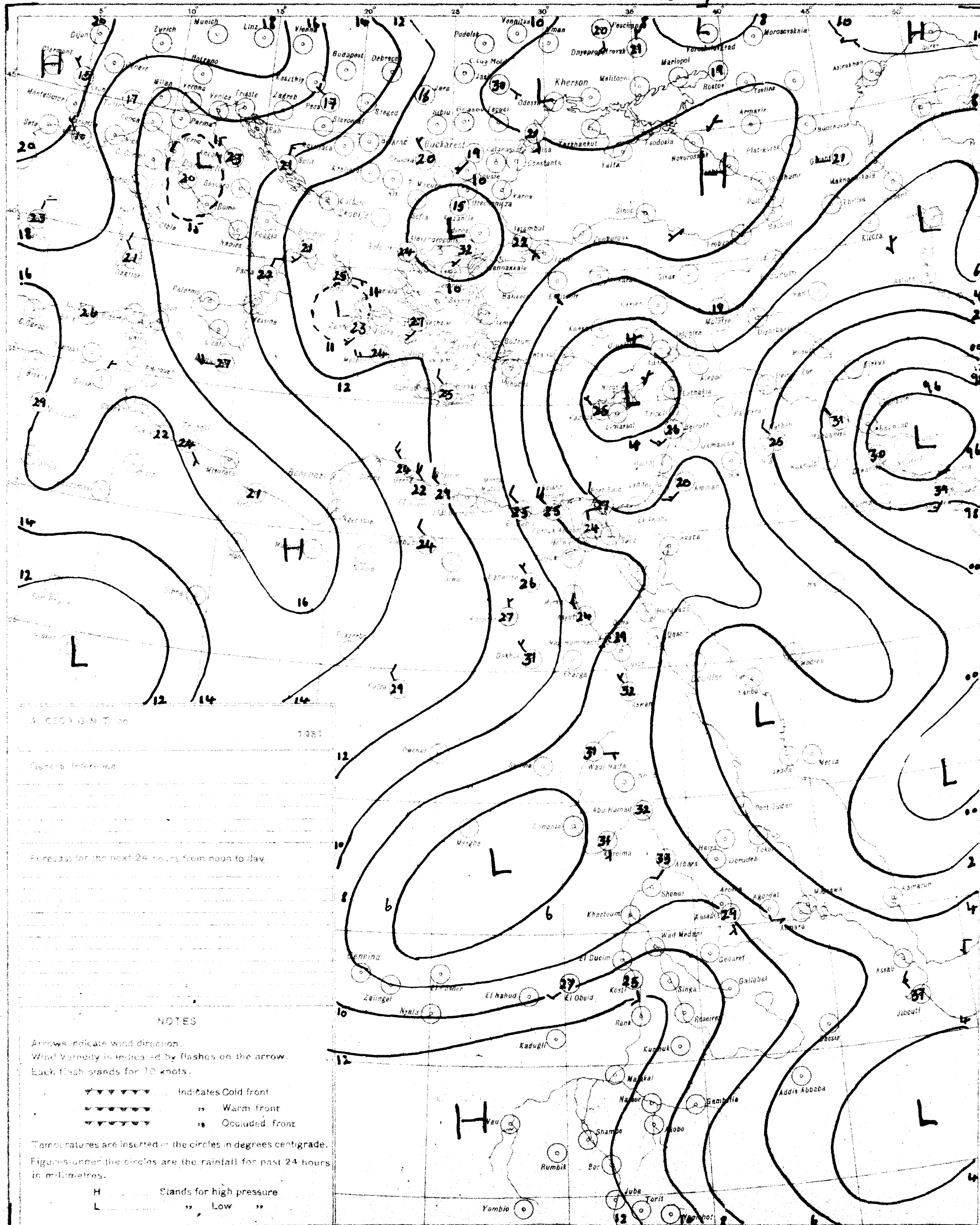
Note: All times are G.M.T.

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 24-6-1952



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 ,,

S of E 1949-53/357 (50/531)

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
	[illegible] hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		40
Drizzle		53
Rain		63
Showers of rain		80
[illegible] hail		87
Rain / Hail — Thunderstorm during the past hour		91
		93
Thunderstorm with rain		95
[illegible] hail		96
[illegible] 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 17 00 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 25th June, 1952

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											
	303	SIDI BARANI											
	306	MATRUH	300	14	30	02	0	0	—	10.2	27	66	20
	309	EL DABA	320	9	35	00	0	0	—		27	62	19
		ALEXANDRIA	310	22	50	00	0	0	—	8.4	27	55	17
	318	FOUAD (Airport)	320	19	18	02	0	0	—	8.5	27	62	19
	330	DAMIETTA	320	5	35	00	0	0	—	7.4	28	62	20
	333	PORT SAID	340	11	18	01	0	0	—	5.6	29	70	23
	336	EL ARISH	330	8	30	00	1	0	—	6.0	28	70	22
Lower Egypt	339	DAMANHUR	360	9	15	02	1	1	Cu	7.7	30	46	17
	342	MANSURA	320	5	35	00	1	0	—	7.1	33	38	17
	348	TANTA	00	0	35	02	0	0	—	6.9	33	38	17
	354	ZAGAZIG	00	0	50	02	0	0	—		36	31	16
	441	ISMAILIA	360	2	35	03	1	5	Cu	6.3	35	32	16
Cairo Area	366	FAROUK (Airport)	320	8	30	02	0	1	Cu	7.0	33	32	14
	372	ALMAZA	340	6	12	03	0	1	Cu, Sc	7.6	33	47	20
		EZBEKIYA	360	5	30	00	1	1	Cu	7.0	34	25	11
		GIZA	360	5	30	00	1	1	Cu	6.9	34	32	15
	378	HELWAN											
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	—	9.4	34	27	12
	387	MINYA	10	8	10	00	0	0	—	7.0	33	28	12
	393	ASYUT MAMGABAD	300	8	30	00	0	0	—	7.3	33	19	6
	399	NAG' HAMMADI	270	1	15	00	0	0	—	7.2	33	30	13
	402	QENA	320	1	50	00	0	0	—	5.6	38	27	16
	405	LUXOR											
	414	ASWAN	360	5	50	00	0	0	—	4.8	39	11	3
Oases	417	SIWA	340	12	14	00	0	0	—	12.0	37	17	8
	420	BAHARIYA	320	2	35	02	0	0	—	9.6	34	41	19
	423	FARAFRA	320	10	35	02	0	0	—	10.6	35	23	11
	432	DAKHLA	340	19	35	08	0	0	—	8.6	35	12	1
	435	KHARGA	360	6	15	00	0	0	—	7.2	36	25	13
Red Sea	450	SUEZ	360	6	50	01	0	1	Cu	7.4	33	30	13
	459	TOR											
	462	HURGHADA											
	465	QUSEIR	20	9	15	02	0	0	—	5.4	29	79	25
	641	PORT SUDAN											
North Sudan	600	WADI HALFA	340	12	50	01	0	0	—	4.9	41	10	3
	640	ABU HAMAD	270	4	30	02	2	8	CS		41	6	-3
	660	KAREIMA	270	4	30	01	1	4	CS	4.3	41	7	-2
	680	ATBARA	280	9	10	05	1	3	AC, CS	3.6	42	15	10
	721	KHARTUM	240	8	30	03	2	8	Cu, CS	5.5	39	28	17
	730	KASSALA	270	5	30	03	2	7	Cu	5.7	36	31	16
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL											
	880	WAU											
	941	JUBA	90	5	30	02	2	8	Cb, CS	10.4	31	55	21

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												
SIDI BARANI												
MATRUH												
EL DABA	320	1	7	00	0	0	—		24	94	23	0
ALEXANDRIA	310	16	35	00	0	0	—	8.4	24	83	21	0
FOUAD (Airport)	300	14	12	02	0	0	—	8.1	24	79	20	0
DAMIETTA	290	5	7	02	0	0	—	7.6	25	61	17	0
PORT SAID	320	16	14	02	0	0	—	5.5	26	74	21	0
DAMANHUR												
MANSURA	320	9		00	0	0	—	7.6	26	55	16	0
TANTA	00	0				0	—	7.1	24	54	14	0
ZAGAZIG												
ISMAILIA												
FAROUK (Airport)	340	15	12	00	0	0	—	7.4	28	52	17	0
ALMAZA	340	11	12	00	0	0	—	7.4	29	59	20	0
EZBEKIYA	20	6	12	00	0	0	—	7.2	28	42	14	0
GIZA	20	6	12	00	0	0	—	8.1	26	48	14	0
HELWAN												
FAIYUM	360	6	35	02	0	0	—	8.2	29	35	12	0
MINYA												
ASYUT MAMGABAD	00	0	10	00	0	0	—	6.5	30	33	12	0
NAG' HAMMADI												
QENA												
LUXOR												
ASWAN												
SIWA	360	4	10	00	0	0	—	10.6	34	29	13	0
BAHARIYA	360	2	15	02	0	0	—	8.6	30	46	17	0
FARAFRA	360	1	35	02	0	0	—		29	35	12	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	7.2	31	22	7	0
SUEZ												
TOR												
HURGHADA												
QUSEIR												
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Wednesday 25th June, 1952

Station	Wind 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 since Oct. 1st	Normal from Oct. 1st
SALUM																			
SIDI BARANI																			
MATRUH	270	18	18	03	0		Cu	7.4	-4.5	23			20		88	21	0	135	
EL DABA	270	11	15	03	2	7	St			25	28		20		74	20	0	214	
ALEXANDRIA	270	16	50	03	1	6	Sc	6.8	-4.8	25	28	-1	24	+3	74	20	0	166	186
FOUAD (Airport)	280	13	18	03	0	5	Sc	6.8	-4.4	26	28	-1	22	+1	70	20	0	Rain	138
DAMIETTA	200	2	15	00	0	0	—	6.4	-4.0	26	28	-1	19	-1	74	21	0	171	106
PORT SAID	260	15	12	02	0	0	—	4.7	-6.0	25	30	+1	22	-1	74	20	0	92	
EL ARISH																			
DAMANHUR	270	9	15	02	0	0	—	6.5	-4.2	23			18	-1	74	18	0	87	101
MANSURA	220	3	35	00	0	0	—	6.6	-4.2	26	34	-1	19	0	70	20	0	62	55
TANTA	220	2	35	02	0	0	—	6.7	-4.2	27	33	-2	18	0	70	21	0	65	44
ZAGAZIG	00	0				0	—	6.5	-4.9	26			19	+1	74	21	0	30	27
ISMAILIA	290	2	35	01	0	0	—	7.0		25			19		70	19	0		
FAROUK (Airport)	250	7	11	00	1	0	—	8.1		24	35		20		74	19	0	83	
ALMAZA	250	6	8	00	0	0	—	8.5	-2.9	24	35	0	20	-1	74	19	0	71	
EZBE	250	4	12	00	1	2	Cu	7.8	-3.1	24	36	+1	20	0	65	17	0	61	26
GIZA	250	4	12	00	1	2	Cu	7.5	-3.5	26	35	0	18	0	62	18	0	58	27
HELWAN																			29
FAIYUM	00	0	35	02	0	0	—	8.5	-2.1	25	36	0	18	-2	47	13	0	23	8
MINYA	360	1	8	00	0	0	—	7.6	-3.5	25			16	-3	45	12	0	9	
ASYUT MAMGABAD	280	3	12	00	0	0	—	7.2	-2.4	29	36	-1	20	-1	29	9	0	3	
NAG' HAMMADI																			
QENA	00	0	35	00	0	0	—	7.4	-0.4	28			23	-1	52	17	0	2	
LUXOR																			
ASWAN	360	3	50	00	0	0	—	7.6	-0.4	29			24	-2	29	9	0	dr.	
SIWA	160	5	14	00	0	0	—	11.2	-1.9	28	38	0	20	0	33	10	0	26	8
BAHARIYA	00	0	35	02	0	0	—	9.1	-2.2	28	35	-1	18	-1	45	15	0	1	7
FARAFRA	00	0	35	02	0	0	—	10.0		26	36		19		42	12	0	Rain	
DAKHLA	00	0	50	00	0	0	—	10.0	-0.4	28			21	-2	27	7	0	dr.	
KHARGA								10.3	+1.6	28	37	-2	24	+1	33	10	0	dr.	
SUEZ	40	4	35	00	0	0	—	8.8	-1.1	27			20	-2	52	16	0	44	17
TOR																			13
HURGHADA																			
QUSEIR	20	9	15	02	0	0	—	6.0	-1.5	28			26	0	79	24	0	dr.	4
PORT SUDAN	340	30	10	05	0	1	Ci	5.6		34	45		26		4	20	0		97
WADI HALFA																			
ABU HAMAD	360	5	30	02	2	8	CS			33	42		26		14	2	0		
KAREIMA	40	5	30	02	1	4	Ci	7.4		33	42		24		17	5	0		2
ATBARA	250	4	10	05	1	5	Ci	5.9		37	42		26		24	13	0		8
KHARTUM	220	14	30	03	1	4	AC, Ci	7.7		33	40		28		41	18	0		14
KASSALA	180	5	30	01	2	7	AC, Ci	9.9		27	39		20		48	15	21		46
WAD MEDANI																			52
RENK																			153
ROSEIRES																			214
EL OBEID	260	17	30	03	2	8	AC	8.9		29	38		21		52	18	0		64
EL FASHER																			29
GENEINA	250	4	30	02	1	3	AC, Ci			25	37		22		70	19	dr.		68
MALAKAL	230	3	30	02	1	6	AC, Ci	11.6		27	35		23		70	21	0		303
WAU	200	1	30	01	2	8	AC, CS	11.7		25	32		20		79	21	0		505
JUBA	180	5	30	02	2	8	AC, CS	13.2		25	32		21		79	21	0		584

UPPER AIR OBSERVATIONS

Humidity Mean at 1200

Station	On 24th	Diff. from normal
Alexandria	72	-1
Ezbekiya	52	-4
Giza	54	-1
Helwan		

GIZA Grass minimum temp. on 25th 15.6 °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 24th At 15½

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850	1492	20		330	12
800					
700	3138	13		330	18
600					
500	5874	-5		320	30
400	7580	-20		300	41
300	9689	-27		300	52

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.	Siwa Dir.	Siwa Vel.	Matruh Dir.	Matruh Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.	Kharga Dir.	Kharga Vel.	Dakhla Dir.	Dakhla Vel.	Asyut Dir.	Asyut Vel.	Minya Dir.	Minya Vel.
Temp.	14		14		14		14		14		14		14		20	
300	310	13	300	16	210	20	350	8	350	20	320	30	340	23	350	27
600	310	15	300	15	360	20	350	10	350	24	320	32	330	23	360	31
1000	320	10	300	16	340	22	360	12	350	23	310	33	330	21	360	30
1500	330	16	300	30	310	27	340	8			310	51	340	28	320	16
2000	350	29	320	17									350	19		
3000	350	27											340	17		
4000	350	20														
5000	320	17														
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 Mamgabad Dir.	Asyut Mamgabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.
Time			4				2						2		8							
300			290	22			270	15					10	16	320	21						
600			330	18			300	22					360	16	340	21						
1000			330	21			310	21					340	19	320	20						
1500							320	20					330	17	340	25						
2000							300	7							350	26						
3000															320	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	8		8		8										4		3							
300			340	21	310	7																		
600	320	7	340	28	300	6									230	19	160	17						
1000	280	13	340	36	280	4									240	29	180	19						
1500	210	28													240	29	210	21						
2000	290	29													270	12								
3000	310	36															290	21						
4000	310	40															300	19						
5000																	10	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.

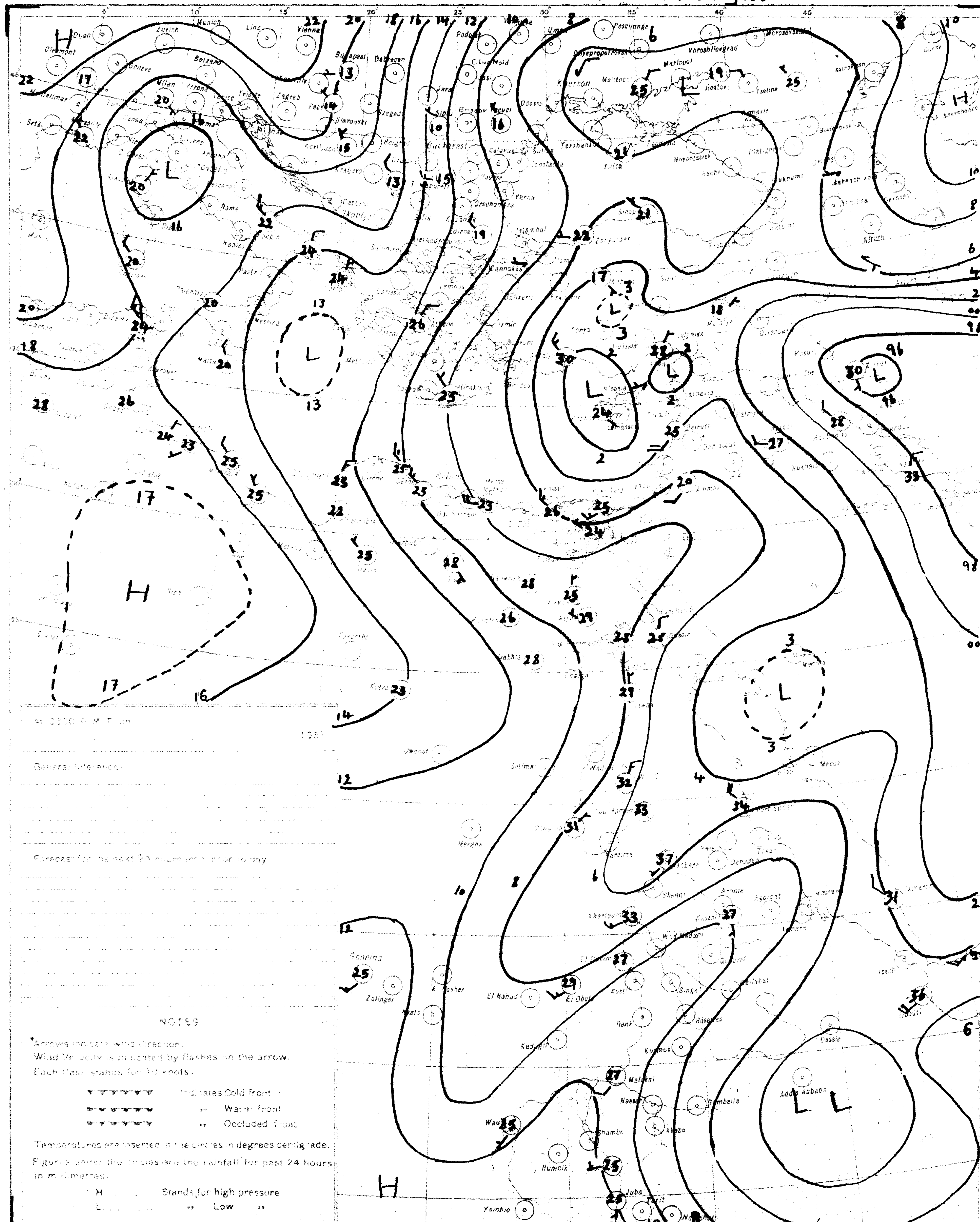
Note: All times are G.M.T.

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 Wednesday 25th 1952



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 reduced by smoke	04
Dry haze	05
Dust in the air	06
Dust or sand raised by wind	07
Dust devil	08
Dust storm or sandstorm within sight or at station during past 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 but not at time of observation: Drizzle	20
Rain	21
Showers of rain	25
Fog	28
Thunderstorm	29
Duststorm or sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
Hail	87
Rain or 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 (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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 55 G. M. T.
" " Sunset 17 00 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Thursday 26th June, 1952

At 1200 on Wednesday 25th — At 1800 on Wednesday 25th

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	SALUM												340	9	15	00	0	0	—	9.8	27	52	16	0
	303	SIDI BARÂNI																							
	306	MATRUH	280	18	18	03	1	4	Sc	7.3	27	66	20												
	309	EL DABA												320	13	7	02	1	4	Cu		24	84	21	0
		ALEXANDRIA	270	23	50	01	2	3	Ac	6.6	26	74	21	310	11	35	02	0	3	Ac	5.8	23			0
	318	FOUAD (Airport)	300	16	18	02	2	4	Sc	6.0	28	66	21												
	330	DAMIETTA	340	9	35	00	0	0	—	6.2	28	62	20												
	333	PORT SA'ID	340	16	30	02	0	0	—	4.7	28	70	22	310	15	14	02	0	0	—	4.6	26	70	20	0
	336	EL ARISH																							
LOWER EGYPT	339	DAMANHUR	310	9	15	02	1	1	Cu	4.0	30	46	17	310	5	15	02	0	0	—	6.0	24	84	21	0
	342	MANSURA	270	5	35	00	0	0	—	5.1	34	36	17	340	5		00	0	0	—	5.1	26	62	18	0
	348	TANTA	00	0	35	02	0	0	—	3.6	24	41	19	00	0	35	02	0	0	—	4.2	26	55	16	0
	364	ZAGAZIG	320	1	50	02	0	0	—	5.1	34	36	17	00	0	35	02	0	0	—	5.0	28	58	19	0
	441	ISMAILIA	290	2	35	02	0	0	—	5.0	34	27	12	320	2	35	01	0	0	—	47	30	46	17	0
CAIRO AREA	366	FAROUK (Airport)	290	14	30	02	0	0	—		28	33	10												
	372	ALMAZA	290	8	30	00	0	0	—	5.6	35	22	10												
		EZBEKIYA	280	6	30	00	0	0	—	5.0	35	19	8	00	0	12	00	0	0	—	4.6	29	40	14	0
		GIZA	280	6	30	00	0	0	—	6.3	37	18	4	00	0	12	00	0	0	—	[illegible]	30	40	15	0
	379	HELWÂN																							
UPPER EGYPT	381	FAIYÛM	00	0	35	02	0	0	—	6.2	37	18	9	00	0	35	02	0	0	—	5.3	31	31	12	0
	387	MINYA	270	3	10	00	0	0	—	6.4	37	17	8	00	0	8	00	0	0	—	4.5	30	25	8	0
	393	ASYÛT MANQABAD	130	10	30	00	0	0	—	6.6	35	18	7	250	2	14	00	0	0	—	4.7	33	24	10	0
	399	NAG HAMMADI	170	2	35	00	0	0	—	6.8	35	29	14	00	0	15	00	0	0	—	5.3	30	40	15	0
	402	QENA	270	1	50	00	0	0	—	4.8	40	15	9												
	405	LUXOR																							
	414	ASWÂN	00	0	50	00	0	0	—	5.0	38	16	8												
OASES	417	SÎWA	350	6	14	00	0	0	—	9.1	36	25	13	350	6	10	00	0	0	-	6.7	33	32	14	0
	420	BAHARÎYA	270	2	35	02	0	0	—	7.4	38	27	16	360	2	15	02	0	0	—	6.3	31	38	15	0
	423	FARAFRA	320	2	35	02	0	0	—	8.2	38	25	15	320	2	15	02	0	0	—	6.4	32	34	14	0
	432	DAKHLA	340	11	35	00	0	0	—	6.7	38	16	8	00	0	35	00	0	0	—	6.4	34	18	6	0
	436	KHARGA	360	2	35	00	0	0	—	6.2	38	19	11	00	0	15	00	0	0	—	7.6	33	16	4	0
RED SEA	460	SUEZ	130	5	50	02	0	0	—	5.6	32	34	14	310	6	15	02	0	0	—	4.7	32	28	11	0
	459	TÔR	310	19	50	02	0	0	—	4.3	30	52	19	310	9	35	02	0	0	—	2.8	29	66	22	0
	462	HURGHADA																							
	465	QUSEIR	20	9	15	02	0	0	—	4.6	30	79	26	120	5	15	02	0	0	—	4.8	28	62	20	0
	641	PORT SUDÂN	40	11	30	02	0	1	Ac	3.1	43	34	24												
NORTH SUDAN	600	WÂDI HALFA	310	12	50	02	0	2	Cs	5.6	38	12	4												
	650	ABU HAMAD																							
	660	KAREIMA	270	5	30	01	1	2	Ci	3.8	41	10	4												
	680	ATBARA																							
	721	KHARTUM	220	10	30	02	2	5	Cu	3.4	39	21	13												
	730	KASSALA																							
CENTRAL SUDAN	751	WAD MEDANI																							
	801	RENK	230	9	50	02	2	7	Cu		36	31	16												
	802	ROSEIRES																							
	771	EL OBEID	200	12	30	02	8	6	Cb, Cs	5.1	35	32	16												
	760	EL FASHER																							
	770	GENEINA																							
S. SUDAN	840	MALAKAL	270	6	30	03	2	8	Cb, Cs	7.3	34	39	18												
	880	WAU																							
	941	JUBA	170	8	30	02	2	8	Cb, Ci	8.1	33	38	17												

At 0600 on Thursday 26th June, 1952

Wind 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 1st Oct.	Rainfall Normal from 1st Oct.	Station
320	9	15	03	0	5	Ac	8.2	-3.3	26	35	+5	19	-1	48	14	0	Rain		SALUM
																			SIDI BARÂNI
320	8	18	03	1	3	Cu	7.4	-4.4	25			21		61	17	0	135		MATRÛH
320	3	15	00	0	0	—			25	27		21		70	19	0	214		EL DABA
310	9	50	03	2	4	Sc	5.9	-5.5	25	28	-1	22	0	70	19	0	166	186	ALEXANDRIA
340	9	18	02	0	2	Sc	5.4	-5.6	25			22	+1	74	20	0	Rain	138	FOUAD (Airport)
250	5	7	03	1	3	Cu	5.5	-4.8	25			19	-2	74	20	0	171	106	DAMIETTA
310	9	12	03	0	3	Sc	4.0	-6.5	26	33	+4	22	-1	74	21	0	92		PORT SA'ID
250	3	30	00	0	0	—	4.0	-6.2	26			20		70	20	0	101		EL ARISH
40	9	15	02	1	1	Cu	6.2	-4.4	25	31	-1	19	0	74	20	0	87	101	DAMANHÛR
320	5	35	02	1	3	Cu	5.6	-5.1	26	34	-1	19	0	70	20	0	62	55	MANSÛRA
00	0	35	01	1	4	Cu	5.6	-5.2	25	34	-1	18	0	74	20	0	65	44	TANTA
00	0	35	03	1	8	Cu	5.3	-5.5	25	35	0	19	+1	74	20	0	30	27	ZAGAZIG
290	2	35	01	0	0	—	5.8		26	36		21		62	18	0			ISMAILIA
290	6	12	01	2	3	Sc	6.8		24			21		74	19	0	83		FAROUK (Airport)
290	5	10	01	1	3	Sc	6.4	-4.9	24			21	0	47	12	0	71		ALMAZA
50	6	12	01	1	4	Cu	7.0	-3.8	25	37	+2	22	+2	70	19	0	61	26	EZBEKIYA
50	6	12	01	1	4	Cu	6.8	-4.1	25	37	+2	21	+3	70	19	0	58	27	GÎZA
																		29	HELWÂN
360	4	35	02	0	0	—	6.3	-4.2	25	37	+1	21	+1	70	19	0	23	8	FAIYÛM
360	3	10	00	0	0	—	6.4	-4.6	27	40	+3	19	0	45	14	0	5		MINYA
310	3	12	00	0	0	—	6.0	-3.5	28	37	0	23	+2	45	15	0	3		ASYÛT MANQABAD
00	0	15	00	0	0	—	6.2	-2.1	27	36	-2	21	+1	42	13	0	0.1		NAG HAMMÂDI
																			QENA
																			LUXOR
00	0	50	00	0	0	—	6.3	-1.6	30			25	-1	31	11	0	dr.		ASWÂN
360	7	14	00	0	0	—	9.6	-3.4	24	38	0	21	+1	69	18	0	26	8	SÎWA
00	0	35	02	0	0	—	7.5	-3.7	28	39	+3	20	+1	45	15	0	1	7	BAHARÎYA
360	1	35	02	0	0	—	7.4		29	40		21		46	16	0	Rain		FARAFRA
20	4	50	00	0	0	—	7.1	-3.2	29	39	0	21	-2	29	9	0	dr.		DAKHLA
00	0	15	00	0	0	—	6.2	-2.4	30	40	+1	21	-2	31	11	0	dr.		KHARGA
350	4	35	00	0	0	—	6.8	-3.0	27	34	-2	21	-1	62	19	0	44	17	SUEZ
290	2	35	02	0	0	—	4.7	-2.7	28			23	-1	79	24	0	1	13	TÔR
30	6	30	02	0	0	—	4.5	-3.0	27			24	0	66	20	0	Rain		HURGHADA
330	9	15	02	0	0	—	5.4	-2.0		31	-2	26	0			0	dr.	4	QUSEIR
																		97	PORT SUDÂN
40	3	30	01	0	0	—	6.7					22			6	0			WÂDI HALFA
																			ABU HAMAD
50	3	30	03	0	3	Cs	6.6		31	42		23		21	6	0.		2	KAREIMA
240	9	30	02	0	2	Ac	7.8		31	42		26		41	16	0		8	ATBARA
230	16	15	02	1	6	Cs	8.0		31	41		25		49	19	0		15	KHARTÛM
190	8	30	01	2	4	Sc	10.5		26	30		23		66	19	dr.		47	KASSALA
30	9	35	02	2	8	Cc	3.6		26	37		21		40	11	10		53	WAD MEDANI
																		156	RENK
130	2	15	02	2	8	Sc	11.9		24	34		22		74	19	2		219	ROSEIRES
180	10	30	01	2	5	Ac, Ci	9.8		27	33		24		74	22	0.2		66	EL OBEID
																		30	EL FASHER
230	13	30	03	1	8	Ac, Cs			25	37		22		70	19	dr.		70	GENEINA
160	9	30	61	6	8	As	12.2		24	36		22		89	22	0.1		308	MALAKAL
																		511	WAU
180	6	10	04	1	6	Cb, Ac	12.3		25	43		21		70	19	0		589	JUBA

HUMIDITY Mean of day

Station	25th	Diff. from normal
Alexandria	80	+7
Ezbekiya	52	-4
Giza	48	-7
Helwân		

GÎZA GRASS MINIMUM TEMP. on 26th 19.9

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 25th

Station	Fouad A.P.		Kharga		Hurghada														Minya		Port Said	
Time	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.
300	300	26	360	7	30	13													360	2	300	12
600	310	14	360	12	40	15													350	1	310	13
1000	300	21	350	16	20	13													340	5	310	21
1500	280	28			240	25													360	4	300	36
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 26th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA	
Time			4		2		2		7				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.
300			350	12	340	13	270	10	310	7			360	2	20	3						
600			360	12	340	11	260	12	250	4			350	4	330	3			20	6		
1000			20	14	340	12	260	15	180	3			360	3	320	3			10	10		
1500			20	9			240	16					360	1	300	17			330	8		
2000															290	15			330	31		
3000															280	18			320	13		
4000															240	19			280	10		
5000																			270	18		
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	
Height m.	DIR.	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	33	360	2	160	3																
600	330	9	290	25	350	3	150	3															150	19
1000	340	20	300	26	290	2	160	2											40	17				
1500	320	16	350	10	270	9	300	16											210	23				
2000	310	26	310	36			290	22											230	7				
3000	310	30																	350	12				
4000	270	30																						
5000																								
6000																								
7000																								
8000																								

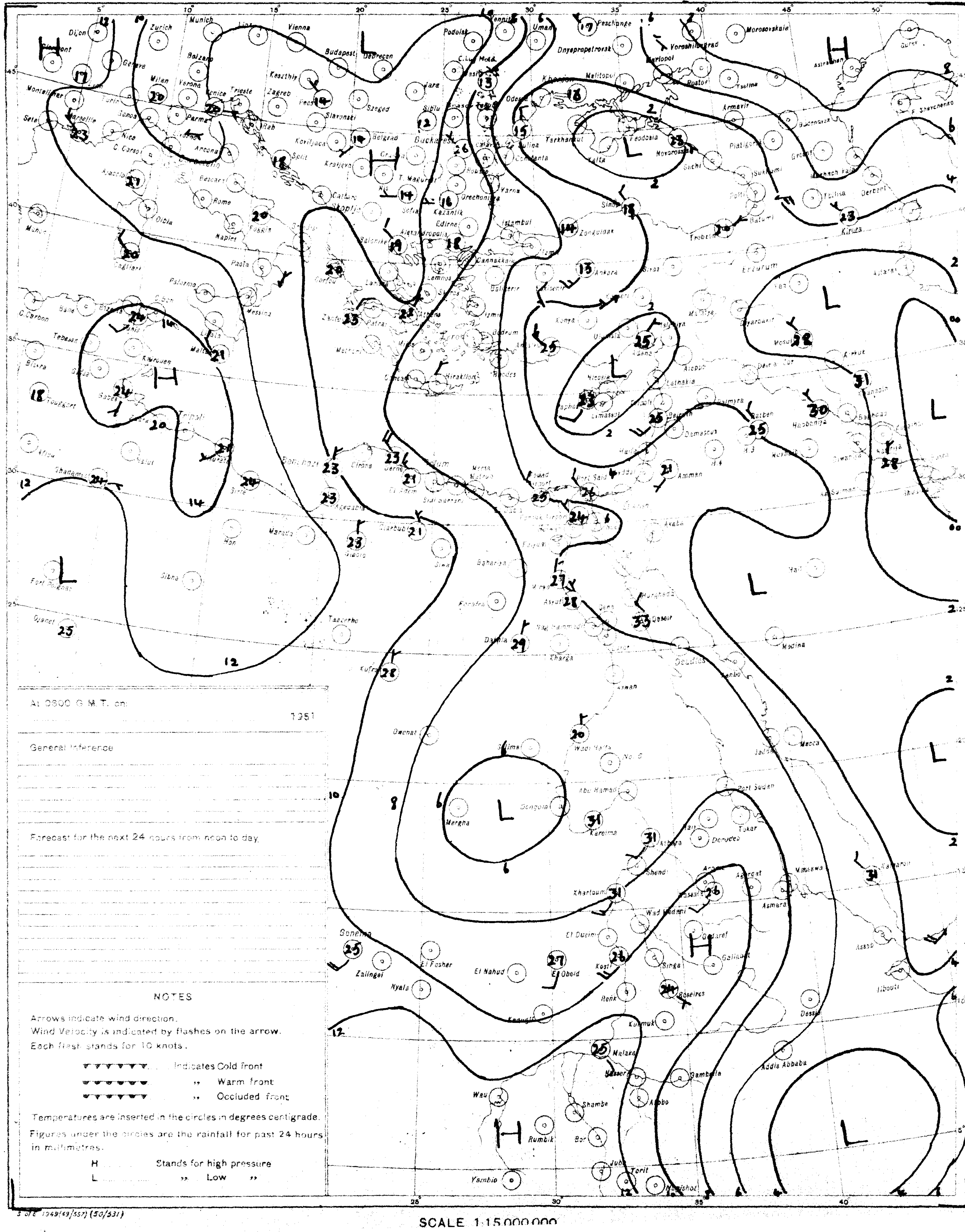
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 26-6-1952



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 but 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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 56 G.M.T.

" " Sunset 17 00 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Friday 27th June, 1952

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	Rain past 12 hrs mms
Mediterranean	62300	SALÛM	360	9	35	00	0	0	—	7.6	28	52	17	
	303	SÎDI BARÂNI	320	12	18	02	0	1	Sc, Cu	7.5	26	66	19	
	306	MATRÛH	330	12	18	03	2	5	Cu, Sc	8.0	26	68	19	
	309	EL DABA	320	4	35	00	0	0	—		25	61	17	
		ALEXANDRIA	360	16	50	00	0	0	—	7.2	27	55	17	
	318	FOUAD (Airport)	340	14	18	02	0	0	—	6.9	27	55	17	
	330	DAMIETTA	320	5	35	00	0	0	—	6.4	27	55	17	
	333	PORT SAÏD												
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR	40	9	15	02	1	1	Cu	6.8	29	59	20	
	342	MANSURA	360	5	35	00	1	0	—	5.4	33	30	13	
	348	TANTA	00	0	50	02	0	0	—	5.1	33	34	15	
	354	ZAGAZIG	00	0	50	02	0	0	—	5.5	32	43	18	
	441	ISMAÏLIA	320	2	35	03	1	2	Ac	4.7	33	34	15	
Cairo Area	366	FAROUK (Airport)	290	13	30	00	0	0	—	5.0	31	38	15	
	372	ALMÂZA	270	6	30	00	0	0	—	5.4	31			
		EZBEKÎYA	50	7	30	00	1	0	—	4.9	32	29	12	
		GÎZA	50	7	30	00	1	0	—	5.1	34	27	12	
	378	HELWÂN												
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	5.3	33	34	15	
	387	MINYA	300	12	12	00	0	0	—	5.5	38	24	14	
	393	ASYÛT MANGABAD	340	6	30	00	0	0	—	5.3	37			
	399	NAG' HAMMADI	00	0	35	00	0	0	—		37	27	15	
	402	QENA	00	0	50	00	0	0	—	4.3	40	23	15	
	405	LUXOR												
	414	ASWÂN	270	2	50	00	0	0	—	3.9	41	17	11	
Oases	417	SÎWA	280	12	14	00	0	0	—	9.0	32	24	9	
	420	BAHARÎYA	320	2	35	02	0	0	—	6.0	34	32	15	
	423	FARAFRA	340	5	35	02	0	0	—	6.6	36	17	7	
	432	DAKHLA	320	11	35	00	0	0	—	5.8	40	12	6	
	435	KHARGA	00	0	35	00	0	0	—	4.8	40	19	12	
Red Sea	450	SUEZ	40	4	50	03	0	1	Cu	3.4	33	34	15	
	459	TOR	270	5	50	02	0	0	—	3.4	32	59	23	
	462	HURGHADA	10	9	30	02	0	0	—	2.9	31	52	20	
	465	QUSEIR	90	9	15	02	0	0	—		30	79	26	
	641	PORT SUDAN												
Northern Sudan	600	WÂDI HALFA												
	640	ABU HAMAD	230	3	30	02	0	1	Ci		39	10	2	
	660	KAREIMA	310	3	30	03	1	4	Ci	3.9	40	8	0	
	680	ATBARA	290	7	30	02	2	6	Cs	2.4	41	15	9	
	721	KHARTUM	180	8	30	03	1	8	Cu, Ci	4.4	38	22	13	
	730	KASSALA												
Central Sudan	751	WÂD MEDANI	230	9	35	02	2	8	Cu	4.9	36	31	16	
	801	RENK	230	13	35	02	2	7	Cu		33	41	18	
	802	ROSEIRES												
	771	EL OBEID	230	8	30	03	1	5	Ac, Ci	5.5	34	34	16	
	760	EL FASHER	150	1	30	03	2	6	Cu		36	22	11	
	770	GENEINA	220	7	30	03	1	3	Cu		33	34	15	
S. Sudan	840	MALAKÂL	230	6	30	03	2	6	Cu, Ac	8.9	31	49	19	
	880	WAU	290	10	30	03	2	7	Sc, Ac	9.0	29	66	22	
	941	JUBA												

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
SALÛM											
SÎDI BARÂNI											
MATRÛH	300	8	14	03	1	3	Sc, Cu	8.9	24	74	19
EL DABA	00	0	7	00	0	0	—		25	61	17
ALEXANDRIA	360	11	35	01	2	4	Ac	8.8	23	65	16
FOUAD (Airport)	360	5	12	03	0	4	Ac	8.7	23	65	16
DAMIETTA	320	5	7	02	0	0	—	8.6	24	74	19
PORT SAÏD	350	19	15	02	0	0	—		25	70	19
EL 'ARISH											
DAMANHUR	360	9	15	02	0	0	—	8.0	25	74	20
MANSURA	320	9		00	0	0	—	8.2	25	61	17
TANTA											
ZAGAZIG	00	0	35	02	0	0	—	8.1	26	62	18
ISMAÏLIA	360	5	35	01	0	0	—	7.4	26	55	16
FAROUK (Airport)	360	16	12	00	1	0	—	7.5	28	42	14
ALMÂZA	20	11	12	00	0	0	—	7.2	29	40	14
EZBEKÎYA	30	5	12	00	0	0	—	7.8	27	42	13
GÎZA	30	5	12	00	0	0	—	8.2?	28	45	15
HELWÂN											
FAIYÛM	00	0	35	02	0	0	—	6.6?	30	35	13
MINYA	00	0	8	00	0	0	—	5.7	28	31	9
ASYÛT MANGABAD	00	0	16	00	0	0	—		32	26	10
NAG' HAMMADI	00	0	15	00	0	0	—	6.0	30	59	21
QENA	00	0	7	00	0	0	—	5.3	31	43	17
LUXOR											
ASWÂN	00	0	15	00	0	0	—	4.4	36	22	11
SÎWA											
BAHARÎYA	320	2	15	02	0	0	—	7.8	29	46	16
FARAFRA	320	5	15	02	0	0	—	7.8	29	46	16
DAKHLA	340	11	35	00	0	0	—	5.9	34	18	6
KHARGA	00	0	15	00	0	0	—	6.4	34	29	13
SUEZ	360	6	15	01	0	0	—	6.4	27	52	16
TOR	360	13	50	02	0	0	—	5.6	34	41	19
HURGHADA											
QUSEIR	120	2	15	02	0	0	—	5.9	29	66	22
PORT SUDAN											
WÂDI HALFA											
ABU HAMAD											
KAREIMA											
ATBARA											
KHARTUM											
KASSALA											
WÂD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
MALAKÂL											
WAU											
JUBA											

At 0600 on Friday 27th June, 1952

Station	Wind 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 °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																			
SÎDI BARÂNI																			
MATRÛH											28								
EL DABA	00	0	15	02	1	4	Cu			27	27		18		55	17	0	214	
ALEXANDRIA	00	0	50	01	1	3	Cu	11.0	-0.3	25	28	-1	22	0	54	15	0	166	186
FOUAD (Airport)											28	-1							138
DAMIETTA	340	5	15	00	0	0	—	11.2	+1.0	25	28	-1	19	-2	61	17	0	171	106
PORT SAÏD											28	-1							
EL 'ARISH																			
DAMANHUR	360	5	15	02	0	0	—	11.2	+0.7	25	30	-2	19	0	70	19	0	87	101
MANSURA	40	5	35	00	0	0	—	10.4	-0.2	26	33	-2	20	+1	55	16	0	62	53
TANTA																			44
ZAGAZIG	00	0	35	02	0	0	—	10.5	-0.2	27	34	-1	22	+3	55	17	0	30	27
ISMAÏLIA	360	2	35	03	1	5	Cu	10.3		26	34		20		62	18	0		
FAROUK (Airport)											33								
ALMÂZA											34	-1							
EZBEKÎYA	00	0	12	00	0	0	—	9.9	-0.9	25	33	-2	20	-1	61	17	0	61	26
GÎZA	00	0	12	00	0	0	—	9.3	-1.5	25	34	-1	19	+1	70	19	0	58	27
HELWÂN																			29
FAIYÛM	360	6	35	02	0	0	—	9.9	-0.5	26	35	-1	21	+1	55	16	0	23	8
MINYA	350	2	10	00	0	0	—	8.5	-2.4	29	38	+1	19	0	46	16	0	5	
ASYÛT MANGABAD	280	3	12	00	0	0	—	9.1	-0.3	27	37	0	21	-1	45	14	0	3	
NAG' HAMMADI	00	0	15	00	0	0	—	9.1	+0.9	28	38	0	21	+1	52	17	0	0.1	
QENA	00	0	35	00	0	0	—	8.7	+1.1	30	40	-1	23	-1	40	15	0	2	
LUXOR																			
ASWÂN	340	4	50	00	0	0	—	7.4	-0.5	32	42	0	26	0	24	9	0	dr.	
SÎWA	350	6	14	00	0	0	—	13.2	+0.2	23			20	0	74	18	0	26	8
BAHARÎYA	360	2	15	02	0	0	—	10.3	-0.8	26	36	0	20	+1	55	16	0	1	7
FARAFRA	00	0	35	02	0	0	—			27	37		20		42	13	0	Rain	
DAKHLA	340	9	50	00	0	0	—	10.2	0.0	28	40	+1	23	0	33	10	0	dr.	
KHARGA	00	0	15	00	0	0	—	9.4	+0.8	30	41	+2	24	+1	35	13	0	dr.	
SUEZ	360	3	35	00	0	0	—	9.4	-0.3	26	36	0	20	-2	62	18	0	44	17
TOR	290	9	35	02	0	0	—	8.1	+0.8	27			23	-1	79	23	0	1	13
HURGHADA																			
QUSEIR	360	9	15	02	0	0	—	9.1	+1.8	30	35	+2	25	+1	46	17	0	dr.	4
PORT SUDAN	90	3	30	03	2	8	Cs	6.1		33	38		24		38	17	0		97
WÂDI HALFA	00	0	30	02	0	1	Cs	8.1		30	42		25		19	4	0		
ABU HAMAD	00	0	30	02	2	7	Cs			31	41		25		29	11	0		
KAREIMA	190	2	30	02	1	4	Cs	7.2		30	41		23		25	8	0		2
ATBARA	250	12	10	07	2	7	Cs	7.1		31	41		26		43	17	0		8
KHARTUM	230	15	30	03	3	6	Cs	9.3		30	40		27		55	20	dr.		15
KASSALA	180	11	30	03	1	7	Cs	10.7		28	35		25				0		49
WÂD MEDANI																			55
RENK																			159
ROSEIRES																			225
EL OBEID																			68
EL FASHER	00	0	30	02	0	3	Ac, Ci			25	38		21		61	17	0		31
GENEINA																			72
MALAKÂL																			313
WAU																			517
JUBA																			593

HUMIDITY

Mean of day

Station	On 26th	Diff. from normal
Alexandria	68	-5
Ezbekiya	53	-3
Giza	53	-2
Helwan		

GIZA

GRASS MINIMUM TEMP. ON 27th 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	At Pressure 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 14 Dir.	Vel.	S. Barani 14 Dir.	Vel.	P. Said 14 Dir.	Vel.	Minya 14 Dir.	Vel.	Dakhla 14 Dir.	Vel.	Siwa 14 Dir.	Vel.	Kharga 14 Dir.	Vel.	Hurghada 14 Dir.	Vel.	Minya 20 Dir.	Vel.
300	330	14	320	17	330	13	300	17	350	10	300	19	300	6	90	4	350	10
600	310	12	310	19	340	11	300	11	340	11	310	15			60	8	350	10
1000	290	13	310	14	330	10	300	10	340	11	310	16	300	15	70	10	350	6
1500	260	18			290	16	300	13			320	17			110	4	360	12
2000					270	11					330	30						
3000					230	14					310	20						
4000											280	23						
5000											290	25						
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 27th

Height m.	Sidi Barani 8 Dir.	Vel.	Matruh 8 Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said 2 Dir.	Vel.	El 'Arish Dir.	Vel.	Helwan Dir.	Vel.	Minya 8 Dir.	Vel.	Asyut Mangabad 8 Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Khartum Dir.	Vel.
300	320	10	330	4			340	9					350	9	330	4						
600	320	14	320	5			340	9					350	11	350	11						
1000	330	15	330	4			320	2					360	11	350	10						
1500	300	9	310	8			270	9					10	7	10	16						
2000	320	14	310	15									300	3	330	10						
3000	300	17													250	20						
4000															260	19						
5000																						
6000																						
7000																						
8000																						

Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla 8 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.
300					300	20																		
600					310	20																		
1000					310	15																		
1500					310	13																		
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.

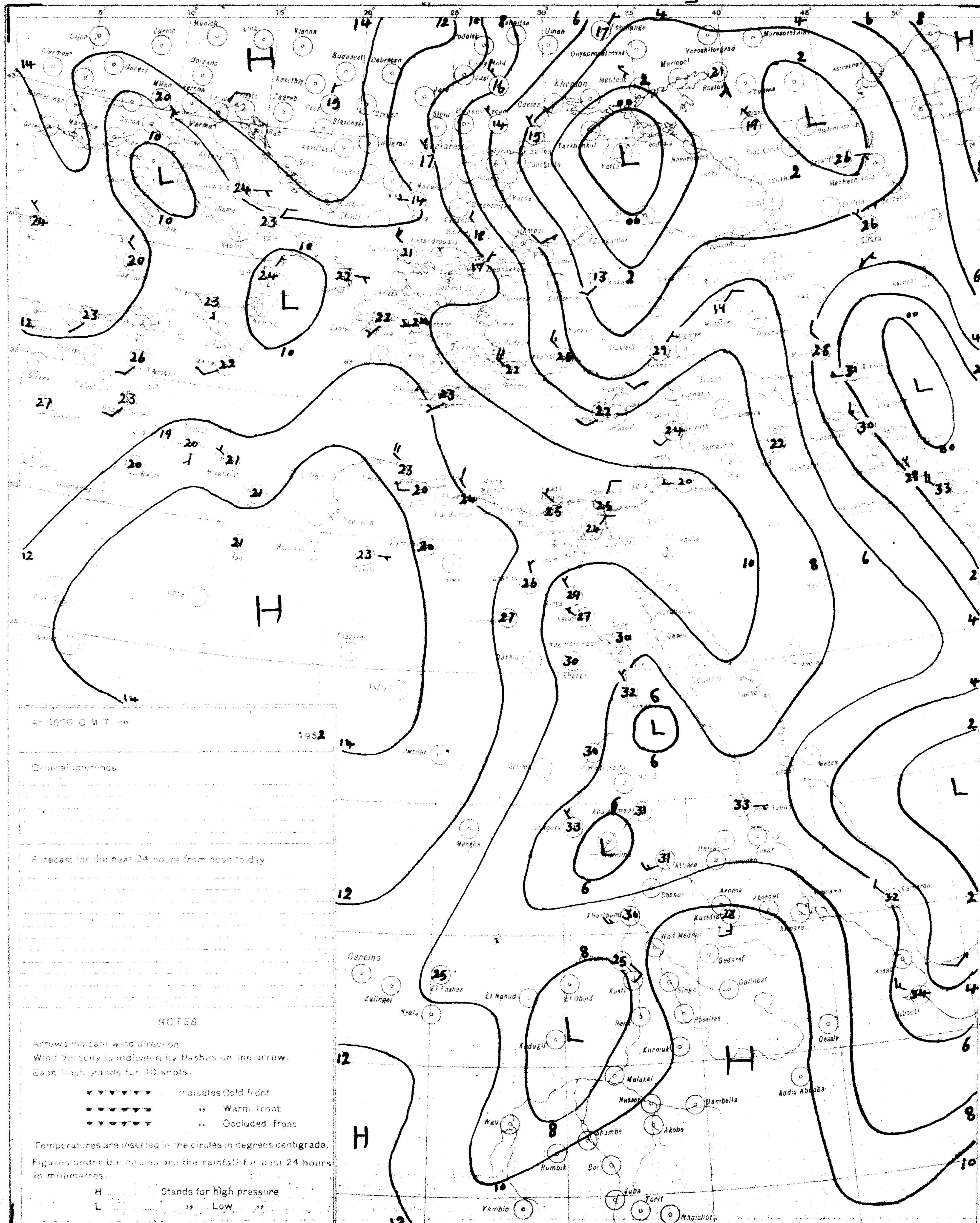
Note: All times are G.M.T.

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 Friday 27-6. 1952



At 0600 G.M.T. on 1952

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)

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
	[illegible] raised by wind	07
	Dust devils	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	11
[illegible]		13
[illegible]		16
[illegible]		17
	Squalls	18
During past hour [illegible]	Drizzle	20
	Rain	21
	[illegible]	25
	[illegible]	27
	Fog	28
	[illegible]	29
Duststorm or sandstorm		31
[illegible]		45
Drizzle		50
Rain		60
Showers of rain		80
[illegible]		87
Rain [illegible] Thunderstorm during		91
Hail [illegible] past hour		93
Thunderstorm with rain		95
[illegible] hail		96
[illegible] 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 (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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Saturday 28th June, 1952

At 1200 on Friday 27th / At 1800 on Friday 27th

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	SALŪM	20	4	35	00	0	0	—	12.0	26	55	16	360	9	15	00	0	0	—	12.7	24	69	18	0
	303	SĪDI BARĀNI	330	7	30	02	0	1	Cu	12.3	26	58	17	330	11	18	00	0	0	—	13.0	23	74	18	0
	306	MATRŪH												360	8	11	02	0	0	—	13.4	23	65	16	0
	309	EL DABʻA	200	3	35	00	0	0	—		27	42	13	20	2	7	00	0	0	—		23	61	15	0
		ALEXANDRIA												40	11	35	00	0	0	—	13.1	23	65	16	0
	318	FOUAD (Airport)	340	12	18	01	1	0	—	12.0	26	55	16												
	330	DAMIETTA												320	5	7	00	0	0	—	12.4	23	61	15	0
	333	PORT SAʻĪD	10	12	18	02	0	0	—	10.5	26	62	18	10	15	14	02	0	0	—	11.1	24	65	17	0
	336	EL ʻARISH																							
Lower Egypt	339	DAMANHŪR												360	9	15	02	0	0	—	12.6	25	74	20	0
	342	MANSŪRA	40	5	35	02	1	3	Cu	11.4	30	40	15	360	5		00	1	0	—	12.7	24	54	14	0
	348	TANTA	00	0	35	02	0	0	—	10.2	32	38	16	00	0	35	02	0	0	—	12.4	23	50	12	0
	354	ZAGAZIG												00	0	35	02	0	0	—	12.6	24	69	18	0
	441	ISMAʻĪLIA												20	5	35	01	0	0	—		24	61	16	0
Cairo Area	366	FAROUK (Airport)	340	10	18	01	0	0	—	9.5	30	35	13												
	372	ALMĀZA	20	10	30	02	1	1	Sc	9.9	30	33	12												
		EZBEKĪYA	360	4	30	00	0	0	—	10.1	32	29	12	50	8	12	00	0	0	—	11.0	26	48	14	0
		GĪZA	360	4	30	00	0	0	—	9.7	31	31	12	50	8	12	00	0	0	—	11.0	27	42	13	0
	378	HELWĀN																							
Upper Egypt	381	FAIYŪM	360	6	35	02	0	0	—	9.4	32	28	11	00	0	35	02	0	0	—		29	35	12	0
	387	MINYA	360	7	10	00	0	0	—	8.4	34	23	10	360	3	8	00	0	0	—	8.2	28	37	12	0
	393	ASYŪT MANQABĀD												300	2	12	00	0	0	—	8.7	30	27	9	0
	399	NAGʻ HAMMĀDI												00	0	15	00	0	0	—	7.2	28	58	19	0
	402	QENA												00	0	7	00	0	0	—	7.4	32	28	11	0
	405	LUXOR																							
	414	ASWĀN												360	5	15	00	0	0	—	6.0	36	17	7	0
Oases	417	SĪWA												360	4	10	00	0	0	—	12.3	31	49	19	0
	420	BAHARĪYA												00	0	15	02	0	0	—		29	59	20	0
	423	FARAFRA												360	3	15	02	0	0	—	10.8	29	46	16	0
	432	DAKHLA												340	4	35	00	0	0	—	9.0	32	24	9	0
	435	KHARGA												00	0	15	00	0	0	—	9.6	33	21	8	0
Red Sea	450	SUEZ	360	7	50	02	0	0	—	8.8	30	40	15	360	3	15	02	0	0	—	11.0	24	61	16	0
	459	TŌR	310	13	50	02	0	0	—	6.8	33	50	21	310	9	35	02	0	0	—	7.0	27	79	23	0
	462	HURGHADA																							
	465	QUSEIR												40	2	15	02	0	0	—	6.7	28	62	20	0
	641	PORT SŪDĀN	90	16	30	01	0	5	AcCi	3.7	35	59	26												
North Sūdān	600	WĀDI HALFA	270	5	30	02	0	1	Cs	4.7	41	8	1												
	640	ABU HAMAD	50	3	30	02	2	8	Cs		42	9	3												
	560	KAREIMA	270	2	30	03	1	4	Cs	3.9	41	13	7												
	680	ʻATBARA	320	4	30	02	2	8	Cs	3.1	41	14	8												
	721	KHARTŪM	140	5	30	03	2	8	Cu, Ci	4.4	39	21	13												
	730	KASSALA	140	5	30	01	2	7	Cu, Ac	5.8	35	37	18												
Central Sūdān	751	WĀD MEDANI																							
	801	RENK	180	13	15	02	2	7	Cu		33	47	20												
	802	ROSEIRES																							
	771	EL OBEID	200	15	30	17	2	6	Cu, Ac	5.7	35	32	16												
	760	EL FASHER	280	1	30	02	2	6			36	22	11												
	770	GENEINA	40	3	30	03	1	5	Cu, Ac		33	28	12												
S. Sūdān	840	MALAKĀL	280	6	30	17	2	8	Cb, Ac	10.1	30	59	21												
	880	WĀU	160	1				7	Ac	11.1	26	79	22												
	941	JUBA																							

At 0600 on Saturday 28th June, 1952

Station	Wind 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
SALŪM	340	5	15	00	0	0	—	14.3	+2.9	25	30	-1	19	-1	70	19	0	Rain	
SĪDI BARĀNI	330	6	18	02	1	3	Sc	14.9		24	28		18		74	19	0	115	
MATRŪH											27								
EL DABʻA	00	0	15	01	1	3	Cu			25	28		17		61	19	0	214	
ALEXANDRIA	360	8	50	03	1	4	Ac				28	-1	22	0			0	166	186
FOUAD (Airport)	340	3	18	03	0	2	Sc	14.6	+3.8	25			19	-2	70	19	0	Rain	138
DAMIETTA	340	2	7	03	1	2	Cu	14.8	+4.7	24	26	-3	21	0	74	19	0	171	106
PORT SAʻĪD											26	-3							
EL ʻARISH	360	2	30	03	1	3	Cu	13.5	+3.5	25			20		54	15	0		
DAMANHŪR	130	5	15	02	0	0	—	13.9	+3.5	25	30	-2	20	+1	74	20	0	87	101
MANSŪRA	20	5	35	00	0	0	—	14.6	+4.1	26	31	-4	18	-2	62	18	0	62	55
TANTA	00	0	35	02	0	0	—	14.4	+3.8	25	32	-3	16	-2	61	17	0	65	44
ZAGAZIG	00	0	35	02	0	0	—	14.3	+3.7	25	32	-3	17	-2	70	19	0	30	27
ISMAʻĪLIA	20	2	35	03	1	2	Cu	14.0		25	33		19		54	15	0		
FAROUK (Airport)	70	16	12	03	0	1	Cu	13.8		24			19		69	18	0	83	
ALMĀZA	40	19	12	03	0	3	Cu			24			19	-2	61	16	0	71	
EZBEKĪYA	90	5	12	00	0	0	—	14.0	+3.3	24	33	-3	19	-2	57	15	0	61	26
GĪZA	90	5	12	00	0	0	—	14.6	+3.8	25	33	-2	20	+2	54	15	0	58	27
HELWĀN																			29
FAIYŪM	360	6	35	02	0	0	—	13.8	+3.5	25	34	-2	20	0	47	13	0	23	8
MINYA	360	7	8	00	0	0	—	12.1	+1.3	24	34	-3	20	+1	54	14	0	5	
ASYŪT MANQABĀD	320	4	14	00	0	0	—	12.3	+2.9	25	36	-1	22	0	58	16	0	3	
NAGʻ HAMMĀDI	00	0	15	00	0	0	—	11.4	+3.2	27	38	0	21	+1	55	17	0	0.1	
QENA	00	0	35	00	0	0	—			30	40	-1	23	-1	46	17	0	2	
LUXOR																			
ASWĀN	340	5	50	00	0	0	—	9.9	+2.1	31	41	-1	27	+1	31	12	0	dr.	
SĪWA	100	2	14	00	0	0	—	15.1	+2.2	25	34	-4	20	0	70	19	0	26	8
BAHARĪYA	40	4	35	02	0	0	—	14.4	+3.3	26	34	-2	21	+2	48	14	0	1	7
FARAFRA	40	2	15	02	0	0	—	13.6		26	35		20		62	18	0	Rain	
DAKHLA	160	4	50	00	0	0	—	12.4	+2.3	29	36	-3	24	+1	40	14	0	dr.	
KHARGA	360	3	15	00	0	0	—	11.6	+3.1	28	38	-1	24	+1	33	10	0	dr.	
SUEZ	360	4	35	00	0	0	—	12.2	+2.6	25	33	-3	18	-4	54	15	0	44	17
TŌR	310	13	35	02	0	0	—	10.0	+2.6	26			24	0	70	20	0	1	13
HURGHADA																			
QUSEIR	360	13	15	02	0	0	—			27	31	-2	25	-1	70	21	0	dr.	4
PORT SŪDĀN	270	5	10	05	2	2	Ci	6.8		27	37		25		48	15	0	-	97
WĀDI HALFA	20	10	30	02	0	0	—	8.5		29	43		25		20	4	0		
ABU HAMAD	360	9	30	03	1	2	Cs			34	42		27		14	3	0		
KAREIMA	50	14	30	03	0	4	Cs	7.4		34	42		27		22	9	0		2
ʻATBARA	240	16	10	05	0	1	Ci			31	42		27		46	18	0		8
KHARTŪM	200	16	30	03	1	4	Ci	9.5		31	40		27		52	20	0		15
KASSALA	220	9	30	01	2	2	Ac	11.2		28	37		25		58	19	0		50
WĀD MEDANI																			56
RENK																			162
ROSEIRES																			229
EL OBEID	220	14	30	01	1	3	Ac	10.8		27	36		24		58	18	dr.		69
EL FASHER																			32
GENEINA																			74
MALAKĀL	140	6	30	03	6	8	As	14.8		23	31		21		89	21	dr.		318
WĀU																			523
JUBA	00	0	12	10	5	8	St	15.0		22			21		94	21	6		597

HUMIDITY
Mean of day

Station	On 27th	Diff. from normal
Alexandria	61	-12
Ezbekiya	54	-2
Giza	53	-3
Helwān		

GĪZA
GRASS MINIMUM TEMP.
ON 28th 19.0 °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.
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		S. Barani						Minya		Fouad A.P.	
Time	14		14		14		14		14		14		14		14		14						20	45	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	19	340	15	360	4	320	16	340	14	320	14	10	12	20	6	340	23					20	26	330	11
600	340	9	340	16	10	5	320	22	340	22	320	12	10	17	40	9	330	17					20	28	330	10
1000	280	5	320	9	10	7	330	16	340	17	320	14	10	19	30	11	310	7					10	25	340	10
1500	250	15	240	19	10	7	340	15	340	22	330	15	10	14	350	20	350	7					360	22		
2000	300	14	240	16	360	5	340	8	340	21							350	21								
3000	320	21					260	9	350	27							330	17								
4000	300	24							350	23																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Saʻīd		El ʻArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada	
Time	8		4				2		6				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.
300	320	6	60	3			350	7	10	10			20	16	340	27			360	18		
600	20	7	10	6			360	9	360	9			10	20	330	13			350	18		
1000	360	6	20	7			360	9	350	9			10	19	10	7			350	18		
1500	300	7	350	9			10	9	10	13			360	17	340	16			310	3		
2000	330	17	350	16			20	12	350	12					310	10			330	11		
3000	300	16	320	19					250	12												
4000	320	16							240	11												
5000	330	18																				
6000																						
7000																						
8000																						

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fasher		Malakāl	
Time	8		8		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	110	7	50	29	360	8	10	18																
600	110	7	50	36	350	7	10	19							200	28							140	15
1000	100	10	40	32	350	6	10	20							220	29			220	5			170	15
1500	20	21	40	23	360	6	360	19							240	19			210	9			210	6
2000	360	22													310	9			30	7				
3000	360	17													10	13			150	7			260	4
4000	340	16																	120	7				
5000	360	22													80	13								
6000	340	15													90	16								
7000	340	14																						
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.

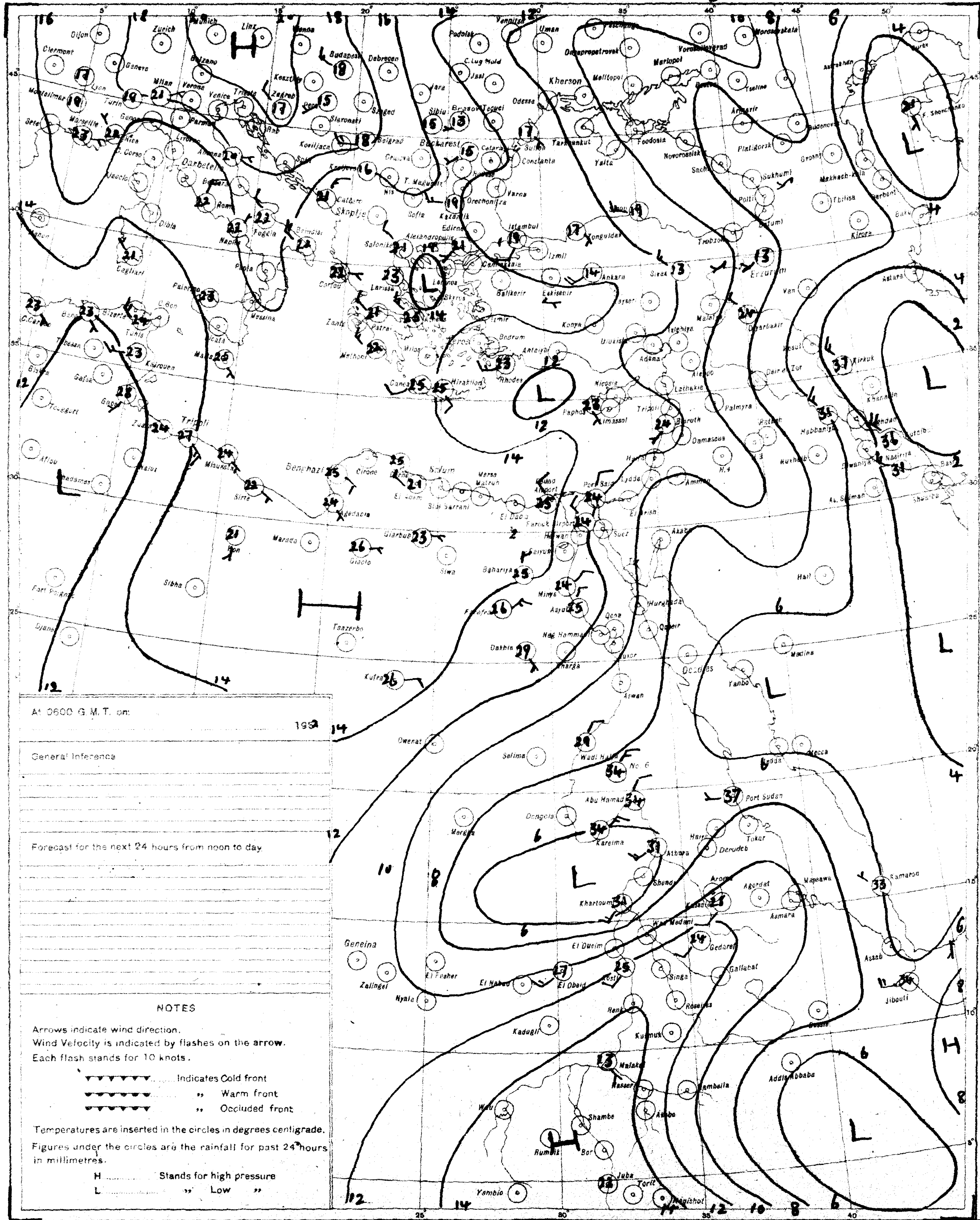
Printed by the Survey of Egypt 1949 (49/557).(50/531)

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 28-6-1952



At 0600 G.M.T. on 1952

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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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, — WEATHER SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Sunday 29th June, 1952

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	SALÛM	20	9	35	00	0	0	—	15.1	27	62	19
	303	SÎDI BARÂNI	340	9	30	00	0	0	—	15.6	26	70	20
	306	MATRÛH	360	10	18	02	0	0	—	15.9	26	66	19
	309	EL DABʻA	360	10	35	00	0	0	—		27	62	19
		ALEXANDRIA	40	13	50	00	0	0	—	15.1	26	70	20
	318	FOUAD (Airport)	330	12	18	01	0	1	Sc	14.9	26	66	19
	330	DAMIETTA	40	2	35	01	0	0	—	14.4	27	52	16
	333	PORT SAʻÎD											
	336	EL ʻARISH											
LOWER EGYPT	339	DAMANHUR	40	9	15	02	1	1	Cu	14.0	30	46	17
	342	MANṢURA	360	9	35	00	0	0	—	13.8	31	31	12
	348	ṬANṬA	270	2	35	02	0	0	—	13.6	31	33	13
	354	ZAGAZIG	320	1	50	02	0	0	—	13.1	32	43	18
	441	ISMAʻILIA	360	2	35	01	1	1	Cu	12.8	31	31	12
CAIRO AREA	366	FAROUK (Airport)	50	17	30	00	0	0	—	12.7	31	33	13
	372	ALMÂZA	40	11	30	00	0	0	—	12.6	31	31	12
		EZBEKÎYA	80	6	30	00	0	0	—	12.3	31	33	13
		GÎZA	80	6	30	00	0	0	—	12.3	32	28	11
	378	HELWÂN											
UPPER EGYPT	381	FAIYÛM	360	8	35	02	0	0	—	13.1	32	24	9
	387	MINYA	350	10	12	00	0	0	—	11.7	33	24	10
	393	ASYÛT MANQABÂD	320	10	30	00	0	0	—	10.3	33	21	8
	399	NAGʻ HAMMÂDI	00	0	35	00	0	0	—	9.0	35	37	18
	402	QENA	270	1	50	00	0	0	—	8.3	40	19	12
	405	LUXOR											
	414	ASWÂN											
OASES	417	SÎWA	30	3	14	00	0	0	—	15.1	33	47	20
	420	BAHARÎYA	360	2	35	02	0	0	—	12.7	33	34	15
	423	FARAFRA	360	2	35	02	0	0	—	13.1	34	47	21
	432	DAKHLA	360	5		00	0	0	—	11.4	35	32	16
	435	KHARGA	340	4	15	00	0	0	—	9.9	36	20	10
RED SEA	450	SUEZ	360	8	50	02	0	0	—	11.8	30	35	13
	459	ṬÔR	290	24	35	02	0	0	—	8.4	28	70	22
	462	HURGHÂDA											
	465	QUSEIR	20	13	15	02	0	0	—	9.5	29	79	25
	641	PORT SÛDÂN	50	12	10	05	0	5	Cu Ci	6.7	33	70	27
NORTH SÛDÂN	600	WÂDI HALFA	20	2	30	01	0	0	—	6.6	39	13	6
	640	ABU HAMAD	20	3	30	02	0	1	Ci		42	9	3
	660	KAREIMA	20	3	30	01	1	1	Ci	4.4	42	11	5
	680	ʻATBARA	360	4	30	02	0	4	Ci	3.6	41	17	11
	721	KHARTÛM	270	11	30	02	2	7	Cu Ci	5.0	40	28	18
	780	KASSALA	220	4	30	03	1	5	Cu	5.8	36	31	16
CENTRAL SÛDÂN	751	WÂD MEDANI	240	9	35	02	1	5	Cu	4.5	37	27	15
	801	RENK											
	802	ROSEIRES											
	771	EL OBEIḌ	210	10	30	17	0	3	Cb	7.2	35	37	18
	760	EL FÂSHER											
	770	GENEINA	10	4	30	03	0	5	Cb		35	23	11
S SÛDÂN	840	MALAKÂL	180	7	30	03	6	7	Cu, Ac	10.8	30	55	20
	880	WÂU	160	4	30	01	2	6	Cb, Ac	10.0	31	49	19
	941	JUBA	00	0	30	01	2	8	Ac Ci	12.2	25	84	22

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.
SALÛM	70	5	15	00	0	0	—	15.2	24	84	21	0
SÎDI BARÂNI												
MATRÛH	320	3	14	02	1	0	—	15.4	23	84	20	0
EL DABʻA	320	2	7	00	0	0	—		23	74	18	0
ALEXANDRIA	360	8	35	00	0	0	—	14.8	24	74	19	0
FOUAD (Airport)	340	3	12	02	0	0	—	14.7	23	84	20	0
DAMIETTA	320	2	7	02	0	0	—	13.5	24	74	19	0
PORT SAʻÎD	360	15	14	02	0	1	Sc	12.6	24	74	19	0
EL ʻARISH												
DAMANHUR	40	5	15	02	0	0	—	13.8	26	70	20	0
MANṢURA												
ṬANṬA	310	2	35	01	1	3	Cu	13.9	24	54	14	0
ZAGAZIG	320	1	35	02	0	0	—	13.1	25	61	17	0
ISMAʻILIA	360	5	35	01	0	0	—	13.4	25	61	17	0
FAROUK (Airport)	20	17	12	00	0	0	—	13.2	26	51	15	0
ALMÂZA	70	16	12	00	0	0	—	12.6	27	37	11	0
EZBEKÎYA	50	6	12	00	0	0	—	12.8	27	35	10	0
GÎZA	50	6	12	00	0	0	—	13.3	27	37	11	0
HELWÂN												
FAIYÛM	360	6	35	02	0	0	—	13.4	28	27	7	0
MINYA	350	6	8	00	0	0	—	11.7	26	37	10	0
ASYÛT MANQABÂD	310	7	12	00	0	0	—	10.2	28	35	11	0
NAGʻ HAMMÂDI	00	0	15	00	0	0	—	9.4	27	52	16	0
QENA	00	0	7	00	0	0			32	28	11	0
LUXOR												
ASWÂN	360	4	15	00	0	0	—	7.4	36	20	10	0
SÎWA	300	3	10	00	0	0	—	14.8	32	52	21	0
BAHARÎYA	360	2	15	02	0	0	—	12.8	29	40	14	0
FARAFRA	360	2	15	02	0	0	—	13.1	29	46	16	0
DAKHLA	360	11	35	00	0	0	—	10.8	31	38	15	0
KHARGA	340	2	15	00	0	0	—	10.7	30	21	5	0
SUEZ	360	8	15	02	0	0	—	12.6	26	48	14	0
ṬÔR	310	9	35	02	0	0	—	8.4	28	62	20	0
HURGHÂDA	320	18	30	02	0	0	—	8.7	29	52	18	0
QUSEIR	360	9	15	02	0	0	—	8.6	28	70	22	0
PORT SÛDÂN	320	3	30	01	1	1	Ac Ci	7.0	31	70	25	0
WÂDI HALFA	340	13	30	02	0	0	—	7.2	34	13	2	0
ABU HAMAD	360	2	30	02	0	0	—		38	11	2	0
KAREIMA	310	7	30	02	0	1	Ci	1.7	37	16	7	0
ʻATBARA	360	2	30	01	2	2	Cs	4.2	36	19	9	0
KHARTÛM	280	1	30	01	1	4	Ac Ci	5.4	37	18	9	0
KASSALA	180	2	30	13	2	7	Cb, Ac	6.4	32	41	17	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEIḌ	150	3	30	13	2	7	Cb, Ac	7.8	28			0
EL FÂSHER	130	1	30	01	2	4	Ac		34	25	11	0
GENEINA	180	12	30	02	1	7	Ac		29			0
MALAKÂL	180	1	30	01	2	2	Cu, Ac	10.6	27	62	19	dr.
WÂU	00	0	30	02	2	6	Ac	10.6			22	0
JUBA	180	1	15	10	2	7	Ac, Cs	11.6	24	79	20	0

At 0600 on Sunday 29th June 1952

Wind 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	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
290	5	15	00	0	0	—	13.9	+2.5	25	28	-3	20	0	61	17	0	Rain		SALUM
300	7	18	03	0	1	Sc			24			19		79	20	0	115		SÎDI BARÂNI
270	10	30	02	1	1	Cu	13.7	+2.2	24	27		19		79	20	0	135		MATRÛH
290	9	15	01	1	2	Cu			25	28		19		70	19	0	214		EL DABʻA
310	11	50	03	1	7	Sc	13.1	+2.1	24	28	-1	22	0	74	19	0	166	186	ALEXANDRIA
320	7	18	03	1	7	Cu	12.7	+2.0	25	27	-2	22	+1	74	20	0	Rain	138	FOUAD (Airport)
340	2	15	03	0	1	Cu	13.3	+3.3	25	27	-2	19	-2	70	19	0	171	106	DAMIETTA
350	5	12	02	0	0	—	12.0	+1.8	25	27	-2	23	0	70	19	0	92		PORT SAʻÎD
280	3	30	03	1	3	Cu	11.4	+1.5	25			19		61	17	0	101		EL ʻARISH
40	5	15	02	1	1	Cu	12.7	+2.4	26	32	0	19	0	70	20	0	87	101	DAMANHÛR
360	5	35	00	0	0	—	13.0	+2.6	25			19	-1	70	19	0	62	55	MANṢÛRA
310	2	35	01	1	4	Cu	13.6	+3.1	24	32	-3	16	-3	74	19	0	65	44	ṬANṬA
00	0	35	02	0	0	—	12.9	+2.4	25	33	-2	17	-2	74	20	0	30	27	ZAGAZIG
320	2	35	01	0	0	—	12.6		26	31		18		62	18	0			ISMAʻÎLÎA
360	6	14	00	0	0	—	13.0		23	32		18		69	17	0	83		FAROÛK (Airport)
40	4	12	00	0	0	—	12.9	+1.8	23	32	-4	19	-2	74	18	0	71		ALMÂZA
20	3	12	00	0	0	—	13.0	+2.4	23	32	-4	19	-2	74	17	0	61	26	EZBEKÎYA
20	3	12	00	0	0	—	12.6	+1.9	25	32	-3	17	-1	61	17	0	58	27	GÎZA
																		29	HELWÂN
360	8	35	02	0	0	—	12.2	+2.0	26	33	-3	18	-2	55	16	0	23	8	FAIYÛM
350	9	10	00	0	0	—	11.4	+0.7	24	34	-3	17	-3	50	13	0	5		MINYA
310	4	14	00	0	0	—	11.5	+2.2	25	34	-3	19	-3	36	9	0	3		ASYÛṬ MANQABÂD
00	0	15	00	0	0	—	10.8	+2.7	25	36	-2	21	+1	54	15	0	0.1		NAGʻ HAMMÂDI
00	0	35	00	0	0	—	9.0	+1.5	27	41	0	23	-1	52	16	0	2		QENA
																			LUXOR
20	10	35	00	0	0	—	8.3	+0.6	29	41	-1	24	-2	35	12	0	dr.		ASWÂN
00	0	14	00	0	0	—	15.4	+2.5	28	36	-2	21	+1	45	15	0	26	8	SÎWA
360	2	35	02	0	0	—	13.5	+2.5	26	34	-2	19	-1	48	14	0	1	7	BAHARÎYA
										35									FARAFRA
340	15	50	00	0	0	—	13.3	+2.2	29	36	-3	24	+1	40	14	0	dr.		DAKHLA
360	4	15	00	0	0	—	11.8	+3.3	27	36	-3	23	0	27	6	0	dr.		KHARGA
310	3	35	00	0	0	—	11.9	+2.4	23	32	-4	18	-4	74	18	0	44	17	SUEZ
310	13	35	02	0	0	—	9.1	+1.9	26			24	0	74	21	0	1	13	ṬÔR
340	19	30	02	0	0	—	8.7	+1.5	26	29	-2	23	-1	51	15	0	Rain		HURGHADA
360	13	15	02	0	0	—	8.6	+1.4	27	30	-3	25	-1	55	17	0	dr.	4	QUSEIR
00	0	30	01	0	0	—	6.4		27	38		25		42	13	0		97	PORT SÛDÂN
360	17	30	03	1	5	Ci	9.2		29	41		23		25	7	0			WÂDI HALFA
20	10	30	03	0	2	Ac Ci			33	43		27		16	4	0			ABU HAMAD
20	16	30	02	0	1	Ci	7.3		33	42		27		21	8	0		2	KAREIMA
270	2	30	02	0	1	Cs	5.7		31	42		28		18	4	0		8	ʻATBARA
350	13	30	03	1	0	—	7.2		32	41		28		28	11	0		16	KHARTÛM
180	8	30	02	1	4	Cb	10.2		26	37		23		62	18	2		52	KASSALA
																		57	WÂD MEDANI
																		165	RENK
																		234	ROSEIRES
250	12	30	01	2	6	Ac Ci	9.7		28	35		26		58	19	dr.		70	EL OBEIḌ
00	0	30	01	2	8	Ac Cs			27	38		25		58	18	dr.		33	EL FÂSHER
250	8	30	03	0	1	Ac Cs			24	36		22		69	18	0		76	GENEINA
										32								323	MALAKÂL
										31								529	WÂU
180	6	8		2	8	Sc Cu	13.6		23	27		22		66	21	dr.		601	JUBA

HUMIDITY % Mean of day

Station	on 28th	Diff. from normal
Alexandria	72	-1
Ezbekiya	45	-12
Giza	45	-11
Helwân		

GÎZA
GRASS MINIMUM TEMP.
ON 29th 16.2 °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 ......
...... AIRPORT — On ...... At ......
...... AIRPORT — On ...... At ......

Pressure 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	Port Said		Kharga		S. Biwani		Port Said		Minya	
Time	14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	11	350	17	340	10	350	9	360	10
600	350	14	350	20	320	23	350	9	360	12
1000	360	14	350	18	310	19	360	9	350	13
1500	10	12	350	15	310	15	20	4	350	8
2000					310	16				
3000					310	20				
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 29th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada	
Time			4				2						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.
300			290	6			320	5					350	4	340	20			350	15		
600			320	17			340	9					350	4	60	22			330	9		
1000			320	16			360	14					340	7	360	23			330	7		
1500			320	17			340	11					10	7	350	30						
2000													330	4	350	30						
3000															340	3						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			8						3												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	16					10	18														
600			340	22					10	32													200	15
1000			340	17					360	11											240	3	210	14
1500			350	16					330	13											230	9	240	6
2000									350	9											220	10		
3000									310	3													110	3
4000									160	8													170	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.

Note: All times are G.M.T.

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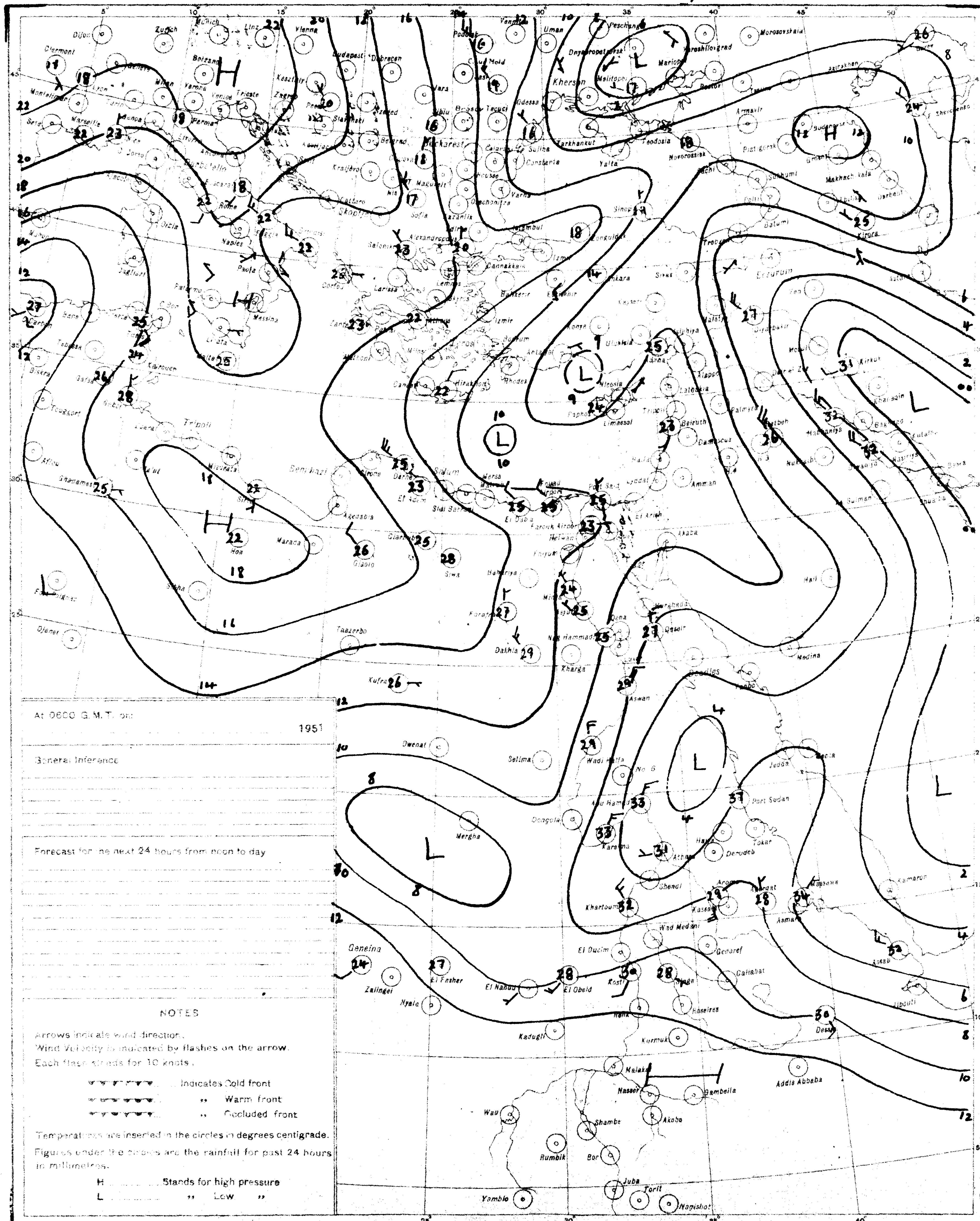
Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 29-6-1952



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 1549(45/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 57 G.M.T.
" " Sunset 17 00 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — WEATHER SECTION, — EGYPT. Form 7F

DAILY WEATHER REPORT

Date: Monday 30th June, 1952

At 1200 on Sunday 29th / At 1800 on Sunday 29th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in km	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 km	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	360	15	35	00	0	0	—	13.1	27	55	17												
	303	Sîdi Barâni	330	16	30	00	0	0	—	13.3	26	70	20	330	19	18	00	0	0	—	11.9	23	65	16	0
	306	Matrûh	320	16	30	02	0	0	—	13.1	27	62	19	320	20	14	03	1	3	Sc	11.7	23	65	16	0
	309	El Dab'a	320	17	35	00	0	0	—		27	55	17	320	12	7	01	1	2	Cu		24	69	18	0
		Alexandria	310	16	50	01	2	3	Ac	11.8	27	67	19	310	18	35	02	2	2	Cu	11.2	24	74	19	0
	318	Fouad (Airport)	310	15	18	01	1	0	—	11.6	26	70	20	300	13	12	02	0	0	—	10.8	24	74	19	0
	330	Damietta	360	5	35	00	0	0	—	11.6	27	62	19	320	2	7	02	0	1	Cu	11.1	24	84	21	0
	333	Port Sa'îd	20	9	30	02	0	1	Sc	9.5	27	62	19	350	11	14	03	0	1	Sc	8.9	24	84	21	0
	336	El 'Arish																							
Lower Egypt	339	Damanhûr	40	9	15	02	1	1	Cu	11.4	29	66	22	40	9	15	02	1	1	Cu	10.7	25	74	20	0
	342	Mansûra	360	5	35	00	0	2	—	10.8	31	43	17	20	3		00	0	0	—	10.4	26	62	18	0
	346	Tanta	00	0	35	01	1	3	Cu	11.0	31	43	17	00	0	35	02	1	0	—	11.1	24	61	16	0
	354	Zagazig	00	0	50	02	0	0	—	10.4	32	46	19	00	0	35	02	0	0	—	10.7	27	62	19	0
	441	Ismailia	360	2	35	01	0	0	—	9.9	33	30	13	360	2	35	02	0	0	—	9.6	26	62	18	0
Cairo Area	366	Farouk (Airport)	320	9	18	03	0	1	Cu	10.5	31	31	12	360	14	12	00	0	0	—	10.8	29	46	16	0
	372	Almaza	360	10	30	00	0	0	—	10.2	31	38	15	20	9	12	00	0	0	—	10.5	28	52	17	0
		Ezbekiya	360	2	18	02	1	1	Ci	10.1	31	33	13	360	2	12	00	0	0	—	9.6	28	45	15	0
		Gîza	360	2	18	02	1	1	Ci	10.1	32	34	14	360	2	12	00	0	0	—	10.2	28	45	15	0
	378	Helwân																							
Upper Egypt	381	Faiyûm	360	8	35	02	0	0	—	9.8	33	24	10	360	6	35	02	0	0	—	10.2?	29	35	12	0
	387	Minya	360	13	12	00	0	0	—	9.1	33	24	10	360	4	8	02	0	1	Ci	8.8	30	31	11	0
	393	Asyût Manqabâd	330	12	30	00	0	0	—	8.8	34	19	7	340	5	18	00	0	1	—	8.3	30	29	10	0
	399	Nag' Hammâdi	290	15	35	00	0	0	—	7.9	34	32	15	290	1	15	00	0	0	—	8.3	30	35	13	0
	402	Qena	00	0	50	00	0	0	—	6.4	39	21	13	00	0	7	00	0	0	—		35	19	8	0
	405	Luxor																							
	414	Aswân	20	2	50	00	0	0	—		38	24	14	00	0	50	00	0	0	—	5.0	35	19	8	0
Oases	417	Sîwa	270	6	14	00	0	0	—	14.3	35	25	12	20	10	10	00	0	0	—	12.0	32	38	16	0
	420	Baharîya	360	2	35	02	0	0	—	11.5	34	36	17	360	1	15	02	0	0	—	10.7	30	46	17	0
	423	Farafra	340	5	35	02	0	0	—	11.9	35	47	22	360	1	15	02	0	0	—	11.1	30	46	17	0
	432	Dakhla	340	19	15		0	0	—	10.0	34	41	19	340	5	35	00	0	0	—	9.1	31	28	10	0
	435	Kharga												360	2	15	00	0	0	—	9.9?	32	20	6	0
Red Sea	450	Suez	360	4	50	01	0	0	—	9.0	31			360	7	15	02	0	0	—	9.3	28	52	17	0
	459	Tôr	310	19	35	05	0	0	—	6.2	29	66	22	310	19	35	02	0	0	—	5.9?	30	66	23	0
	462	Hurghada	360	16	30	02	0	0	—	6.1	28	58	19												
	465	Quseir	20	9	15	02	0	0	—	7.2	29	66	22	360	9	15	02	0	0	—	6.4	28	62	20	0
	641	Port Sûdân	50	10	10	05	0	2	Ac	4.7	33	66	26												
North Sûdân	600	Wâdi Halfa	360	15	30	01	1	5	Cs	5.7	38	13	5												
	640	Abu Hamad	270	2	30	01	1	2	Ac, Ci		43	9	3												
	660	Kareima																							
	680	Atbara	290	2	30	03	2	6	Cu, As	2.7	41	13	7												
	721	Khartûm	360	4	30	03	0	3	Cb, Ac	3.9	41	13	7												
	730	Kassala	230	11	30	03	1	4	Cb	5.6	35	35	17												
Central Sûdân	751	Wad Medani																							
	801	Renk																							
	802	Roseires																							
	771	El Obeid	320	9	30	17		6	Cb, Ac	5.6	25	61	17												
	760	El Fasher	20	3	30	02	2	8					9												
	770	Geneina																							
S. Sûdân	340	Malakâl	180	7	30	03	2	7	Cu, Ac	8.8	32	43	18												
	880	Wâu	200	3	30		2	4	Cu	8.2	31	55	21												
	941	Juba	130	4	15	10	5	8	Cb, Ac	8.6	31	49	19												

At 0600 on Monday 30th June 1952

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	Diff. from normal mbs	Dry Bulb °C	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity	Dew Point	Rainfall Past 24 hrs	Rainfall Total from 1st	Rainfall Normal from 1st
Salûm																			
Sîdi Barâni	340	5	18	02	1	2	Cu	11.4		24	28		21		61	16	0	115	
Matrûh	330	10	18	01	1	2	Cu	11.4	0.0	25			22		58	16	0	135	
El Dab'a	320	5	15	00	0	0	—			25	28		20		61	17	0	214	
Alexandria	360	16	50	01	2	2	Cu	10.3	-0.6	24	28	-1	22	0	61	16	0	166	186
Fouad (Airport)	340	8	18	02	0	0	—	10.0	-0.5	25	28	-1	21	-1	61	17	0	Rain	138
Damietta	320	5	7	03	1	4	Cu	10.3	+0.4	25	28	-2	19	-2	70	19	0	171	106
Port Sa'îd	320	6	12	02	0	1	Sc	8.2	-1.9	26	27	-2	22	-1	62	18	0	92	
El 'Arish	170	3	30	03	1	5	Cu, Sc	8.8	-1.0	27			19		58	18	0	101	
Damanhûr	360	5	15	02	0	0	—	10.2	+0.1	26	30	-2	19	0	62	18	0	87	101
Mansûra	320	5	35	02	1	2	Cu	10.0	-0.3	25	32	-3	19	-1	70	19	0	62	55
Tanta	270	2	35	02	0	0	—	10.3	-0.1	24	32	-3	18	-1	69	18	0	65	44
Zagazig	00	0	35	02	0	0	—	9.6	-0.8	26	34	-1	19	0	62	18	0	30	27
Ismailia	340	2	35	01	2	7	Cu	9.9		25	34		21		70	19	0		
Farouk (Airport)	360	5	18	02	2	2	Sc	10.1		23	32		20		65	16	0	83	
Almaza	20	7	12	02	2	4	Sc	10.3	-0.7	23	33	-3	20	-1	65	16	0	71	
Ezbekiya	360	2	12	02	1	1	Cu	10.3	-0.2	24	33	-3	21	0	61	16	0	61	26
Gîza	360	2	12	02	1	1	Cu	10.4	-0.2	24	34	-1	19	0	61	16	0	58	27
Helwân																			29
Faiyûm	360	4	35	02	0	0	—	9.8	-0.3	25	34	-2	20	0	61	17	0	23	8
Minya	10	6	10	00	0	0	—	9.9	-0.7	24	34	-3	18	-2	65	17	0	5	
Asyût Manqabâd	00	0	12	00	0	0	—	9.8	+0.6	29	35	-2	21	-1	52	18	0	3	
Nag' Hammâdi	00	0	15	00	0	0	—	8.8	+0.8	27	36	-2	20	0	55	17	0	0.1	
Qena	00	0	35	00	0	0	—	9.1	+1.7	29	40	-1	22	-2	40	14	0	2	
Luxor																			
Aswân	340	5	50	00	0	0	—	8.0	+0.3	30	39	-3	25	-1	33	12	0	dr.	
Sîwa	10	5	14	03	0	1	Cu	13.2	+0.4	23	36	-2	20	0	74	18	0	26	8
Baharîya	360	3	35	02	0	0	—	11.7	+1.0	24	35	-1	19	-1	47	12	0	1	7
Farafra	360	1	35	02	0	0	—	10.8		27	36		19		55	17	0	Rain	
Dakhla	160	9	50	00	0	0	—	11.4	+1.4	28	36	-3	22	-1	40	13	0	dr.	
Kharga	40	4	15	00	0	0	—	10.0	+1.5	28	36	-3	24	+1	22	4	0	dr.	
Suez	360	3	35	00	0	6	Cu	9.5	+0.1	25	32	-4	20	-2	74	20	0	44	17
Tôr	310	19	35	02	0	0	—	7.7	+0.7	27			24	0	70	21	0	1	13
Hurghada																			
Quseir	360	19	15	02	0	0	—	7.1	0.0	29	30	-3	24	-2	52	18	0	dr.	4
Port Sûdân																			97
Wâdi Halfa																			
Abu Hamad																			
Kareima																			2
Atbara																			8
Khartûm																			16
Kassala																			53
Wad Medani																			58
Renk																			168
Roseires																			239
El Obeid																			72
El Fasher																			34
Geneina																			79
Malakâl																			328
Wâu																			535
Juba																			605

HUMIDITY
Mean of day

Station	On 29th	Diff from normal
Alexandria	71	-3
Ezbekiya	55	-2
Gîza	51	-4
Helwân		

GÎZA
GRASS MINIMUM TEMP.
On 30th 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; Airport; 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 29th

Station	Matruh		Port Said		S. Barani		Port Said		Minya	
Time	14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	17	350	9	310	17	300	9	360	12
600	310	20	300	7	310	26	290	9	10	16
1000	290	19	290	9	300	26	290	12	360	15
1500	290	19	300	10	300	28	260	13	350	13
2000	290	21	310	13						
3000			310	18						
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 30th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arish		Helwân		Minya		Manqabâd		Luxor		Aswân		Hurghada			
Time	8		4				2						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	360	14	350	12			300	9					10	19	330	4			360	15				
600	10	10	340	10			280	9					360	18	340	16			10	14				
1000	20	10	300	9			280	9					10	16	350	18			10	13				
1500	60	9	300	10			270	14							330	23			320	13				
2000	70	10	270	11											320	25			20	9				
3000			310	13																				
4000			290	20																				
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	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	350	11	60	17	80	6	20	20																
600	350	11	50	23	60	8	20	27																
1000	360	8	40	30	70	6	20	26																
1500	360	12	180	12	10	9	10	23																
2000	300	31																						
3000	290	27																						
4000	290	15																						
5000	310	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.

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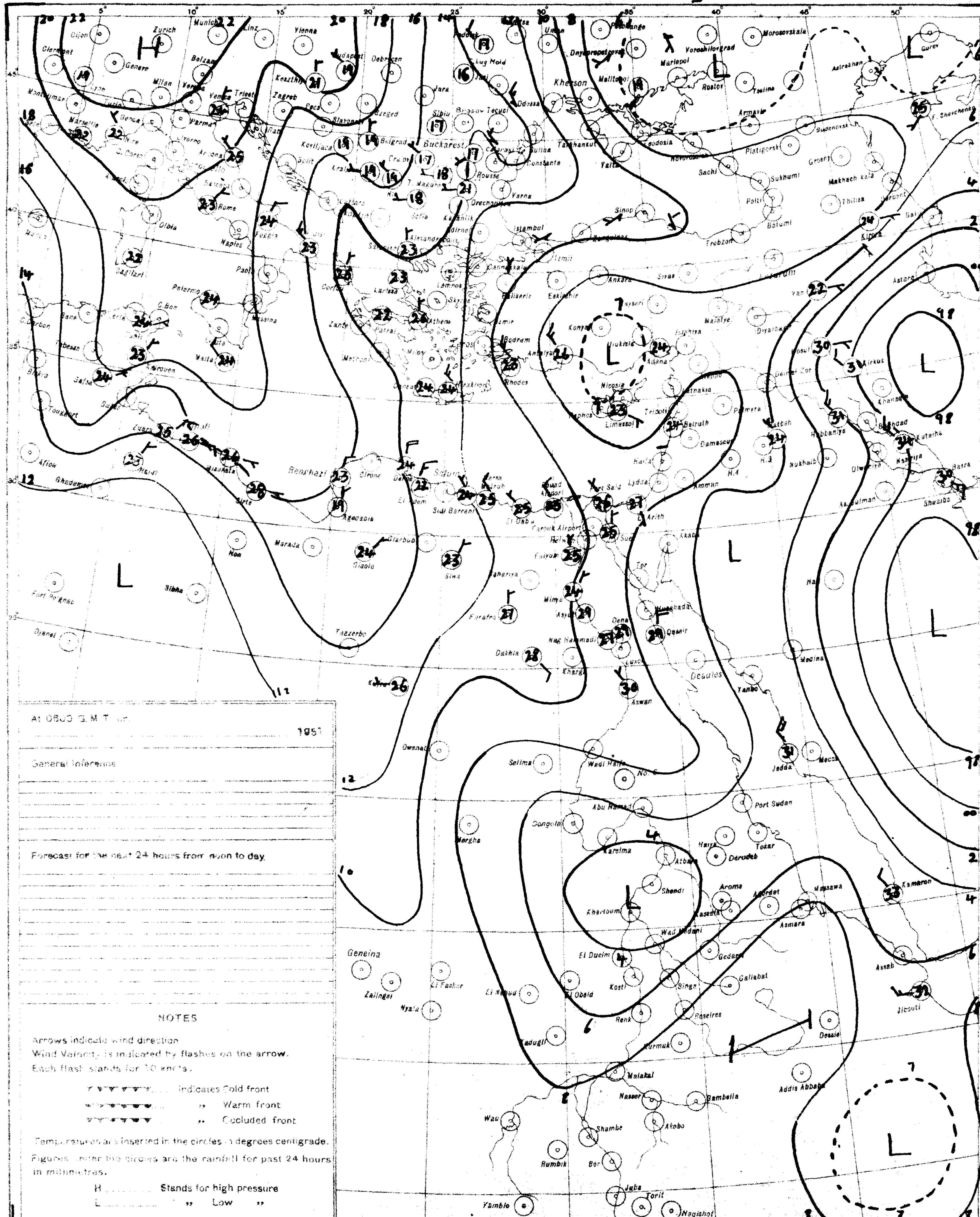
Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 30.6.1952*



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
Cirrostratus
Cirrocumulus
Altocumulus
Altostratus
Stratocumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

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 C 1949(45/557) (50/531)

SCALE 1:15,000,000