QC 991 .E? J? 1953 (Jan-Apr)

LIBRARY

N.O.A.A.
U.S. Dept. of Commerce

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: Thursday 1st January 1953

At 1200 on Wednesday 31st Dec. 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	Temperature °C	Humidity %	Dew point °C
62300	SALUM	40	3	35	02	2	8	As	20.3	17	60	9
[illegible]	SIDI BARANI	80	6	18	02	6	7	Cu, Ac	20.5	20	49	9
[illegible]	MATRUH	80	6	18	02	2	5	Cu, Ac	20.2	19	64	12
[illegible]	EL DABA	20	8	35	02	1	8	Cb	20.2	20	46	8
	ALEXANDRIA	40	13	50	03	2	6	Cu, Ci	20.2	18	60	10
318	Alex. (Airport)	40	6	18	02	1	5	Cu, Sc	20.1	19	56	10
330	DAMIETTA	40	5	35	02	0	1	Cu	19.6	19	52	9
333	PORT SAID	340	5	30	02	0	1	Sc, Ci	19.3	20	69	14
336	EL ARISH	90	3	30	00	0	0	—		19	35	3
339	DAMANHUR	40	9	15	02	1	2	Ci	19.8	19	52	9
342	MANSURA	40	5	35	02	1	3	Cu	19.6	21	50	10
348	TANTA	40	2	35	01	1	2	Cu	20.2	20	56	11
354	ZAGAZIG	00	0	50	02	4	0	—	19.0	21	50	10
440	ISMAILIA	40	2	35	02	0	0	—	19.1	20	41	6
366	Cairo (Airport)	20	11	18	02	0	1	Sc	19.0	20	43	7
[illegible]	ALMAZA	10	4	18	03	0	2	Cu	18.9	19	52	9
	EZBEKIYA	360	6	18	00	0	0	—	19.5	20	56	11
	GIZA	360	6	18	00	0	0	—	19.2	20	41	6
375	HELWAN	360	13	35	02	0	1	Ci	18.7	20	33	3
381	FAIYUM	00	0	35	02	0	0	—	19.0	21	41	7
387	MINYA	280	5	12	00	0	0	—	18.8	22	36	6
393	ASYUT MANGABAD	40	2	30	00	0	0	—	17.4	22	27	2
399	NAG HAMMADI	00	0	15	00	0	0	—	17.1	24	47	12
402	QENA	220	1	50	00	0	0	—	16.6	25	47	13
405	LUXOR	290	4	30	00	0	0	—	16.1	24	38	8
414	ASWAN	20	3	50	00	0	0	—	15.0	24	38	9
417	SIWA	170	2	14	02	1	4	Cu, Sc	20.7	22	41	8
420	BAHARIYA	00	0	35	02	1	2	Ci	19.7	19	46	7
423	FARAFRA	20	3	35	02	1	1		19.9	20	56	11
432	DAKHLA	340	9	50	00	0	0	—	17.1	22	21	-1
435	KHARGA	10	1	35	00	0	0	—	16.4	23	32	5
450	SUEZ	40	5	50	02	0	0	—	18.2	20	41	6
459	TOR	290	9	50	02	0	0	—	16.7	23	38	8
462	HURGHADA	20	5	30	02	0	0	—	17.4?	21	41	7
465	QUSEIR	360	13	15	02	2	7	Ac	16.6	23	50	12
641	PORT SUDAN	40	13	30	01	1	1	Cu	11.9	27	70	21
600	WADI HALFA	350	7	30	03	0	1	Ac	13.3	25	36	9
640	ABU HAMAD	310	1	30	02	0	0	—		29	25	7
660	KAREIMA	320	7	30	02	0	0	—	11.4	29	17	1
680	ATBARA	360	4	30	02	0	0	—	9.7	30	18	3
721	KHARTUM	30	10	30	02	0	0	—	8.8	32	16	3
730	KASSALA	20	7	30	02	0	0	—	6.9	33	24	10
751	WAD MEDANI	360	9	35	02	0	0	—	8.1	34	20	8
801	RENK											
802	ROSEIRES	50	2	35	02	0	0	—	4.3	37	20	11
771	EL OBEID	40	4	30	02	0	0	—	7.4	33	14	2
760	EL FASHER	00	0	30	02	0	0	—		31	26	9
750	GENEINA											
840	MALAKAL	70	15	30	02	0	0	—	5.7	37	18	9
880	WAU											
941	JUBA	40	7	30	02	2	7	Cu, Cs	3.4	39	20	12

At 1800 on Wednesday 31st Dec. 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	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALUM	70	4	15	02	2	6	As	18.8	18	60	10	0
SIDI BARANI	20	2	14	02	6	3	Ac, Ci	20.4	15	72	10	dr.
MATRUH	60	6		02	2	5	Sc, Cu	20.3	16	77	12	0
EL DABA	90	11	7	03	2	8	St	20.4	17	60	9	0
ALEXANDRIA	40	11	35	01	2	3	Cu, Ci	20.4	17	60	9	0
Alex. (Airport)	00	0	12	02	0	1	Cu	19.9	14	77	10	0
DAMIETTA	40	5		02	0	1	Cu	19.[illegible]	17	68	11	0
PORT SAID	40	12	18	02	0	0	—	[illegible]	17?	68	11	0
EL ARISH	00	0	14	00	0	0	—	18.8	12?	67	6	0
DAMANHUR	40	9	15	02	0	0	—	[illegible]	15	68	9	0
MANSURA												
TANTA	00	0	35	02	0	0	—	19.5	13	97	13	0
ZAGAZIG	00	0	35	02	0	0	—	18.7	14	67	8	0
ISMAILIA	20	2	35	02	0	0	—	19.1	13	72	8	0
Cairo (Airport)	90	5	12	00	1	0	—	18.9	14	63	7	0
ALMAZA	00	0	12	00	1	0	—	18.9	14	67	8	0
EZBEKIYA	00	0	12	00	0	0	—	18.3	14	67	8	0
GIZA	00	0	12	00	0	0	—	19.1	11	77	7	0
HELWAN	360	7	15	02	0	0	—	19.4	15	39	1	0
FAIYUM	00	0	35	02	0	0	—	18.3	14	67	8	0
MINYA	360	3	8	00	0	0	—	18.5	11	77	7	0
ASYUT	240	2	12	00	0	0	—	18.2	16			0
NAG HAMMADI	00	0	7	00	0	0	—	17.4	14	77	10	0
QENA	270	1	7	00	0	0	—	17.2	15	68	9	0
LUXOR	00	0	18	00	0	0	—	16.9	16	49	5	0
ASWAN	00	0	50	00	0	0	—	15.1	20	41	6	0
SIWA	120	2	10	01	2	1	Ci	20.6	14	52	4	0
BAHARIYA	00	0	15	02	0	0	—	19.8	12	63	5	0
FARAFRA	360	2	15	02	0	0	—	20.3	11	88	9	0
DAKHLA	320	9	35	00	0	0	—	19.2	15	30	-3	0
KHARGA	00	0	15	00	0	0	—	16.7	16	32	-1	0
SUEZ	310	5	15	02	0	0	—	18.7	13	44	1	0
TOR	310	9	35	02	0	0	—	17.0	15	39	1	0
HURGHADA	300	6	12	02	0	0	—	17.1	16	52	6	0
QUSEIR	350	5	15	01	1	4	Ac	16.8	20	56	11	0

At 0600 on Thursday 1st January, 1953

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	Rainfall Total	Rainfall Normal
SALUM	270	2	15	00	0	0	—	18.7	+1.1	14	20	0	11	+1	77	10	0	15	
SIDI BARANI	180	3	15	02	1	3	Cu, Sc	18.6		10	20		8		82	7	dr.	79	
MATRUH	270	4	18	02	2	7	Cu, Sc	18.6	0.0	14	20		11		88	12	0	31	
EL DABA	00	0	15	02	1	4	Cb	19.1		11	20		9				0	69	
ALEXANDRIA	130	5	35	04	2	4	Sc	19.6	+0.6	15	22	+3	12	+1	68	9	0	54	97
Alex. (Airport)	00	0	12	03	1	6	Sc, Ci	19.4	+1.4	11	21	+2	7	-3	97	11	0	48	70
DAMIETTA	320	2	3	10	0	1	Ci	19.6	+1.6	10	20	+1	8	-1	88	8	0	8	40
PORT SAID	240	3	12	02	1	3	Ci	18.9	+0.9	15	21	+3	12	0	88	13	0	28	
EL ARISH											21								
DAMANHUR	130	9	3	02	1	1	Ci	19.5	+0.9	12	19	-1	8	0	77	8	0	11	37
MANSURA	40	5	35	00	0	0	—	19.5	+0.9	9			8	0	88	7	0	19	16
TANTA	00	0	35	02	0	0	—	19.0	-0.1	7	22	+2	5	-2	97	7	0	2	14
ZAGAZIG	00	0	7	10	4	0	—	19.2	0.0	4	23	+3	3	-4	97	4	0	8	10
ISMAILIA	250	2	35	01	1	1	Cs	19.2		8	22		5		88	6	0	16	
Cairo (Airport)	250	2	12	03	0	3	Cs	19.3		8	20		5		66	2	0	4	
ALMAZA	00	0	12	03	1	3	Ci	19.5	+0.5	9	20	+1	6	-3	62	2	0	4	
EZBEKIYA	330	3	0.05	43	4	9		19.9	+0.5	8	21	+1	6	-2	82	5	0	14	9
GIZA	330	3	0.05	43	4	9		20.3	+0.8	5	21	+2	4	-2	93	4	0	41	10
HELWAN	00	0	0.8	10	4	1	Ci	20.0	+0.4	9	21	+2	7	-2	62	2	0	3	9
FAIYUM	00	0	35	02	0	0	—	19.5	+0.1	6	23	+2	4	-3	87	4	0	13	3
MINYA	00	0	10	00	0	0	—	19.1	-1.0	6	22	+2	3	-2	87	4	0	1	
ASYUT	00	0	6	10	0	0	—	19.3	-0.9	10	23	+2	7	0	67	4	0	0	
NAG HAMMADI	00	0				0	—	19.2	-0.5	10	25	+3	6	0	97	10	0	0	
QENA	320	1	35	00	0	0	—	18.6	-0.3	12	26	+3	5	-2	63	5	0	0	
LUXOR											26								
ASWAN	20	4	50	00	0	0	—	18.0	-1.0	16	25	+1	11	0	49	5	0	0	
SIWA	60	0	14	03	0	3	Ac, Cc	19.5	-1.2	5	23	+3	4	0	81	2	0	1	5
BAHARIYA		2	35	02	0	0	—	20.0	-0.2	9	21	+1	4	-1	71	4	0	dr.	4
FARAFRA	180	1	35	02	0	0	—	20.3		4	20		1		65	-2	0	0	
DAKHLA	90	9	50	00	0	0	—	19.6	-1.0	5	22	0	3	-2	53	-4	0	0	
KHARGA	00	0	35	00	0	0	—	19.1	-0.3	9	23	0	6	-1	62	2	0	0	
SUEZ	40	4	50	00	0	3	Sc	19.6	+0.8	9	22	+2	5	-5	71	4	0	31	9
TOR	40	9	35	02	0	0	—	17.8	-0.2	11	23	+2			71	6	0	0	7
HURGHADA	280	12	18	02	0	1	Sc	17.7	+0.3	16	22	+1	9	-2	52	4	0	dr.	
QUSEIR	330	5	15	01	1	2	As	16.8	-0.8	18	23	0	15	0	46	6	0	dr.	4
PORT SUDAN	340	10	30	02	0	1	Cu	14.0		24	28		21		69	18	0		
WADI HALFA	20	3	30	03	0	3	Ci	17.4		13	26		10		51	3	0		
ABU HAMAD	360	4	30	02	0	0	—			17	29		15		42	4	0		
KAREIMA	10	3	30	02	0	0	—	15.3		15	30		14		59	7	0		
ATBARA	350	6	30	01	0	0	—	13.9		19	31		16		49	8	0		
KHARTUM	360	7	30	02	0	0	—	12.9		19	32		17		35	3	0		
KASSALA	00	0	30	02	0	0	—	12.2		20	33		14		60	12	0		
WAD MEDANI																			
RENK																			
ROSEIRES	310	2	35	02	0	0	—	12.3		21	38		16		50	10	0		
EL OBEID	360	5	30	02	0	0	—	13.9		19	33		15		32	2	0		
EL FASHER																			
GENEINA	60	8	30	02	0	0	—			17	36		14		37	2	0		
MALAKAL	10	12	30	02	0	0	—	11.1		24	38		19		30	5	0		
WAU	00	0	10	04	0	0	—	10.6		22	37		19		65	15	0		
JUBA		5	30	01	2	4	Cu, Ac	9.8		28	39		22		52	17	0		

HUMIDITY — Mean of day

Station	On 31st	Diff. from normal
Alexandria	53	-13
Ezbekiya	65	-4
Giza		
Aswan	45	-13

GIZA — Grass Minimum Temp. on 1st Jan. 2.0 °C.

Remarks

UPPER AIR OBSERVATIONS

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

Remarks

RAWINSONDE — Cairo Airport, On 31st At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	165	18		20	8
950					
900					
850	1529	6		70	9
800					
700	3118	1		140	7
600					
500	5768	-14		290	13
400	7426	-28		310	24
300	9446	-40		300	29

(Two further Rawinsonde Airport columns: On ... At ... — no entries.)

UPPER WIND OBSERVATIONS on 31st

Station	S.Barani		Matruh		El Arish		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada		El Arish		Minya	
Time	14		14		14		14		14		13 45		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	60	7	80	11	360	17	320	8	320	9			350	12	90	3	350	19	20	7	30	6	10	11	20	6
600	70	7	50	8	140	7	300	6	310	8	320	12	340	10	60	3	350	16	10	10	350	9	10	16	20	5
1000	360	7	40	13	150	9	360	3	340	8	330	18	330	6	30	7	340	8	350	7	340	11	30	12	10	9
1500	60	4	80	10	130	6	60	3	10	8	90	12	70	9	60	14	330	7	360	11	300	10	100	10	360	9
2000							240	4	340	3	70	19	80	9	60	15	330	9	30	8	330	7	80	7	310	6
3000							260	8	320	9											220	2			30	10
4000							280	8	320	4																
5000							280	11																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Nag Hammadi		Luxor		Aswan		Hurghada			
Time	8		8				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.	Dir.	Vel.
300	180	12	60	4			40	4			80	5	350	8	100	7					360	14		
600	160	12	60	7			50	7			70	15	350	6	50	8					310	12		
1000	150	14	60	9			20	14			90	4	350	4	100	4					220	6		
1500	120	15	100	8			60	9			110	6	350	7	190	8					230	12		
2000			340	6							120	13	40	2	280	6					90	7		
3000											140	9	300	3	320	5					270	1		
4000											210	2			300	14								
5000															320	16								
6000															320	42								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8		4		4		4		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	130	13	310	3	350	3	360	9	20	13														
600	120	14	270	2	270	3	20	12	40	11	50	15	40	21	10	24							20	15
1000	110	15	330	2	210	4	30	15	360	10	50	12	30	17	10	21			20	21			30	18
1500	110	19			240	6	30	15	340	5	350	13	340	13	350	13			90	7			40	34
2000	310	7			240	10									300	13								
3000	300	9							330	25	300	27	310	36	280	21			280	7			50	6
4000	260	13																						
5000											300	39			290	28								
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

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

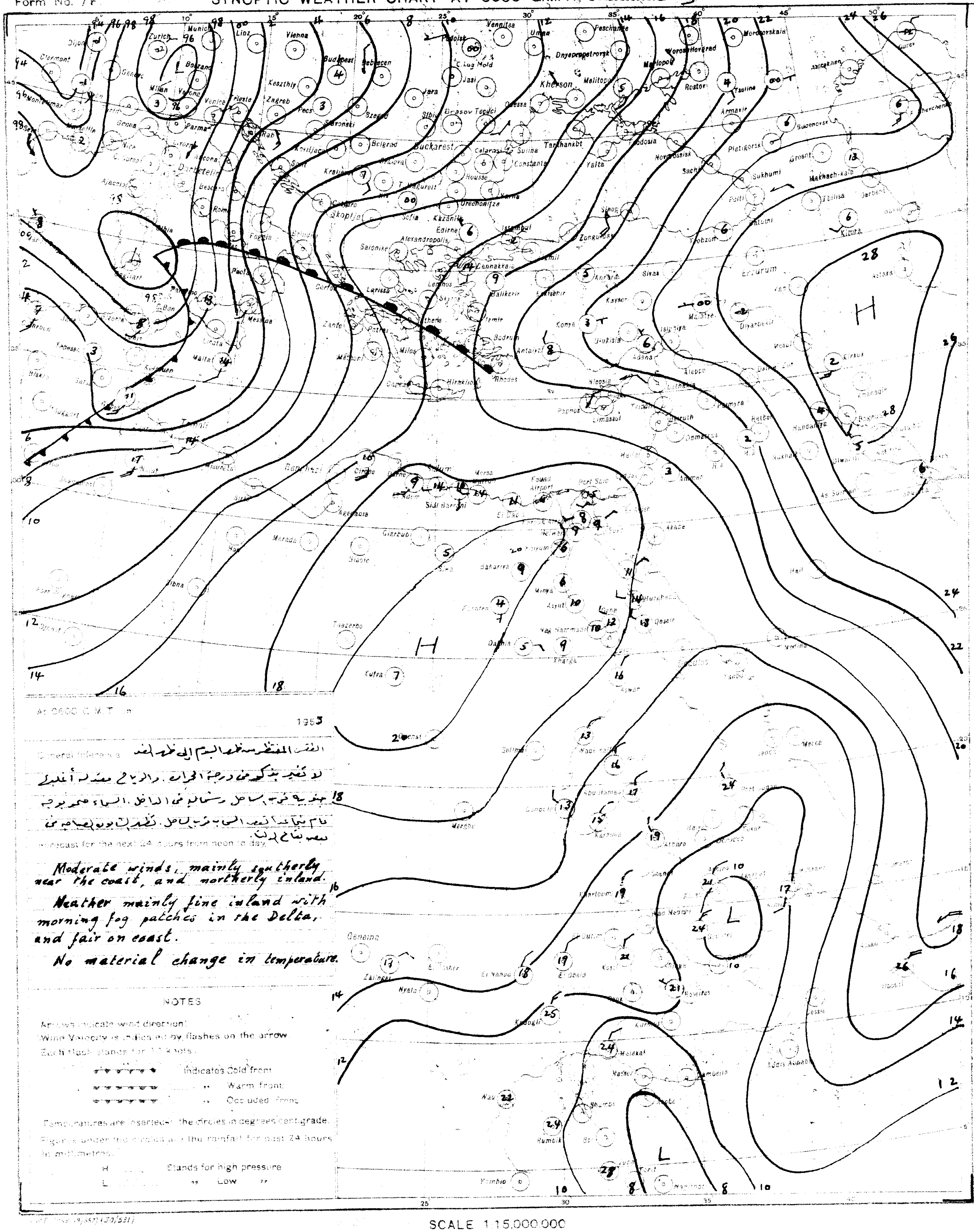
Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Environmental Data Rescue Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 1-1- 1953



At 0600 G.M.T. on 1953

General Inference: الطقس المنتظر من ظهر اليوم إلى ظهر الغد
لا تغير يذكر في درجة الحرارة . والرياح معتدلة أغلبها
جنوبية قرب الساحل وشمالية في الداخل . السماء صحو بوجه
عام مع تكاثر السحب قرب الساحل . تظهر الشبورة صباحاً في
بعض بقاع الدلتا.

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly southerly near the coast, and northerly inland.

Weather mainly fine inland with morning fog patches in the Delta, and fair on coast.

No material change in temperature.

NOTES

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

Indicates Cold front
„ Warm front
„ Occluded front

Temperatures are inserted in the 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	31
Fog	45
Drizzle	50
Rain	61
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 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

SCALE 1:15,000,000

MISSING: February 1-14, 1953

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 7E.

DAILY WEATHER REPORT

Date: Friday 2nd January, 1953

At 1200 on Thursday 1st / At 1800 on Thursday 1st

Station	1200 Wind Dir.	Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Form	Bar. M.S.L.	Temp. °C	Humidity %	Dew Point °C	1800 Wind Dir.	Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Form	Bar. M.S.L. mbs	Temp. °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
Sallum	140	2	35	03	0	3	AC	15.0	20	46	8	110	3	15	02	2	8	AS	12.9	17	32	0	0
Sidi Barrani	160	4	18	02	2	7	Cu, CS	15.2	20	41	6	170	5	14	02	2	8	AS	12.7	15	63	8	0
Matruh	130	7	18	03	2	7	Cu, CS	16.0	20	46	8												
El Daba	40	10	35	01	1	2	Cu	16.6	19	46	7	160	4	7	01	1	2	Cu	14.3	12	62	5	0
Alexandria	310	9	50	03	2	6	Sc, Cu	16.8	19	52	9	130	5	35	01	2	2	Sc	15.8	15	77	11	0
Alex. Airport	00	0	18	03	0	3		16.7	20	56	11	00	0	12	02	0	1	Cc	15.2	14	82	11	0
Damietta	30	5	35	02	0	1	AC	16.7	19	46	7	100	2	7	00	0	0	—	15.8	16	49	5	0
Port Said	350	3	18	02	1	1	Ci	16.9	19	64	12	60	8	18	02	0	0	—	16.4	16	88	14	0
El Arish	00	0	30	01	1	4	Ci	16.2	21	33	4												
Damanhur	180	5	15	02	0	0	—	16.8	21	31	3	180	5	15	02	1	7	Ci	16.8	14	55	5	0
Mansura	90	3	35	00	0	0	—	17.0	21	33	4	40	5		00	0	0	—	16.6	13	67	7	0
Tanta			35	02	0	0	—	16.3	19	46	7	60	5	35	02	0	0	—	16.0	14	77	10	0
Zagazig	40	10	50	02		0	—	16.6	20	41	6	00	0	35	02	0	0	—	16.4	12	78	8	0
Ismailia	40	2	35	02	0	0	—	17.3	21	26	1	20	2	35	02	0	0	—	16.2	13	77	9	0
Cairo (Airport)	40	5	30	00	0	0	—	16.3	20	41	6	90	8	12	01	1	1	Ci	16.1	14	55	5	0
Almaza	20	5	30	02	1	1	Ci	16.2	20	33	3	100	3	12	02	1	1	Ci	15.8	14	55	5	0
Ezbekiya	330	2	18	00	4	0	—	16.3	21	35	5	00	0	12	03	0	2	Ci	15.5	13	67	7	0
Giza	330	2	18	00	4	0	—	16.3	20	41	6	00	0	12	03	0	2	Ci	16.2	10	76	6	0
Helwan	220	3	35	02	0	0	—	16.4	21	20	-3	220	5	15	02	0	1	CS	15.6	14	48	3	0
Faiyum	00	0	35	02	0	0	—	17.1	21	41	7	00	0	35	03	1	2	Sc, Cu	15.5	11	77	7	0
Minya	00	0	12	00	0	0	—	16.6	22	36	6	00	0	8	00	0	0	—	15.9	12	63	5	0
Asyut (Airport)	360	1	18	00	0	0	—	16.4	21	28	2	170	3	8	00	0	0	—	15.7	16	36	1	0
Nag Hammadi	00	0	7	00	0	0	—	16.7	22	50	11	00	0		00	0	0	—	16.3	13	77	9	0
Qena	180	1	50	00	0	0	—	15.8	25	11	-8	270	1	7	00	0	0	—	16.3	15	59	7	0
Luxor	340	9	30	00	0	0	—	16.1	22	31	4												
Aswan	320	3	50	00	0	0	—	15.5	24	38	9	00	0	15	00	0	0	—	14.7	21	41	7	0
Siwa	140	5	14	02	0	2	AC, Ci	16.7	20	38	5	160	4	8	03	1	7	AC, CS	14.7	14	48	3	0
Bahariya	360	2	35	02	0	0	—	16.7	22	44	9	180	2	15	02	1	4	AC	16.3	13	55	4	0
Farafra	00	0	35	02	0	0	—	16.4	21	50	10	110	2	15	03	1	1	Cu	16.3	11	41	-2	0
Dakhla	220	4	50	00	0	0	—	16.4	21	20	-3	00	0	35	00	0	0	—	16.2	14	36	-1	0
Kharga	00	0	35	00	0	0	—	16.9	24	26	3	00	0	15	00	0	0	—	16.6	14	27	-5	0
Suez	40	4	50	01	0	1	Sc	15.6	21	41	7	220	4	15	01	0	0	—	16.7	15	59	7	0
Tor	310	9	50	02	0	0	—	15.5	22	23	0	360	9	35	02	0	0	—	15.6	15	48	4	0
Hurghada	360	5	30	02	0	1	Sc	15.7	21	53	11	240	5	12	02	0	0	—	15.3	16	68	10	0
Quseir	20	9	15	02	1	2	AC	14.0	24	54	14												
Port Sudan																							
Wadi Halfa																							
Abu Hamad																							
Kareima												30	2	30	03	0	6	CS	11.8	22	41	8	0
Atbara												340	4	30	02	0	0	—	11.4	23	27	3	0
Khartum												310	9	30	01	1	0	—	10.5	24	22	1	0
Kassala												340	4	30	02	0	0	—	10.3	23	47	11	0
Wad Medani																							
[illegible]																							
Roseires																							
El Obeid	40	9	30	02	0	0	—	7.2	29	18	2	10	4	30	02	0	0	—	10.3	22	31	4	0
El Fasher	00	0	30	02	0	0	—		30	27	9	00	0	30	02	0	0	—		23	41	9	0
Geneina	90	5	30	02	0	0	—		31	16	2	30	7	30	03	0	1	Ci		24	24	2	0
Malakal	50	7	30	02	0	0	—	5.0	37	14	6	20	8	30	02	0	0	—	6.9	28	27	7	0
Wau	70	10				1	Ci	4.4	37	14	6	70	2	10	04	0	0	—	6.3	28	45	15	0
Juba	40	5	30	02	0	6	Cu, Ci	3.1	37	24	13												

At 0600 on Friday 2nd January, 1953

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.	Diff. from normal					
Sallum	220	2	15	01	0	3	AC	9.5	-8.1	14	20	0	9	0	55	5	0	15	
Sidi Barrani	150	5	15	01	1	5	AC	10.2		12	20		10		51	2	0	79	
Matruh	110	6	18	01	2	3	AC	11.2	-7.4	10			6		67	4	0	31	
El Daba	140	3	15	01	1	1	Cu	13.9		9	20		5		71	4	0	69	
Alexandria	130	14	50	03	2	5	AC	14.7	-4.3	12	21	+2	11	0	62	5	0	54	99
Alex. Airport	00	0	12	01	1	6	AC, Cc	14.0	-4.0	11	21	+2	10	0	71	6	0	48	72
Damietta	160	2	3	10	1	3	AC	16.7	-1.3	12	21	+2	9	0	77	8	0	8	41
Port Said	130	9	14	01	1	5	AC	16.6	-1.4	14	20	+2	13	+1	67	8	0	28	
El Arish	140	3	18	01	2	4	AC	16.6	-2.0	13			9		48	2	0	6	
Damanhur	130	9	15	02	1	8	Sc, Cu	15.1	-3.5	11	22	+2	11	+3	77	7	0	11	37
Mansura	360	3	35	03	2	6	Cu	16.2	-2.4	9	22	+2	8	0	88	7	0	19	16
Tanta	180	2	35	01	1	4	Cu	15.9	-3.2	12	22	+2	7	0	63	4	0	3	19
Zagazig	00	0	35	02	1	4	Cu	15.8	-3.4	11	22	+2	4	-3	51	1	0	8	10
Ismailia	200	2	35	03	2	7	AC	16.6		12	22		7		62	5	0	16	
Cairo (Airport)	110	5	7	05	2	6	AC	16.1		14	21		11		48	3	0	4	
Almaza	90	3	14	02	2	7	AC, Cc	15.2	-3.8	11	22	+3	11	+2	58	3	0	4	
Ezbekiya	00	0	8	03	1	5	AC, Ci	15.4	-4.0	12	22	+2	10	+2	59	4	0	14	9
Giza	00	0	8	03	1	5	AC, Ci	15.2	-4.4	11	21	+2	5	-1	51	1	0	41	10
Helwan	140	15	7	01	2	6	AC, Ci	15.6	-4.0	16	21	+2	12	+3	32	-1	0	3	9
Faiyum	00	0	35	02	1	4	St	16.2	-3.2	10	23	+2	6	-1	62	3	0	13	3
Minya	160	8	8	03	2	6	AC	16.9	-3.2	10	22	+2	7	+2	67	4	0	1	
Asyut (Airport)	00	0	15	00	0	7	AC	17.5	-2.7	9	22	+1	7	0	62	2	0	0	
Nag Hammadi	00	0		03	2	5	Sc, Cu	18.6	-1.1	12	25	+3	7	+1	55	3	0	0	
Qena	270	1	35	03	1	3	Ci	19.1	+0.1	15	26	+3	7	0	59	7	0	0	
Luxor	90	3	30	00	0	0	—	18.3	-0.9	13			7		48	2	0	0	
Aswan	00	0	50	00	0	0	—	17.5	-1.5	17	25	+1	11	0	42	4	0	0	
Siwa	60	3	14	03	1	5	Sc, AC	11.4	-9.3	9	20	0	8	+4	47	-2	0	1	5
Bahariya	00	0	35	02	2	7	AC	15.5	-4.7	13	22	+2	7	+2	55	4	0	dr.	4
Farafra	160	2	35	03	2	8	Cb	15.6		7	22		2		57	-1	0	0	
Dakhla	90	15	50	01	2	5	Ci	16.6	-4.0	8	22	0	4	-1	37	-6	0	0	
Kharga	00	0	35	00	0	0	—	16.7	-2.7	11	24	+1	6	-1	51	1	0	0	
Suez	00	0	35	00	0	6	Cu, Ci	16.3	-2.6	15	22	+2	7	-3	68	9	0	31	9
Tor	40	5	35	03	1	7	AC	16.7	-1.3	14	24	+3	10	+1	55	5	0	0	7
Hurghada	00	0	18	02	2	6	Cu, CS	17.1	-0.3	16?	22	+1	11	0	56	7	0	dr.	
Quseir	330	5	15	03	1	2	Ci	17.4	-0.2	21			16	+1	57	12	0	dr.	4
Port Sudan	310	7	30	13	1	6	Sc	15.8		23	28		21		65	16	0		
Wadi Halfa	00	0	30	02	0	0	—	15.8		13	25		7		59	5	0		
Abu Hamad	50	3	30	02	0	0	—			15	28		14		59	7	0		
Kareima	40	4	30		1	0	—				27		14			6	0		
Atbara											30								
Khartum	360	7	30	00	2	0	—	13.0		17?	30		13		42	4	0		
Kassala	70	2	50	02	0	0	—	11.8		23?	32		14		74	18	0		
Wad Medani																			
[illegible]																			
Roseires																			
El Obeid	20	5	50	02	0	0	—	13.3		18	30		13		24	-3	0		
El Fasher	00	0	30	03	0	7	Ci			16	32		11		42	3	0		
Geneina	60	6	30	01	1	0	—			15	34		12		42	2	0		
Malakal	40	11	30	02	0	0	—	11.1		23	37				22	5	0		
Wau											39								
Juba																			

Humidity — Mean of day

Station	On 1st	Diff. from normal
Alexandria	67	+1
Ezbekiya	68	-1
Giza	81	+7
Helwan	46	-12

GIZA — Grass Minimum Temp.: 2nd 4.4

Remarks

UPPER AIR OBSERVATIONS

Rawinsonde — Cairo Airport, On 1st At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	138	17		10	5
950					
900					
850	1502	10		150	12
800					
700	3102	4		190	8
600					
500	5755	-12		270	26
400	7433	-22		300	53
300	9483	-37		300	78

Remarks

UPPER WIND OBSERVATIONS on 1st

Station	Port Said		Aswan		Kharga		Dakhla		Minya		Asyut		Siwa		Matruh		S. Barrani						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	70	5	340	8	90	2	360	3	150	7	30	4	150	22	120	13	140	9					190	4	90	9
600	80	4	350	5	60	2	360	3	150	7	330	3	150	23	120	13	140	12					210	3	90	9
1000	90	6	30	10	360	3	260	4	180	6	240	4	140	22	120	11	140	16					140	2	90	9
1500	100	14	60	14	320	3	270	4	220	16	240	10	140	17	100	10	160	12					170	5	90	7
2000	100	8	40	6	360	4	300	5	230	8	240	4	140	9	230	2	190	11					190	8	110	7
3000	170	8					320	4	260	6	300	3	200	13	250	12							200	5		
4000	160	10							300	10			240	22												
5000													240	11												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

Station	Sidi Barrani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		[illegible]		[illegible]		Luxor		Aswan		[illegible]		Almaza	
Time	8		4				2						2		8		8 15						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	220	20	160	18			170	12					170	4	150	23	40	2					200	21
600	230	20	190	23			170	14					180	3	150	30	130	9					190	30
1000	250	12	200	27			180	19					190	5	170	22	220	3					190	17
1500	210	11	230	23			180	26					160	8	190	10	220	2					210	17
2000			280	22			180	26					170	6	240	14	150	4					210	15
3000													200	5	280	16	140	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		5		5				4				5		5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	190	34	310	36	130	13	120	6	20	15														
600	210	35	300	42	150	21	130	15	90	14	80	29			20	17								
1000	230	35	300	47	160	19	140	14	70	11	80	25			20	14			40	18	40	31		
1500	230	30	300	33	170	22	170	11	100	5	70	9			350	8			240	8	300	7		
2000	230	23							360	3	350	12			310	11			360	9	320	8		
3000									340	15	350	12			300	13			350	7	350	7		
4000															310	3			70	7				
5000															20	10								
6000									350	15														
7000																								
8000																								

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

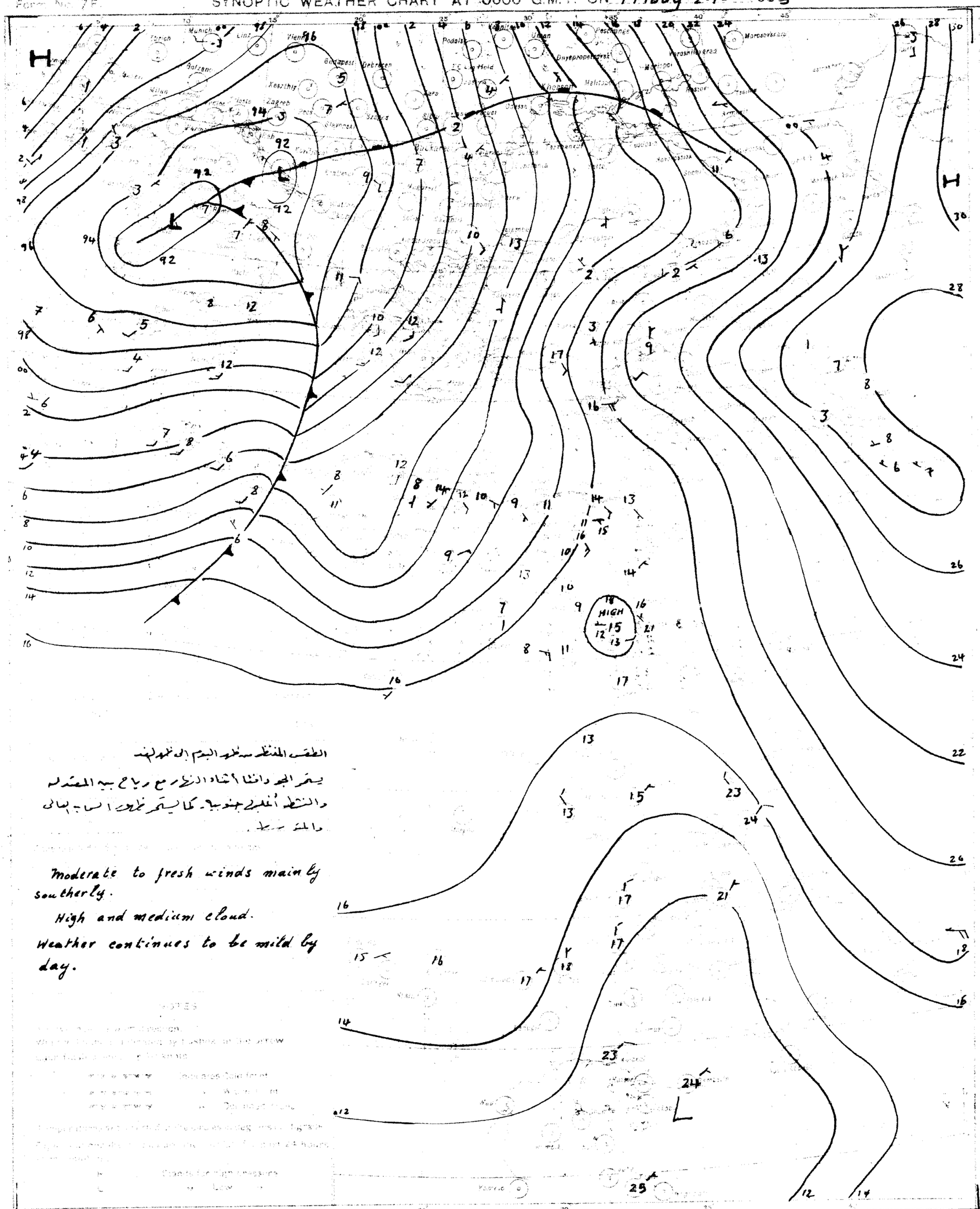
Printed by the Survey of Egypt 1949 (45 (55))-(50/53)

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 2-1- 1953



الطقس المنتظر من يوم السبت الى يوم الجمعة

يستمر الجو دافئا اثناء النهار مع رياح بين المعتدلة والنشطة الغالب جنوبية. كما يستمر تكون السحب العالية والمتوسطة.

Moderate to fresh winds mainly southerly.

High and medium cloud.

Weather continues to be mild by day.

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 51 G.M.T.
" " Sunset 15 08 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 3rd January 1953

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	SALUM	200	2	35	03	2	5	Sc	7.1	1		5
	303	SIDI BARANI	170	8	18	02	8	6	AC	7.4	20	24	-1
	306	MATRUH	190	14	18	03	8	7	AC	8.8	21	31	3
	309	EL DABA	220	11	35	03	2	6	Sc	11.1	22	33	5
		ALEXANDRIA	180	16	50	02	2	5	Ci	12.6	23	20	-1
	318	Alex (Airport)	180	13	18	02	0	0	—	12.2	23	26	2
	330	DAMIETTA	140	2	35	01	0		AC	14.3	21	57	12
	333	PORT SAID	150	4	30	02	0	1	AC	15.4	21	65	14
	336	EL ARISH	180	3	30	01	0	0	—	15.8	25	24	3
Lower Egypt	339	DAMANHUR	180	9	15	02	1	3	Cu	13.4	22	29	3
	342	MANSURA	180	13	35	00	1	0	—	14.0	22	36	6
	348	TANTA	220	8	35	03	2	5	Cc	13.6	22	41	9
	354	ZAGAZIG	00	0	50	01	1	3	Cu	1.1	23	38	8
	441	ISMAILIA	160	2	35	03	1	3	Cs	15.2	25	42	11
Cairo Area	366	Cairo (Airport)	220	25	10	03	2	5	AC, Cc	15.2	23	34	6
	370	ALMAZA	200	17?	30	03	2	5	AC	14.8	23	34	6
		EZBEKIYA	200	4?	18	02	1	5	AC, Ci	14.3	24	32	6
		GIZA	200	4?	18	02	1?	5	AC, Ci	14.6	24	32	6
	378	HELWAN	180	14	35	03	3?	7	AC, Cc	15.1	23	32	5
Upper Egypt	381	FAIYUM	00	0	35	03	2	8	Ns?	15.0	21	50	10
	387	MINYA	180	9	10	02	2	7	AC	14.5	19	52	9
	393	ASYUT MANQABAD	120	6	12	02	2	7	AC	14.8	22	41	8
	399	NAG HAMMADI	00	0	15	02	0	4	AC	15.2	26	37	10
	402	QENA	130	1	50	02	1	3	Ci	15.1	27	42	13
	405	LUXOR	320	6	30	01	1	1		14.5	26	40	11
	414	ASWAN	00	0	50	00	0	0	—	14.6	24	47	12
Oases	417	SIWA	260	3	12	20	5	7	Ns, AC	9.9	22	27	2
	420	BAHARIYA	180	4	35	01	2	3	AC	13.9	23	38	8
	423	FARAFRA	180	2	35	01	2	4	AC	13.9	24	26	3
	432	DAKHLA	100	19	35	01	1	3	Ci	13.4	24	15	-5
	435	KHARGA	180	1	35	01	1	2	Cs	13.9	26	21	2
Red Sea	450	SUEZ	220	8	50	01	0	2	Cu, Ci	15.2	23	61	15
	459	TOR	140	9	35	03	1	4	AC	15.9	24	54	14
	462	HURGHADA	140	12	18	02	2	6	AC	16.4	24	54	14
	465	QUSEIR	20	9	15	03	1	6	Cu, AC	16.3	23	65	16
	641	PORT SUDAN	20	14	30	01	0	1	Cu	13.7	27	55	17
North Sudan	600	WADI HALFA	90	8	30	02	0	1	Ci	12.1	29	29	9
	640	ABU HAMAD	70	2	30	02	0	0	—		29	25	7
	660	KAREIMA	50	6	30	02	0	0	—	10.4	29	25	7
	680	ATBARA	90	5	30	02	0	0	—	9.1	29	25	7
	721	KHARTUM	20	5	30	02	0	0	—	9.0	30	13	-1
	730	KASSALA	270	1	30	02	0	0	—	6.8	33	23	9
Central Sudan	751	WAD MEDANI	310	2	35	02	0	0	—	7.9	32	13	0
	801	RENK	310	13	35	02	0	2	AC	7.6	34	22	9
	802	ROSEIRES											
	771	EL OBEID	40	5	30	02	0	0	—	8.4	29	20	4
	760	EL FASHER	00	0	30	02	2	0	—		31	26	9
	770	GENEINA	230	2	30	02	0	0	—		33	15	3
S. Sudan	840	MALAKAL	50	7	30	02	0	0	—	6.8	36	19	9
	880	WAU	130	6	10	04	0	0	—	5.7	36	19	9
	941	JUBA	360	3	30	02	2	7	Cu, Cs	3.9	36	29	15

At 1800 on Friday 2nd

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms.
SALUM	140	3	15	01	0	0	—	8.3	18	37	3	0
SIDI BARANI	180	16	14	02	1	0	—	8.8	14	39	0	dr.
MATRUH	210	11	11	01	1	2	AC	9.5	16	39	2	dr.
EL DABA	160	9	7	03	2	8	St	11.2	18	37	3	0
ALEXANDRIA	160	11	35	03	5	8	Cu, Ci	14.3	19	37	4	dr.
Alex (Airport)	00	0	12	02	9	6	Cb	14.6	16	68	10	0.3
DAMIETTA	220	2	7	03	1	4	AC	16.7	16	59	8	0
PORT SAID	50	2	14	02	2	7	AC	16.3	17	94	16	0
EL ARISH	110	2	14	01	1	1	Sc	15.2	17	52	7	0
DAMANHUR	180	9	15	02	1	3	AC	14.3	14	67	8	0
MANSURA	220	9		00	0	0	—	15.5	12	77	8	0
TANTA	180	2	15	03	2	8	Cu, Sc	15.1	16	68	10	0
ZAGAZIG	00	0	35	02	1	0	—	15.1	16	68	10	0
ISMAILIA	220	2	35	01	1	3	AC	16.4	18	73	13	0
Cairo (Airport)	160	5	12	02	1	2	AC	14.8	18	56	9	0
ALMAZA	200	4	12	03	0	2	Sc	14.9	18	60	10	0
EZBEKIYA	150	3	12	01	5	2	Cu	15.0	17	56	8	dr
GIZA	150	3	12	01	5	2	Cu	15.1	16	59	8	dr.
HELWAN	140	6	7	01	1	2	AC	14.6	18	52	8	0
FAIYUM	00	0	35	01	2	5	Ns	14.7	16	68	10	0
MINYA	150	2	8	00	2	0	—	14.7	13	77	9	0
ASYUT MANQABAD	120	2	10	02	1	6	AC, Ci	15.5	18	60	10	0
NAG HAMMADI	00	0		02	0	4	Cb, AC	16.2	16	68	10	0
QENA	00	0	7	00	0	0	—	16.8	17	68	11	0
LUXOR	180	10	12	00	0	0	—	15.5	18	56	9	0
ASWAN	00	0	15	00	0	0	—	15.2	24	26	3	0
SIWA	280	3	8	13	9	5	Ns, AC	10.7	15	63	8	dr.
BAHARIYA	00	0	15	02	1	4	AC	14.2	17	52	7	0
FARAFRA	130	2	7	03	2	5	Cu	14.0	16	42	3	0
DAKHLA	100	9	15	01	1	2	Ci	14.6	17	26	-3	0
KHARGA	00	0	15	00	1	0	—	14.8	19	30	1	0
SUEZ	180	5	15	01	0	1	Cu	15.9	20	83	17	0
TOR	140	19	15	03	2	7	Sc	16.0	21	65	14	0
HURGHADA	180	5	10	02	2	6	AC	16.0	21	69	15	0
QUSEIR	120	13	15	01	1	3	AC	17.0	23	74	18	0
PORT SUDAN	340	9	30	01	0	1	AC	16.1	24	65	17	0
WADI HALFA	100	7	30	01	0	0	—	14.0	22	33	5	0
ABU HAMAD	60	0	30	01	0	0	—		23	36	7	0
KAREIMA												
ATBARA	20	4	30	02	0	0	—	11.2	25	32	7	0
KHARTUM	350	5	30	02	0	0	—	10.9	25	28	5	0
KASSALA	360	3	30	02	0	0	—	9.6	22	44	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	8	30	02	0	0	—	10.3	24	22	1	0
EL FASHER	00	0	30	02	0	0	—		24	32	6	0
GENEINA	20	2	30	02	0	2	Ci		23	32	5	0
MALAKAL	20	8	30	02	0	0	—	7.9	27	33	9	0
WAU	00	0	10	04	0	0	—	7.9	27	37	11	0
JUBA												

At 0600 on Saturday 3rd January, 1953

Wind 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
270	3	15	00	0	0	—	8.7	-9.0	13	23	+4	11	+2	44	1	0	15		SALUM
200	3	8	10	0	0	—	9.5		10	23		9		50	0	dr.	79		SIDI BARANI
210	9	18	02	0	1	AC	9.8	-8.8	10	22		9		58	2	dr.	31		MATRUH
160	15	15	02	1	4	Cb	10.7		13	22		8		55	4	0	69		EL DABA
130	16	50	03	2	6	Sc, AC	12.4	-6.6	13	23	+4	11	0	77	9	dr.	54	101	ALEXANDRIA
140	8	12	03	1	4	AC	11.8	-6.2	12	23	+3	10	0	88	10	0.5	49	73	Alex (Airport)
140	5	7	01	0	1	AC	13.9	-4.1	17	22	+3	14	+5	77	13	0	8	42	DAMIETTA
120	19	14	03	0	3	AC, Cs	14.8	-3.2	17	22	+4	16	+4	60	9	0	28		PORT SAID
140	7	18	03	2	6	Sc, Cu	16.3	-2.3	12	26		10		67	6	0	6		EL ARISH
130	9	15	02	1	7	AC	13.5	-5.9	11	23	+3	9	+1	77	7	0	11	38	DAMANHUR
140	5	35	02	1	3	As	15.8	-2.8	13	23	+3	9	+1	94	12	0	19	16	MANSURA
180	8	35	03	1	7	Cu, Sc	13.5	-5.6	14	23	+3	11	+4	77	10	0	2	14	TANTA
00	0	35	02	1	6	Sc	13.8	-5.3	15	24	+4	9	+2	88	13	0	8	10	ZAGAZIG
140	2	35	03	2	8	AC, Ci	14.7		17	26		11		60	9	0	16		ISMAILIA
70	16	15	02	0	4	AC, Ci	14.3?		18	24		16		73	13	0	4		Cairo (Airport)
130	6	12	03	1	5	AC	13.3	-5.7	19	24	+5	17	+8	60	11	0	4		ALMAZA
00	0	12	02	1	4	Cu, AC	13.6	-5.8	14	25	+5	13	+5	67	8	dr	14	9	EZBEKIYA
00	0	12	02	1	4	Cu, AC	13.5	-6.1	13	25	+6	10	+4	67	7	dr.	41	10	GIZA
140	3	7	01	1	5	AC, Cc	13.8	-5.8	18	23	+4	17	+8	52	8	0	3	9	HELWAN
180	6	35	02	2	5	St	13.6	-5.8	16	24	+3	9	+2	68	10	0	13	3	FAIYUM
160	4	8	01	2	3	AC	14.7	-5.5	12	20	0	11	+6	82	9	0	1		MINYA
150	4	12	00	0	7	AC, Cs	15.5	-4.7	17	23	+2	10	+3	64	10	0	0		ASYUT MANQABAD
00	0		03	2	6	Cu, Sc	17.8	-2.0	16	27	+5	10	+4	59	8	0	0		NAG HAMMADI
00	0	15	03	1	6	Ci	17.0	-2.0	17	28	+5	13	+6	77	13	0	0		QENA
										28									LUXOR
00	0	50	01	1	3	Ci	17.4	1.6	17	28	+4	14	+3	60	9	0	0		ASWAN
00	0	14	03	0	1	AC	10.6	10.1	6	23	+3	4	0	76	2	dr.	1	5	SIWA
130	5	35	03	2	6	AC	14.2	-6.1	19	24	+4	14	+9	46	7	0	dr.	4	BAHARIYA
20	1	35	01	2	4	Cu, AC	14.2		10	24		8		62	3	0	0		FARAFRA
90	11	35	01	2	8	Ci	16.2	-4.4	10	25	+3	8	+3	50	0	0	0		DAKHLA
00	0	35	02	2	8	Ns	16.4	-3.0	16	26	+3	11	+4	59	8	0	0		KHARGA
180	5	35	00	0	6	Cu, Ci	16.0	-2.9	20	24	+4	13	+3	64	13	0	31	9	SUEZ
40	5	15	03	2	8	As	17.8	-0.2	17	26	+5	11	+2	68	11	0	0	7	TOR
00	0	18	02	2	7	Cu, As	17.3	-0.2	18	25	+4	14	+3	73	13	0	dr		HURGHADA
330	2	15	03	1	5	AC	17.5	-0.1	19	25	+2	18	+4	73	14	0	dr.	4	QUSEIR
										28									PORT SUDAN
										30									WADI HALFA
										30									ABU HAMAD
50	4	30	03	0	1	Cs	13.7		18	30		14		56	9	0			KAREIMA
40	5	30	02	0	0	—	12.8		19	31		15		60	11	0			ATBARA
										31									KHARTUM
30	3	30	02	0	0	—	11.1		24	35		17		65	17	0			KASSALA
50	5	35	02	0	0	—	11.7		20	33		12		56	11	0			WAD MEDANI
360	9	35	02	0	2	AC, Cs	13.0		20	35		14		49	18	0			RENK
50	2	35	02	0	0	—	12.8		20	36		14		14	-9	0			ROSEIRES
40	4	30	05	0	3	Ci	12.9		19	30		11		30	1	0			EL OBEID
00	0	30	03	1	6	Cs			15	32		10		42	2	0			EL FASHER
70	4	30	02	2	7	Ci			16	35		12		28	-3	0			GENEINA
30	6	30	02	0	0	—	11.5		23	38		19		27	3	0			MALAKAL
00	0	10	04	0	2	Ci			24	38		19		65	17	0			WAU
20	2	30	04	2	7	Sc, Cu	13.6		24	37		23		84	21	7			JUBA

HUMIDITY % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	46	-20
Ezbekiya	45	-24
Giza	52	-22
Helwan	36	-22

GIZA
GRASS MINIMUM TEMP. on 3rd. 7.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At (no entries)

Remarks

RAWINSONDE — Cairo AIRPORT, On 2nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	122	22		190	24
950					
900					
850	1512	14		190	9
800					
700	3122	5		220	23
600					
500	5696	-14		250	48
400	7437	-25		250	82
300	9239	-42		250	85

(Two further RAWINSONDE AIRPORT columns — On, At — blank.)

UPPER WIND OBSERVATIONS on 2nd

Station	Alex. A.P.		Port Said		El Arish		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada		Minya			
Time	14		14		14		14		14		14		14		14		14		14		14		20			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	200	17	150	11	210	13	60	19	130	20	300	7	120	10	170	19	170	17	190	9	180	16	180	21		
600	200	16	170	12	200	14	70	20	160	15	10	4	100	13	170	22	170	20	190	16	130	21	180	27		
1000	200	17	180	14	190	15	180	25	170	20	40	7	100	13	190	26	180	20	190	15	150	29	180	24		
1500	220	19	220	27	170	15	180	21	150	16	10	12	40	4	230	32	190	21	150	16	150	3	190	29		
2000			200	19	180	14	210	23	190	10	20	8			240	36										
3000					220	16	180	19			250	10														
4000					250	23																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sidi Barani		Matruh		Alex. (Nouzha) Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time	8		5				4		3		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	180	5	320	8			160	9	250	15	190	11	150	23	150	32					130	6		
600	270	4	320	8			160	8	120	19	170	26	160	25	150	30					130	9		
1000	260	9	280	8			150	8	80	12	190	36	180	19	160	30					130	24		
1500	220	12	210	15			170	6	100	8	200	25	180	30	180	28					100	55?		
2000	200	23	200	33					200	13	190	12			200	15								
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		4				4		6		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	8			140	18	160	5																
600	120	5			160	38	160	16			90	19	90	13	70	18							30	27
1000	230	9			170	32	170	25			80	15	90	15	80	12			50	15	360	8	30	29
1500	220	34			190	60	210	18			70	13	80	9	110	10					230	1	20	3
2000	210	37					180	19											290	3				
3000	220	37									60	21	60	21	30	12			40	9	50	13	340	4
4000																			80	4				
5000											100	8			360	4					160	16		
6000											190	13	60	5	60	5			130	9				
7000																								
8000																								

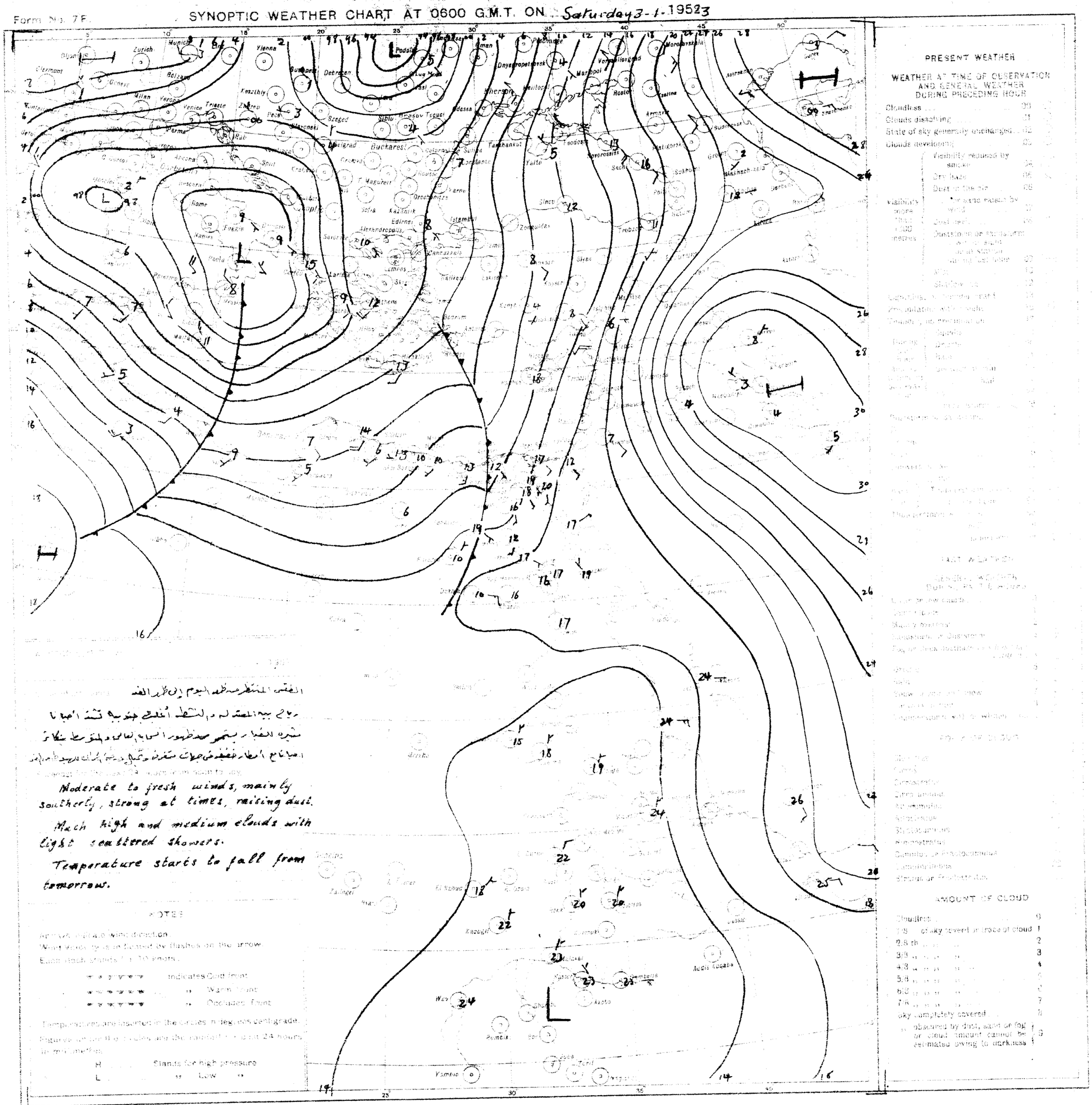
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 3-1-1953



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 7F

DAILY WEATHER REPORT

Date : Sunday 4th January, 1953

At 1200 on Saturday 3rd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
62300	SALUM	180	3	35	00	0	2	AC	6.4	24	30	5
303	SIDI BARANI	140	10	12	02	0	1	CC	6.2	22	16	-5
306	MATRUH	100	8	18	02	0	1	AC	6.6	22	31	4
309	EL DABA	200	7	35	01	1	1	Cu	8.9	24	26	3
	ALEXANDRIA	180	17	7		9			9.8	26	30	7
318	Alex. (Airport)	210	13	8	07	1	0	—	9.5	26	35	9
330	DAMIETTA	140	2	35	03	1	3	Cu	10.7	23	74	18
333	PORT SAID	140	22	1.2	07	1	9		11.6	23	65	16
336	EL 'ARISH	250	3	30	03	2	7	Sc, AC	11.2	24	44	11
339	DAMANHUR	230	19	7	02	0	0	—	10.8	26	42	12
342	MANSURA	270	5	35	03	2	4	Cu	11.0	24	47	12
348	TANTA	180	2	35	03	2	6	Cu	11.4	24	54	14
354	ZAGAZIG	40	1	50	01	1	3	Sc	11.4	25	54	15
440	ISMAILIA	180	13	35	03	1	5	AC	11.9	22	65	15
366	Cairo (Airport)	220	20	12	06	2	7	AC	11.7	27	27	6
372	ALMAZA	200	16	4	07	2	7	AC	11.5	26	48	14
	EZBEKIYA	250	4	8	06	1	4	Cu, AC	11.0	28	35	11
	GIZA	250	4	8	06	1	4	Cu, AC	11.1	28	33	10
378	HELWAN	160	16	3	30	4	6	AC	11.4	27	33	9
381	FAIYUM	180	1	35	01	1	3	Ci	10.8	27	42	13
387	MINYA	160	15	8	02	2	6	AC	11.3	25	45	12
393	ASYUT MANQABAD	140	16	14	02	1	5	AC	12.1	26	40	11
399	NAG' HAMMADI	160	2	7	02	0	1	AS, CS	13.8	25	42	11
402	QENA	130	1	50	02	1	7	CS	13.9	27	52	16
405	LUXOR	140	13	30	02	1	4	AC	13.4	28	25	6
414	ASWAN	110	3	50	01	1	3	Cc	12.6	29	29	9
417	SIWA	160	3	14	03	1	5	Sc, AC	8.3	20	33	3
420	BAHARIYA	180	6	35	01	2	3	AC	10.0	29	35	12
423	FARAFRA	180	3	15	32	3	0	—	9.8	28	27	7
432	DAKHLA	160	19	35	00	0	0	—	11.0	29		
435	KHARGA	180	4	35	01	2	4	Cc	11.5	28	33	10
450	SUEZ	180	10	50	02	0	6	Cu, Ci	11.5	23	65	16
459	TOR	140	9	15	03	2	8	Cu, AS	14.4	25	47	13
462	HURGHADA	210	17	30	02	2	7	Sc, AS	14.7	25	54	15
465	QUSEIR	90	5	15	03	2	8	Cu, AS	15.6	24	74	19
641	PORT SUDAN											
600	WADI HALFA											
640	ABU HAMAD											
660	KAREIMA											
680	ATBARA											
721	KHARTUM											
730	KASSALA	310	3	30	02	0	0	—	5.7	35	29	14
751	WAD MEDANI											
801	RENK											
802	ROSEIRES											
771	EL OBEID	120	3	30	03	1	5	CS	7.0	32	15	2
760	EL FASHER	360	4	18	02	2	3	Ci		31	26	9
770	GENEINA	270	3	30	02	2	6	CS		34	12	1
840	MALAKAL	180	4	30	03	1	4	AC	5.9	36	12	2
880	WAU											
841	JUBA											

At 1800 on Saturday 3rd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
62300	SALUM	150	5	15	05	0	0	—	0.8	17	56	8	0
303	SIDI BARANI	270	10	18	01	1	0	—	6.6	17	42	4	0
306	MATRUH	220	2	14	00	1	0	—	6.3	15	48	4	0
309	EL DABA	190	8	7	00	0	0	—	7.1	16	42	3	0
	ALEXANDRIA	130	19	35	00	0	0	—	9.0	21	50	10	0
318	Alex. (Airport)	160	15	8	07	0	0	—	8.6	20	56	11	0
330	DAMIETTA	40	2		01	0	0	—	12.0	20	83	17	0
333	PORT SAID	130	28	6	02	0	0	—	12.0	21	69	15	0
336	EL 'ARISH	150	2	14	01	2	2	Cu, Sc	12.8	22	44	9	0
339	DAMANHUR	230	13	15	02	0	0	—	10.4	17	60	9	0
342	MANSURA	140	5		00	1	0	—	10.8	18	83	15	0
348	TANTA	180	2	35	02	1	0	—	10.8	20	64	13	0
354	ZAGAZIG	00	0	35	02	1	0	—	11.1	19	83	16	0
440	ISMAILIA	140	13	35	01	0	0	—	12.2	20	83	17	0
366	Cairo (Airport)	150	8	12	00	0	0	—	11.3	22	36	6	0
372	ALMAZA	160	11	12	00	0	0	—	11.2	23	38	8	0
	EZBEKIYA	00	0	12	00	1	0	—	10.8	20	53	10	0
	GIZA	00	0	12	00	1	0	—	11.1	19	52	9	0
378	HELWAN	140	13	3	05	0	0	—	11.5	23	38	8	0
381	FAIYUM	00	0	35	01	1	2	Ci	11.0	21	50	10	0
387	MINYA	150	7	8	00	1	0	—	11.5	19	56	10	0
393	ASYUT MANQABAD	130	9	8	03	1	5	AC	12.6	23	38	8	0
399	NAG' HAMMADI	00	0		02	0	5	Cb, Ac	13.9	20	60	12	0
402	QENA	00	0	7	02	1	6	Ci	14.2	19	64	12	0
405	LUXOR	00	0	12	00	1	0	—	14.0	20	53	10	0
414	ASWAN	00	0	15	00	0	0	—	14.3	26	30	7	0
417	SIWA	310	10	8	00	0	0	—	10.6	16	30	-2	0
420	BAHARIYA	180	2	15	02	2	7	Ac	10.7	21	50	10	0
423	FARAFRA	200	2	15	00	3	0	—	10.7	22	44	9	0
432	DAKHLA	160	9	15	01	1	2	Ci	12.7	21	14	-8	0
435	KHARGA	180	1	15	01	2	3	CS	13.6	23	24	1	0
450	SUEZ	180	13	15	01	0	0	—	12.8	21	74	16	0
459	TOR	140	19	15	03	2	8	AC	14.3	23	61	15	0
462	HURGHADA	150	12	12	01	1	3	AS	15.3	23	69	17	0
465	QUSEIR	120	13	15	01	1	4	AC	16.3	24	74	19	0

(No 1800 entries for the Sudan stations.)

At 0600 on Sunday 4th January, 1953

Station	Wind 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	Rainfall Total from ...	Rainfall Normal from ...
SALUM	220	5	15	00	0	0	—	14.2	-3.5	9	24	+5	7	-2	34	-6	0	15	
SIDI BARANI	220	11	14	02	0	0	—	14.8		9	22		9		40	-4	0	79	
MATRUH	220	16	18	00	0	0	—	14.9	-3.7	9	22		8		67	3	0	31	
EL DABA	270	12	15	00	0	0	—	16.1		19	25		9		67	4	0	69	
ALEXANDRIA	270	32	50	01	2	3	Ci	17.0	-2.0	15	26	+7	13	+2	48	4	0	54	103
Alex. (Airport)	220	15	10	07	0	0	—	16.7	-1.2	15	26	+7	14	+4	55	6	0	49	74
DAMIETTA	200	2	7	00	0	0	—	16.6	-1.4	12	24	+5	9	0	63	5	0	8	43
PORT SAID	220	22	5	02	0	0	—	17.5	-0.5	15	23	+5	14	+2	59	7	0	28	
EL 'ARISH											27								
DAMANHUR	270	13	7	02	0	0	—	17.6	-1.0	11	27	+7	9	+1	51	1	0	11	39
MANSURA	270	9	35	00	0	0	—	17.9	-0.6	11	26	+6	10	+2	63	4	0	19	17
TANTA	220	8	35	02	0	0	—	18.2	-0.9	11	25	+5	9	+2	63	4	0	2	14
ZAGAZIG	140	1	35	02	0	0	—	18.2	-0.9	11	27	+7	10	+3	63	4	0	8	10
ISMAILIA	250	9	35	01	0	0	—	18.8		14	24		12		36	-1	0	16	
Cairo (Airport)	250	14	15	05	0	0	—	19.9		13	28		12		41	0	dr.	4	
ALMAZA	230	11	7	05	0	0	—	19.4	+0.4	13	28	+9	12	+3	41	0	0	4	
EZBEKIYA	00	0	4	05	0	0	—	20.0	+0.6	13	28	+8	12	+4	36	-2	0	14	9
GIZA	00	0	4	05	0	0	—	19.9	+0.3	12	29	+10	11	+5	44	0	0	41	10
HELWAN	70	3	5	05	0	0	—	20.3	+0.7	13	27	+8	12	+3	34	-3	0	3	9
FAIYUM	00	0	35	02	9?	0	—	20.4	+1.0	12	28	+7	10	+4	55	3	dr.	13	3
MINYA	330	2	8	03	2	3	AC	20.4	+0.5	10	26	+6	10	+5	58	2	0	1	
ASYUT MANQABAD	270	2		10	0	6	Ac, Cs	20.4	+0.2	14	26	+5	13	+6	39	0	0	0	
NAG' HAMMADI	00	0	3	03	2	6	Cb, As	19.1	-0.7	17	25	+3	13	+7	60	9	0	0	
QENA	00	0	15	03	1	6	Ci	19.2	+0.2	20	27	+4	15	+8	83	17	0	0	
LUXOR											29								
ASWAN	00	0	50	03	2	4	AS	18.0	-1.4	21	32	+9	17	+6	57	12	0	0	
SIWA	00	0	3	10	0	0	—	19.1	-1.6	6	23	+3	5	+1	57	-2	0	1	5
BAHARIYA	320	2	35	02	0	0	—	20.7	+0.4	11	29	+9	9	+4	51	1	0	dr.	4
FARAFRA	40	1	15	02	0	0	—	20.7		11	29		8		51	1	0	0	
DAKHLA	340	25	7	32	4	0	—	19.9	-0.7	15			9	+4	20	-8	0	0	
KHARGA	20	2	3	07	2	6	AC	19.4	±0	16			15	+8	77	12	0	0	
SUEZ	310	5	35	00	0	0	—	19.6	+0.7	17	24	+4	14	+4	26	-3	0	31	9
TOR	90	9	15	02	2	8	As	18.4	+0.4	18?	26	+5	15	+6	68	12	0	0	7
HURGHADA	00	0	30	02	2	7	Sc	18.3	+0.8	20	26	+5	18	+8	78	16	0	dr	
QUSEIR	330	5	15	03	1	6	As, Ci	17.5	-0.2	21	26	+3	18	+4	74	16	0	dr.	4
PORT SUDAN	340	4	30	02	2	5	CS	16.7		26	30		20		89	24	0		
WADI HALFA	00	0	30	02	0	1	CS	17.0			31				28	6	0		
ABU HAMAD	20	4	30	02	0	0	—			22	31		18		69	16	0		
KAREIMA	360	2	30	02	0	0	—	14.4		27	32				74	22	0		
ATBARA	30	5	30	02	0	0	—	13.9			33						0		
KHARTUM	20	3	30	02	0	1	AS, CS	13.7		21	30				47	9	0		
KASSALA																			
WAD MEDANI																			
RENK																			
ROSEIRES	310	2	35	02	0	0		14.0		21			16		57	12	0		
EL OBEID	20	2	10	05	1	5	—	13.7		20	34		13		35	4	0		
EL FASHER	00	0	30	02	0	2	Ci			15	33		10		32	-2	0		
GENEINA																			
MALAKAL	00	0	30	02		0	—	12.7		24	37		18		50	12	0		
WAU																			
JUBA	100	5	30	03	0	6	Ac, Ci	13.1		24	30		21		74	19	19		

HUMIDITY
Mean of day

Station	on 3rd	Diff. from normal
Alexandria	56	-10
Ezbekiya	53	-16
Giza	57	-17
Helwan	40	-18

GIZA
GRASS MINIMUM TEMP.
On 4th 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

Cairo Airport — On 3rd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	105	25		200	12
950					
900					
850	1508	15		170	23
800					
700	3127	7		120	32
600					
500	5806	-11		210	52
400	7487	-22		240	68
300	9546	-37		240	98

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

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

UPPER WIND OBSERVATIONS on 3rd

Station	Matruh		Port Said		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		Almaza		Minya		Alex. A.P.		Almaza	
Time	14		14		14		14		14		14		14		14		14		14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	140	9	180	19	160	35	140	19	140	8			180	22	180	16	140	18	190	22	160	61	190	29	180	37
600	150	11	200	16	160	43	160	30	120	6	250	10	180	24	180	18	140	24	190	29	170	62			180	45
1000	170	18	210	19	170	49	170	29	120	9	230	18	180	24	180	17	140	25	190	23	130	54			200	45
1500			210	23	180	43	280	16	110	14	260	21	180	44	160	10	160	23	180	27	220	36			210	44
2000							220	31	190	10	250	29			160	18	180	26								
3000							220	35			210	43					210	16								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time	8		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	270	29	250	23					270	22	260	3	350	6	360	8					120	13		
600	270	31	260	27					280	20	270	13	330	11	10	16					140	11		
1000	270	28	260	17					290	21	240	14	300	12	10	16					140	9		
1500			20	29							230	30	250	10	270	8					230	3		
2000			310	29									220	19							140	9		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	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	260	17	40	15	350	27	20	25																
600	280	20	50	12	360	41?	20	25																
1000	290	21	50	11	360	70?	30	26																
1500	280	21	30	14																				
2000	270	23																						
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.

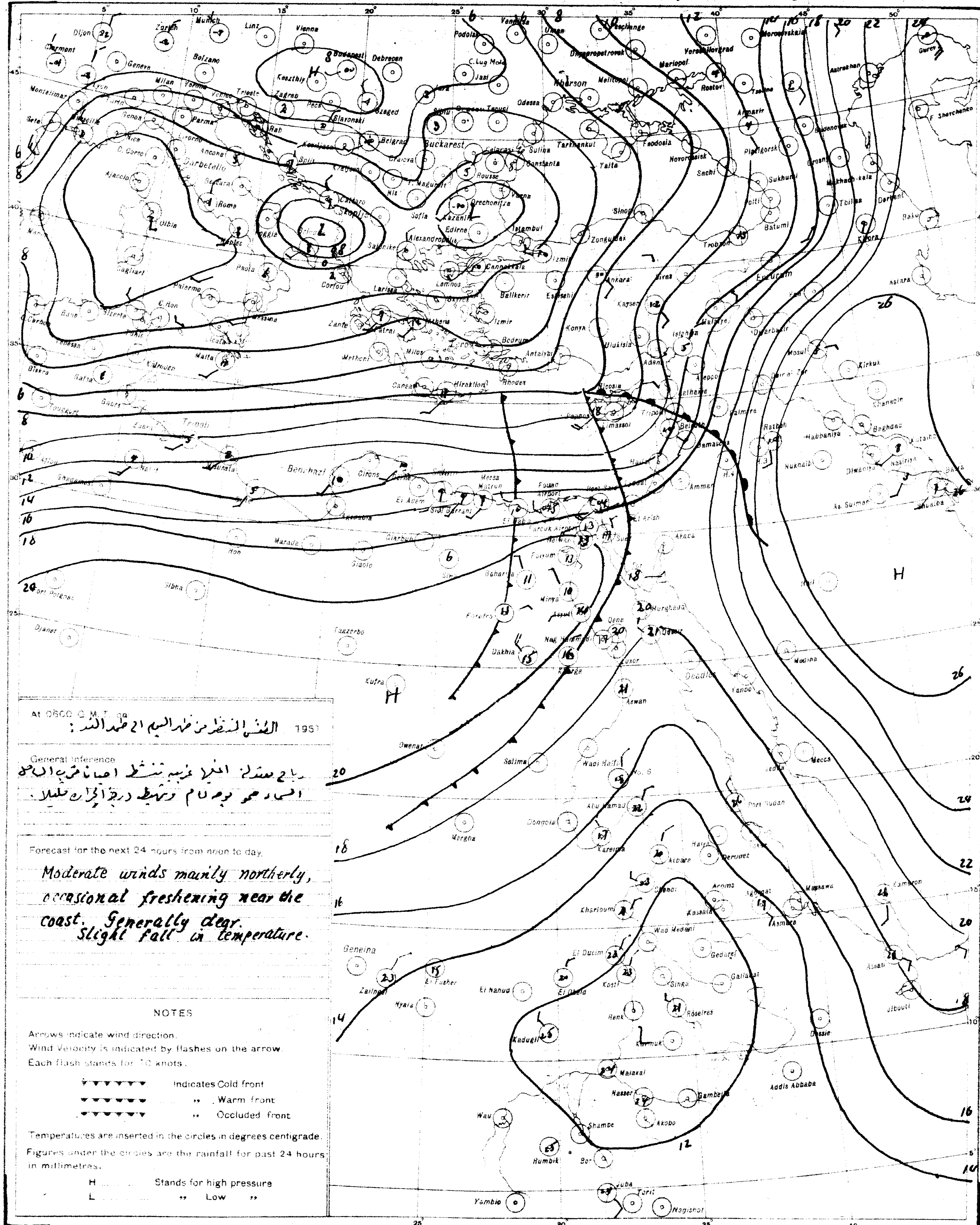
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4.1 1952



SCALE 1:15,000,000

At 0600 G.M.T. on ... 1952 الطقس المنتظر من ظهر اليوم الى ظهر الغد :

General Inference
رياح معتدلة اغلبها شمالية تنشط احيانا قرب السواحل
السماء صحو بوجه عام وتنخفض درجة الحرارة قليلا .

Forecast for the next 24 hours from noon to day.

Moderate winds mainly northerly, occasional freshening near the coast. Generally clear. Slight fall in temperature.

NOTES

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

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

Temperatures are inserted in the 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 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: Monday 5th January, 1953

At 1200 on Sunday 4th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
62300	SALUM	200	4	35	00	0	0	—	15.8	18	46	6
302	SIDI BARANI	230	12	18	02	0	0	—	16.0	18	28	-1
306	MATRUH	240	13	14	00	0	0	—	16.4	18	28	-1
309	EL DABA	250	11	35	00	0	0	—	17.6	19	35	3
	ALEXANDRIA	240	18	50	00	0	0	—	18.4	16	49	5
318	Alex. (Airport)	250	15	12	05	0	0	—	18.5	17	42	4
330	DAMIETTA	320	5	35	02	0	0	—	18.3	18	52	8
333	PORT SAID	260	14	30	01	0	0	—	18.0	19	49	8
336	EL ARISH											
339	DAMANHUR	310	13	15	02	0	0	—	18.4	19	37	4
342	MANSURA	320	5	35	00	0	0	—	17.8	19	37	4
343	TANTA	220	5	35	02	0	0	—	18.0	18	37	3
354	ZAGAZIG	320	1	50	02	0	0	—	18.7	19	37	4
441	ISMAILIA	210	2	35	02	0	0	—	18.2	19	30	1
366	Cairo (Airport)	270	10	8	05	0	0	—	18.6	18	32	1
372	ALMAZA	270	8	10	05	0	0	—	18.8	17	30	-1
	EZBEKIYA	300	3	18	00	0	0	—	19.4	18	24	-3
	GIZA	300	3	18	00	0	0	—	19.4	20	24	-1
378	HELWAN	270	1	7	02	0	0	—	19.7	17	18	-8
381	FAIYUM	00	0	35	02	0	0	—	19.1	19	37	4
387	MINYA	340	7	12	00	1	0	—	18.8	19	28	0
393	ASYUT MANGABAD	330	7	10	02	1	4	Ci	17.0	21	15	-7
399	NAG HAMMADI	00	0	7	02	0	4	St, AC	16.7	24	47	12
402	QENA	320	1	50	02	1	4	Ci	15.2	29	59	20
405	LUXOR	260	2	30	01	1	1	Cu	15.1	28	49	16
414	ASWAN	290	3	50	01	1	3	As	13.4	29	66	22
417	SIWA	260	7	5	06	0	0	—	19.5	17	22	-5
420	BAHARIYA	320	3	35	02	0	0	—	19.4	17	42	4
423	FARAFRA	360	1	15	02	0	0	—	20.4	18	28	-1
432	DAKHLA	340	26	1.5	35	2	0	—	17.2	21	14	-8
435	KHARGA	20	6	7	02	2	3	AC	16.4	22	16	-5
450	SUEZ	60	4	50	02	0	0	—	17.4	22	21	-1
459	TOR	310	9	35	01	2	6	AC	16.8	24	69	18
462	HURGHADA	80	1	18	01	2	5	Ac	16.3	26	70	20
465	QUSEIR	90	5	15	02	1	6	AC	15.5	25	74	20
641	PORT SUDAN	90	8	30	02	1	4	Cu	13.3	29	70	23
600	WADI HALFA	350	4	30	02	0	4	Ci	11.8	30	35	13
640	ABU HAMAD	00	0	30	03	0	1	Cu		33	32	14
660	KAREIMA	40	5	30	02	0	0	—	9.4	33	24	10
680	ATBARA	40	7	30	02	0	0	—	7.8	34	25	11
721	KHARTUM	50	2	30	01	0	0	—	7.7	33	23	9
750	KASSALA	310	1	30	02	0	0	—	6.4	36	20	10
751	WAD MEDANI	270	5	35	02	0	0	—	5.4	35	18	7
801	RENK											
802	ROSEIRES	350	2	35	02	0	0	—	6.3	36	5	-9
771	EL OBEID	20	4	30	01	0	0	—	7.5	33	13	1
760	EL FASHER	360	2	30	03	0	1	Ci		33	23	9?
770	GENEINA	80	10	30	03	0	1	Ci		34	6	-9?
840	MALAKAL	360	3	30	03	0	1	AC	7.1	35	20	9
880	WAU	40	5	10	04	1	4	Cu	5.4	35	32	16
941	JUBA	20	7	30	01	2	5	Cu, Ci	6.3	35	37	18

At 1800 on Sunday 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM	220	4	15	02	0	2	Sc	17.0	14	67	8	0
SIDI BARANI	200	6	14	02	0	0	—	17.6	12	22	-9	0
MATRUH	200	9	10	00	0	0	—	18.5	10	30	-7	0
EL DABA	220	5	7	00	0	0	—	19.2	10	67	4	0
ALEXANDRIA	180	10	35	00	0	0	—	20.3	13	44	1	0
Alex. (Airport)	210	5	10	05	0	0	—	20.5	12	67	6	0
DAMIETTA												
PORT SAID	220	8	8	02	0	1	SC	20.2	15	63	8	0
EL ARISH	00	0	14	00	1	0	—	19.6	15	68	9	0
DAMANHUR	310	9		02	0	0	—	20.4	12	63	5	0
MANSURA	320	3		00	0	0	—	20.2	12	55	3	0
TANTA	220	2	35	02	0	0	—	19.4	9	88	7	0
ZAGAZIG	00	0	35	02	0	0	—	19.8	11	77	7	0
ISMAILIA	290	2	35	02	0	0	—	20.2	13	55	4	0
Cairo (Airport)	90	6	8	05	0	0	—	20.9	13	48	2	0
ALMAZA	40	4	10	00	0	0	—	20.2	13	51	3	0
EZBEKIYA	00	0	10	00	0	0	—	20.2	14	45	2	0
GIZA	00	0	10	00	0	0	—	20.8	10	62	3	0
HELWAN	320	5	7	02	0	0	—	20.7	13	34	-3	0
FAIYUM												
MINYA	360	5	8	00	0	0	—	19.6	10	62	3	0
ASYUT MANGABAD	270	2	8	00	0	0	—	18.6	13	41	0	0
NAG HAMMADI	00	0		03	2	5	Cu, AC	17.1	16	59	8	0
QENA	270	2	7	02	1	3	Ci	16.8	19	52	9	0
LUXOR	200	4	12	00	1	0	—	16.0	20	53	10	0
ASWAN	00	0	15	00	0	0	—	14.8	26	55	16	0
SIWA	00	0	8	00	0	0	—	20.2	8	43	-4	0
BAHARIYA	00	0	15	02	0	0	—	21.0	9	47	-2	0
FARAFRA	320	5	7	02	0	0	—	21.1	11	41	-2	0
DAKHLA	340	9	35	00	0	0	—	18.4	15	20	-8	0
KHARGA	360	2	15	00	1	0	—	17.1	16	32	-1	0
SUEZ	310	5	15	02	0	0	—	19.5	15	39	1	0
TOR	310	9	15	02	0	0	—	17.9	22	57	13	0
HURGHADA	350	15	12	01	0	0	—	17.1	22	69	16	0
QUSEIR	120	5	15	01	1	3	Ci	16.8	25	74	20	0

At 0600 on Monday 5th January, 1953

Station	Wind 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 mms.		
SALUM	220	5	15	00	0	0	—	19.5	+1.8	9	20	+1	2?	-7	34	-6	0	15	
SIDI BARANI	210	8	12	02	0	0	—	20.2		6	18		4		36	-8	0	79	
MATRUH	200	12	18	01	0	1	Ci	21.2	+2.6	7	18		6		36	-7	0	31	
EL DABA	220	6	15	01	1	2	Cu	22.1		5	17		3		93	4	0	69	
ALEXANDRIA	270	10	50	03	1	3	Ci	21.9	+2.9	15	18	-1	10	-1	39	1	0	54	105
Alex. (Airport)	00	0	18	02	0	0	—	21.5	+3.6	9	18	0	7	-3	76	5	0	49	75
DAMIETTA	200	2	3	10	0	0	—	22.4	+4.4	9			7	-2	62	2	0	8	44
PORT SAID	240	8	6	05	0	1	Ci	22.6	+4.6	13	19 / 21	+1	11	-1	72	8	0	28	
EL ARISH																			
DAMANHUR	270	13	7	02	1	1	AC	21.8	+3.2	10	20	0	8	0	62	3	0	11	40
MANSURA	90	5	35	02	1	2	Cu	22.6	+4.1	6	20	0	6	-2	71	1	0	19	17
TANTA	220	2	35	01	1	1	Ci	21.7	+2.6	7	20	0	3	-4	57	-1	0	2	15
ZAGAZIG	00	0	35	02	1	2	Ci	22.4	+3.3	6	20	0	5	-2	71	1	0	8	10
ISMAILIA	200	2	35	03	2	8	Ci	22.8		8	20		5		58	0	0	16	
Cairo (Airport)	110	3	10	03	0	4	CS	23.2		9	18		6		54	0	0	4	
ALMAZA	90	3	12	01	1	3	Ci	22.7	+3.7	10	19	0	6	-3	44	-2	0	4	
EZBEKIYA	00	0	4	05	1	3	Ci	23.0	+3.6	9	20	0	6	-2	50	-1	0	14	9
GIZA	00	0	4	05	1	2	Ci	23.3	+3.7	4	21	+2	2	-4	81	1	0	41	10
HELWAN	20	5	7	05	1	3	Ci	23.6	+4.0	10	18	-1	8	-1	38	-4	0	3	9
FAIYUM	00	0	35	03	1	3	Ci	23.3	+3.9	7			4	-2	57	-1	0	13	3
MINYA	360	2	8	03	0	2	Ci	22.6	+2.4	5	20	0	2	-3	61	-2	0	1	
ASYUT MANGABAD	280	2	6	10	0	0	—	21.7	+1.5	7	21	0	6	-1	43	-5	0	0	
NAG HAMMADI	00	0		01	0	4	AS	20.6	+0.8	13	25	+3	10	+4	55	4	0	0	
QENA	270	2	15	03	1	4	Ci	19.6	+0.6	14	30	+7	11	+4	55	5	0	0	
LUXOR	00	0	30	03	0	3	Cu	18.8	-0.5	17	28		13		42	4	0	0	
ASWAN	360	4	50	00	0	0	—	18.4	-0.7	19	31	+8	17	+6	30	1	0	0	
SIWA	00	0	6	05	0	0	—	23.1	+2.4	0	18	-2	-2	-6			0	1	5
BAHARIYA	270	1	35	02	0	0	—	23.8	+3.5	4	18	-2	1	-4	52	-5	0	dr.	4
FARAFRA	00	0	15	02	0	0	—	23.4		5	22		1		38	-8	0	0	
DAKHLA	270	11	35	00	0	0	—	21.9	+1.3	9	26	+4	7	+2	34	-6	0	0	
KHARGA	360	5	3	07	0	0	—	20.8	+1.4	15	24	+2	12	+5	20	-8	0	0	
SUEZ	360	7	35	00	0	1	Cu	22.7	+3.8	9	23	+3	7	-3	71	4	0	31	9
TOR	360	5	35	02	0	0	—	20.4	+2.4	16	26	+5	11	+2	42	3	0	0	7
HURGHADA			10	02	1		Cs	19.5	+2.0	17	23	+2	16	+6			0	dr.	
QUSEIR	330	5	15	03	2	8	AS	18.2	+0.5	21	28	+5	20	+6	50	10	0	dr.	4
PORT SUDAN	360	8	30	01	1	3	Cu	16.4		26	29		24		84	23	0		
WADI HALFA	00	0	15	05	0	0	—	17.4		17	31		16		42	4	0		
ABU HAMAD	360	2	30	02	0	0	—			23	34		19		61	15	0		
KAREIMA	40	4	30	02	0	0	—	14.5		22	34		20		61	14	0		
ATBARA	360	10	30	02	0	0	—	13.7		23	34		19		65	16	0		
KHARTUM	360	10	30	02	0	0	—	12.9		23	35		19		47	11	0		
KASSALA	50	1	30	02	0	0	—	12.1		26	37		19		62	18	0		
WAD MEDANI																			
RENK																			
ROSEIRES	310	2	35	02	0	0	—	13.2		20	37		17		73	15	0		
EL OBEID	340	5	10	05	0	0	—	13.8		20	34		15		35	4	0		
EL FASHER	00	0	30	02	0	0	—			15	35		11		48	4	0		
GENEINA	60	2	30	01	1	0	—			17	35		13		26	-3	0		
MALAKAL	50	6	30	03	1	2	AC	12.1		24	37		17		30	5	0		
WAU	00	0	10	04	0	0	—	10.4		24	37		22		74	19	0		
JUBA	180	5	30	03	0	5	SC, AC	11.7		25	35		21		70	19	0		

HUMIDITY Mean of day

Station	4th	Diff. from normal
Alexandria	52	-14
Ezbekiya	36	-33
Giza	49	-25
Helwan	29	-29

GIZA Grass Minimum Temp. on 5th -2.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent On … At …

Remarks

RAWINSONDE

Cairo Airport On 4th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	171	16		340	4
950					
900					
850	1521	8		210	20
800					
700	3121	3		240	49
600					
500	5795	-12		240	90
400	7434	-26			
300	9454	-40			

Airport On … At … (no entries)

Airport On … At … (no entries)

UPPER WIND OBSERVATIONS on 4th

Station	Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		Port Said	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	240	11	270	10	260	10	310	22	330	4	350	10	320	16	360	4	240	16	30	9	10	16	10	7	280	10
600	240	10	270	11	270	9	290	13	280	4	340	12	350	12	340	4	240	16	20	10	10	20	10	4	300	7
1000	230	11	270	11	280	10	240	14	280	6	300	9	30	10	30	8	230	11	10	10	10	21	360	2	270	3
1500	250	23	240	9	310	10	250	9	240	26	320	7	210	7			260	23	20	10	350	20	140	2	220	20
2000			220	13	250	12	250	9			270	9	240	17	110	17	250	17							220	42
3000					180	29	180	18																		
4000					130	9																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		4		2		2		2		7 30		2		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	250	18	270	15	280	11	280	9	250	13	350	6	340	6	350	12							10	13
600	250	9	290	14	290	13	300	11	300	6	40	9	350	8	260	17							340	12
1000	280	9	290	14	290	10	310	6	30	4	10	7	350	6	350	16							30	7
1500	250	10			260	9	320	9	230	17	270	8	330	3	240	3							300	13
2000	250	22			250	7			210	21	240	18	350	8	220	14							300	13
3000									260	24	260	40	360	13									300	30
4000											260	39												
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						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	220	8	110	9	10	5	20	7	20	11														
600	220	9	100	10	30	9	10	26	50	13			70	14									20	23
1000	250	3	100	15	40	8	10	27	50	9	30	16	60	13					30		30	11	20	23
1500	250	8	120	10	20	3			60	2	30	14	50	13					30	7	70	11	50	11
2000	240	11	80	8	250	15			30	7	280	2							40	8				
3000	250	25							300	11	10	15	30	15					80	5	70	11	60	9
4000											90	1												
5000									330	12	260	7	280	8					130	11	140	5		
6000											260	13	270	11					330	7	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.

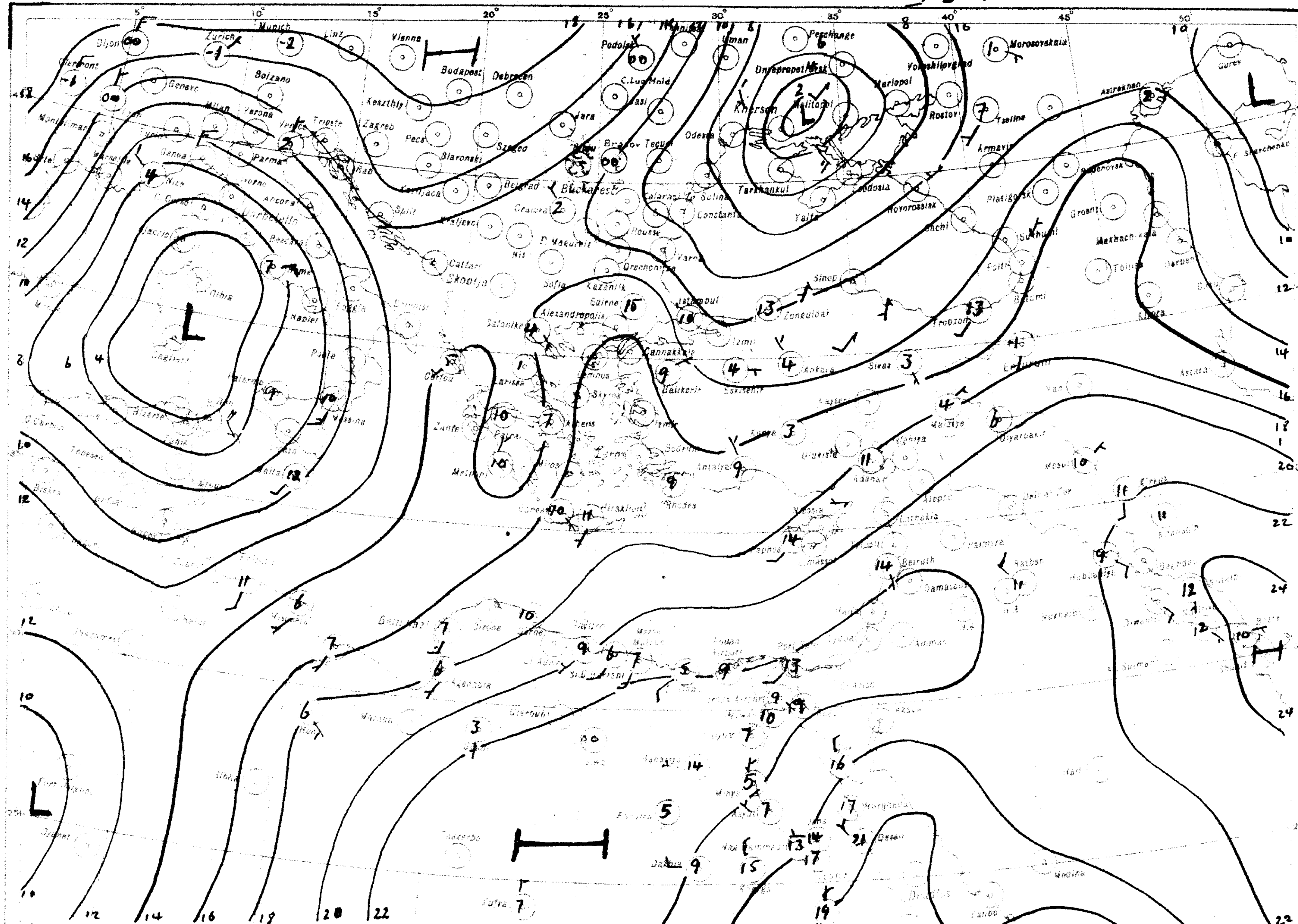
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 5-1-1953*



At 0600 G.M.T. on 1951

General forecast: الطقس المنتظر من ظهر اليوم الى ظهر الغد

رياح معتدلة أغلبها غربية قرب الساحل وشمالية في الداخل

بعض السحاب العالي والمتوسط قرب الساحل. ولا تغيير

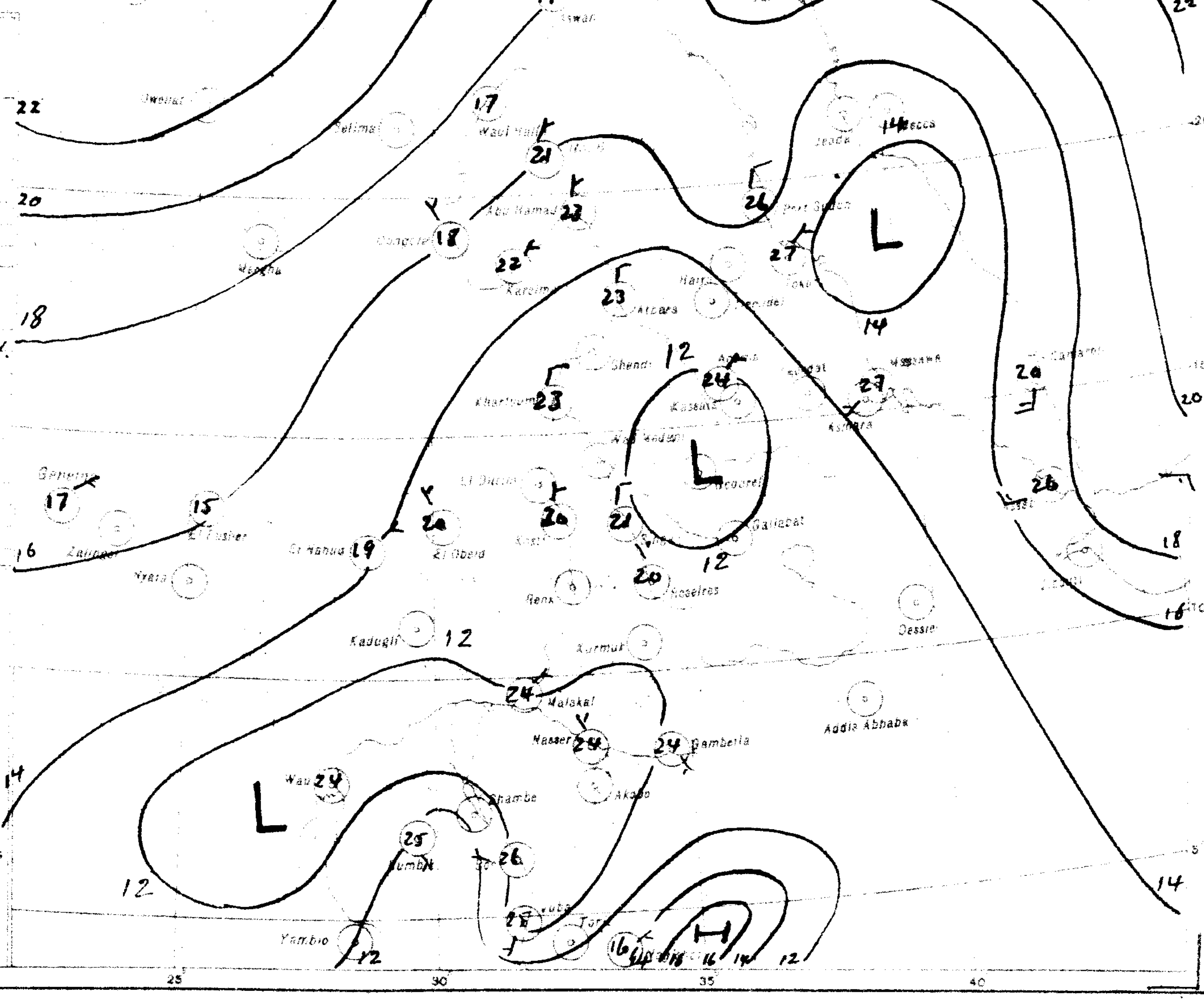
يذكر في درجة الحرارة.

Forecast for the next 24 hours from noon to day

Moderate winds mainly westerly near the coast and northerly inland.

Some high and medium cloud near the coast.

No appreciable change in temperature.



NOTES

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

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the 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		43
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 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.J.E. 949(49/551)(50/531)

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: Tuesday 6th January, 1953

At 1200 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
Salum	200	5	35	02	0	3	CS	18.8	18	12	-12
Sidi Barani	240	8	15	02	1	4	CS	19.1	18	12	-12
Matruh	260	5	18	03	1	4	CS	19.8	19	24	-2
El Daba	300	8	35	02	1	5	Cb	20.9	17	56	8
Alexandria	240	9	50	03	2	6	CC	20.8	18	37	3
Alex (Airport)	340	4	18	03	0	7	CS	20.6	18	46	6
Damietta	200	2	35	02	0	0	—	21.1	18	46	6
Port Said	240	6	30	02	0	1	Ci	21.0	18	46	6
El Arish	310	4	18	01	1	2	SC	19.6	16	59	8
Damanhur	40	5	15	02	1	2	Ci	20.8	19	30	1
Mansura	360	5	35	00	1	0	—	20.8	19	37	4
Tanta	310	2	35	02	0	0	—	21.2	18	37	3
Zagazig	00	0	50	02	1	0	—	20.3	18	46	6
Ismailia	20	2	35	01	0	0	—	20.6	18	37	3
Cairo (Airport)	40	6	18	03	0	1	Ci	20.0	17	39	3
Almaza	340	3	18	03	0	1	Ci	20.6	16	34	0
Ezbekiya	340	3	18	01	1	0	—	20.6	18	30	0
Giza	340	3	18	01	1	0	—	20.4	18	28	-1
Helwan	340	7	7	02	0	1	Ci	20.8	17	18	-8
Fayum	360	2	35	01	0	0	—	20.3	18	28	-1
Minya	350	8	12	00	0	0	—	20.2	18	32	1
Asyut Manqabad	350	8	8	02	0	1	Ci	19.0	20	19	-4
Nag Hammadi	290	1	7	01	0	2	AC	17.2	23	44	10
Qena	270	1	50	00	0	0	—	16.3	25	42	11
Luxor	00	0	30	01	0	1	Ci	15.6	27	40	12
Aswan	340	4	50	00	0	0	—	14.0	28	45	15
Siwa	240	3	6	05	0	0	—	22.0	18	24	-3
Bahariya	320	2	35	02	0	0	—	21.1	18	28	-1
Farafra	360	1	15	03	0	1	AC	21.9	16	24	-5
Dakhla	360	11	35	00	0	0	—	18.8	20	17	-6
Kharga	360	4	7	00	0	0	—	17.5	20	17	-6
Suez	360	9	50	01	0	0	—	19.8	17	34	1
Tor	310	9	35	02	0	0	—	17.1	21	65	14
Hurghada	350	19	10	02	0	0	—	16.6	21	61	13
Quseir	20	9	15	01	1	0	—	16.7	23	61	15
Port Sudan	50	10	30	01	1	1	Cu	13.3	29	66	22
Wadi Halfa	10	8	15	05	0	0	—	12.7	29	37	13
Abu Hamad	90	5	30	02	0	0	—		33	26	11
Kareima	20	4	30	02	0	0	—	9.7	33	32	14
Atbara	10	10	10	08	0	0	—	8.2	33	26	11
Khartum	20	4	30	02	0	0	—	7.7	34	22	9
Kassala	310	1	30	02	0	0	—	5.1	37	24	13
Wad Medani	360	5	35	02	0	0	—	6.7	36	19	9
Renk	310		35	02	0	2	AC		36	35	18
Roseires	310	2	35	02	0	0	—	4.9	37	20	11
El Obeid	30	8	30	02	0	0	—	7.3	33	17	5
El Fasher	60	4	50	02	0	1	Ci		33	23	9
Geneina	40	13	50	02	0	0	—		34	5	-10
Malakal	360	5	30	01	0	0	—	5.8	35	15	6
Wau	70	8	10	04	0	0	—	4.1	38	19	11
Juba	350	4	30	03	2	7	Cu, Ci	4.9	35	32	16

At 1800 on Monday 5th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms.
Salum	220	3	15	01	0	0	—	18.8	14	27	-5	0
Sidi Barani												
Matruh	180	10	10	01	2	0	—	19.8	10	35	-5	0
El Daba	280	3	7	01	1	1	Cu	20.9	9	62	2	0
Alexandria	00	0	35	00	0	0	—	21.5	14	55	5	0
Alex (Airport)	00	0	12	01	1	1	Ci	21.6	10	76	6	0
Damietta	220	2		02	0	0	—	20.8	12	77	8	0
Port Said	330	5	14	01	0	0	—	20.6	15	72	10	0
El Arish	00	0	14	00	2	0	—	20.9	13	51	3	0
Damanhur	360	9	7	02	0	0	—	21.5	11	71	6	0
Mansura	20	5		00	0	0	—	21.2	13	67	7	0
Tanta	00	0	35	02	0	0	—	21.0	11	77	7	0
Zagazig	00	0	35	02	0	0	—	21.6	11	82	8	0
Ismailia	40	5	35	01	0	0	—	21.4	12	55	3	0
Cairo (Airport)	70	4	12	00	1	0	—	20.7	12	67	6	0
Almaza	40	3	12	00	1	0	—	20.9	12	63	5	0
Ezbekiya	00	0	10	00	0	0	—	20.8	12	59	4	0
Giza	00	0	10	00	0	0	—	21.8	8	76	4	0
Helwan	340	2	7	02	0	0	—	21.5	12	55	3	0
Fayum	00	0	35	02	0	0	—	20.7	12	55	3	0
Minya	00	0	8	00	0	0	—	20.9	7	57	-1	0
Asyut Manqabad	270	7	6	00	0	0	—	20.7	11	47	0	0
Nag Hammadi	00	0		03	0	5	Cb, AS	17.4	16	59	8	0
Qena	270	1	7	00	0	0	—	17.1	17	52	7	0
Luxor												
Aswan	00	0	15	00	0	0	—	13.9	25	42	11	0
Siwa	190	2	8	00	0	0	—	21.2	10	28	-8	0
Bahariya	00	0	15	02	0	0	—	22.0	7	71	2	0
Farafra	00	0	7	02	0	0	—	21.9	11	30	-6	0
Dakhla	360	9	35	00	0	0	—	18.8	15	20	-8	0
Kharga	00	0	15	00	0	0	—	18.2	16	24	-5	0
Suez	360	4	15	02	0	0	—	20.6	14	27	-5	0
Tor	360	5	15	02	0	0	—	18.2	17	60	9	0
Hurghada	330	24	8	02	0	0	—	17.3	19	60	11	0
Quseir			7	02	0	0	—	15.9	21	65	14	0

At 0600 on Tuesday 6th January, 1953

Station	Wind 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.	Temperature Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity	Dew Point			
Salum	200	5	15	00	0	0	—	16.3	-1.4	11	19	0	3	-6	19	-12	0	15	
Sidi Barani	180	3	13	02	0	1	CS	17.4		6			1		33	-9	0	79	
Matruh	150	3	18	00	0	0	—	18.0	-0.6	7	19		5	-4	43	-5	0	31	
El Daba	00	0	7	00	0	0	—	19.8		5	18		3		70	0	0	69	
Alexandria	130	4	35	00	4	0	—	20.7	+1.7	12	19	0	10	-1	77	8	0	54	107
Alex (Airport)	00	0	10	02	0	0	—	20.5	+2.6	7	18	0	3	-7	97	7	0	49	77
Damietta	220	2	3	10	0	0	—	21.0	+3.0	13	19	0	6	-3	44	1	0	9	45
Port Said	50	5	10	03	0	1	SC	20.9	+2.9	15	18	0	12	0	77	11	0	28	
El Arish	170	2	18	00	0	0	—	20.0	+1.4	10	18		7		71	5	0	6	
Damanhur	130	9	7	02	0	0	—	20.4	+1.8	10	20	0	7	-1	76	6	0	11	40
Mansura	40	3	35	00	0	0	—	20.8	+2.3	7	19	-1	6	-2	87	5	0	19	18
Tanta	00	0	35	02	0	0	—	20.3	+1.1	6	19	-1	3	-4	87	4	0	2	15
Zagazig	00	0	7	10	4	0	—	20.3	+1.2	6	20	0	5	-2	87	4	0	8	10
Ismailia	20	2	35	02	0	0	—	20.6		8	20		4		88	6	0	16	
Cairo (Airport)	70	6	12	03	0	1	Ci	19.9		9	18		5		71	4	0	4	
Almaza	30	7	12	03	1	1	Ci	20.0	+1.0	8	17	-2	4	-5	76	4	0	4	
Ezbekiya	00	0	2	10	4	0	—	20.0	+0.6	8	19	-1	6	-2	71	3	0	14	9
Giza	00	0	2	10	4	0	—	20.3	+0.6	3	18	-1	2	-4	97	3	0	41	11
Helwan	20	3	7	02	1	2	Ci	19.9	+0.3	12	17	-2	9	0	83	5	0	3	10
Fayum	00	0	35	02	0	1	Ci	19.6	+0.2	7	19	-2	5	-1	87	5	0	13	3
Minya	00	0	8	00	0	0	—	19.2	-1.0	3	18	-2	0	-5	81	0	0	1	
Asyut Manqabad	270	2	8	00	0	2	AC	19.7	+0.5	6	20	-1	4	-3	61	-1	0	0	
Nag Hammadi	00	0		02	0	4	SC, AC	19.0	-0.8	12	24	+2	8	+2	55	3	0	0	
Qena	190	1	15	03	1	1	Ci	19.1	0.0	12	26	+3	8	+1	55	3	0	0	
Luxor	30	4	30	02	2	4	SC	13.8	-0.5	14			10		42	1	0	0	
Aswan	360	4	50	00	0	0	—	17.1	-2.0	18	29	+6	16	+5	20	-5	0	0	
Siwa	00	0	6	05	0	0	—	19.1	-1.6	2	19	-1	0	-4	60	-5	0	1	5
Bahariya	00	0	35	02	0	0	—	21.0	+0.7	4	18	-2	1	-4	52	-5	0	dr.	4
Farafra	130	1	35	02	0	0	—	20.4		2	20						0	0	
Dakhla	00	0	35	00	0	0	—	19.4	-1.2	6	21	-1	4	-1	42	-6	0	0	
Kharga	00	0	15	02	1	1	Ci	17.0	-0.4	11	21	-1	9	+3	30	-6	0	0	
Suez	360	6	35	00	0	0	—	19.5	+0.6	12	18	-2	7	-3	63	5	0	31	9
Tor	40	5	35	01	1	3	Ci	17.2	-0.8	12	22	+1	6	-3	63	5	0	0	7
Hurghada	320	11	10	05	0	2	Ac	17.1	-0.4	15	22	+1	11	+1	48	4	0	dr	
Quseir	330	9	15	02	0	0	—	17.2	-0.5	19	23	0	12	-2	46	7	0	dr.	4
Port Sudan	350	9	30	02	1	5	Cu, AC	15.3		26	29		23		84	23	0		
Wadi Halfa	00	0	10	05	0	0	—	15.5		17	31		15		28	-2	0		
Abu Hamad	70	3	30	02	0	0	—			22	34		19		74	17	0		
Kareima																			
Atbara	30	9	30	02	0	0	—	12.0		23	34		19		61	15	0		
Khartum	360	9	30	02	0	0	—	12.1		23	35		20		26	2	0		
Kassala	00	0	30	02	0	0	—	10.3		25	38		19		70	19	0		
Wad Medani	50	13	35	02	0	2	AC	11.9		24	37		19		38	9	0		
Renk																			
Roseires	360	7	30	02	0	0	—	12.6		21	35		18		50	10	0		
El Obeid	00	0	30	01	1	2	CC			16	35		12		52	6	0		
El Fasher	50	9	30	01	1	1	Ci			15	35		13		52	5	0		
Geneina																			
Malakal	40	3	30	02	0	0	—	10.6		25	38		19		32	7	0		
Wau	20	1	10	04	0	0	—	10.3		21	39		19		65	14	0		
Juba																			

Station	5th	
	48	-18
	46	-23
	74	0
	41	-17

GIZA Grass minimum temp. 6th -1.3

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE — Cairo, On 5th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	189	16		360	9
950					
900					
850	1543	6		300	9
800					
700	3127	3		250	22
600					
500	5791	-12		230	42
400	7462	-22		260	60
300	9518	-37		260	85

Remarks

UPPER WIND OBSERVATIONS on 5th

Station	S.Barani		Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		Minya	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	220	11	230	6	270	2	300	9	350	15	10	7	350	12	320	16	350	9	360	19	10	17	330	17	360	21
600	220	12	220	8	300	2	310	7	350	11	10	10	340	17	350	15	10	10	10	22	10	25	310	13	10	14
1000	220	10	230	8	280	7	320	6	360	8	30	9	340	11	330	11	60	6	10	28	360	29	360	4	20	10
1500	260	17	270	12	260	10	320	7	310	4	310	10	270	16	210	4	20	6	30	41			250	8	290	9
2000	290	17	280	21			360	4	260	17			240	16	260	16	340	9					270	16		
3000			290	25					240	33					250	21							250	29		
4000															250	29										
5000															260	34										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	Sidi Barani		Matruh		Alex (Airport)		Port Said		El Arish		Helwan		Minya		Manqabad		Almaza	
Time	8		4		8		2		8		6 45		2		8		8 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	160	24	140	14	200	13	50	9	70	9	50	10	360	13	280	4	60	24
600	130	21	120	10	90	13	40	9	60	13	50	10	20	15	120	4	70	21
1000	130	17	140	13	190	7	50	3	50	16	110	4	30	11	190	8	60	17
1500	110	11	100	14	110	9	70	5	170	9	220	6	10	4	160	10	170	7
2000			40	4	200	5			220	17	240	13			140	11	240	10
3000					240	10			230	17	250	18			130	14	250	19
4000					230	23			250	16	250	31			110	27	230	24
5000					240	21											240	30
6000					240	42												
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				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	29	190	3	200	4	10	13	30	7														
600	140	28	200	5	160	8	50	18	80	14	70	27	350	9	40	20								
1000	140	26	170	8	180	16	80	15	70	7	70	27	80	8	40	24					350	8		
1500	120	23	200	10	180	16	150	6	230	2	50	24	60	28	40	20			50	19	80	17		
2000	150	14			180	13	180	11	310	7					20	9								
3000	240	25			170	14			300	14	350	15	30	19	10	9			290	3	60	7		
4000	250	24													300	6								
5000	270	23							280	18	270	17			110	1								
6000											280	23			280	2								
7000															10	12								
8000															240	17								

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

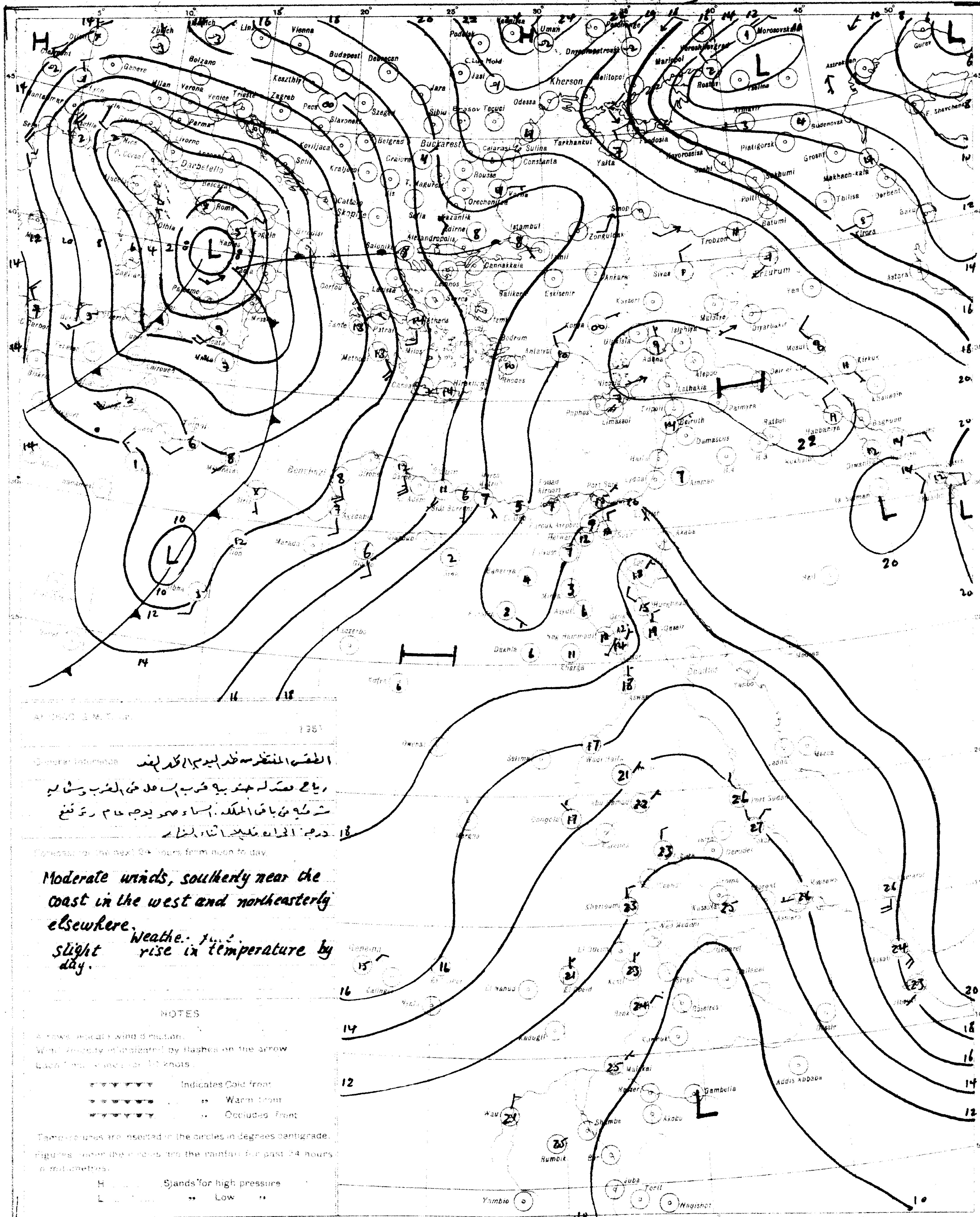
Note: All times are G.M.T.

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 6-1-1958



At 0600 G.M.T. on 195

General Information الطقس المنتظر من ظهر اليوم الى ظهر الغد

رياح معتدلة جنوبية قرب السواحل في الغرب وشمالية

شرقية في باقي المملكة. السماء صحو بوجه عام وترتفع

درجة الحرارة قليلا اثناء النهار

Forecast for the next 24 hours from noon to day.

Moderate winds, southerly near the coast in the west and northeasterly elsewhere. Weather fine. slight rise in temperature by day.

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the 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 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

S.P.C. 1949/49/557/(50/531)

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: Wednesday 7th January, 1953

At 1200 on Tuesday 6th

Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Salum	140	4	35	00	0	0	—	12.2	19	11	-12
Sidi Barani	160	12	18	02	0	0	—	12.9	19	12	-11
Matruh	130	11	18	00	0	0	—	14.2	18	24	-3
El Daba	90	10	35	00	0	0	—	15.6	18	46	6
Alexandria	90	12	50	00	0	0	—	15.6	19	46	7
Alex. (Airport)	100	6	18	02	1	0	—	15.6	19	46	7
Damietta	90	5	35	03	0	1	Ns	16.8	18	60	10
Port Said	40	6	30	02	0	1	Sc	16.3	19	60	11
El Arish	40	6	30	03	0	0	—	15.5	18	64	11
Damanhur	130	9	15	02	0	0	—	15.8	18	52	8
Mansura	40	5	35	00	0	0	—	16.8	19	52	9
Tanta	310	5	35	02	0	0	—	15.6	19	52	9
Zagazig	40	1	50	02	0	0	—	15.9	19	46	7
Ismailia	40	9	35	02	0	0	—	15.4	20	41	6
Cairo (Airport)	70	16	30	00	0	0	—	15.4	19	43	6
Almaza	40	11	18	00	0	0	—	14.9	19	43	6
Ezbekiya	30	4	18	00	0	0	—	15.0	20	41	6
Giza	30	4	18	00	0	0	—	15.2	20	41	6
Helwan	40	6	35	02	0	0	—	15.1	21	26	1
Fayum	00	0	35	01	0	0	—	14.3	20	46	8
Minya	00	0	8	00	0	0	—	15.0	21	38	6
Asyut (Aerodrome)	280	3	8	00	0	0	—	14.5	19	40	5
Nag Hammadi	00	0	7	01	0	3	Ac, Ci	14.4	23	38	8
Qena	270	1	50	00	0	0	—	13.3	25	47	13
Luxor											
Aswan	320	4	50	00	0	0	—	10.8	30	40	15
Siwa	150	11	8	05	0	0	—	14.6	18	12	-12
Bahariya	90	2	35	02	0	0	—	15.2	20	41	6
Farafra	90	1	35	02	0	0	—	16.2	18	28	-1
Dakhla	320	9	50	00	0	0	—	14.2	21	14	-8
Kharga	00	0	15	00	0	0	—	13.0	24	15	-5
Suez	360	4	50	02	0	0	—	15.0	20	46	8
Tor	310	5	35	02	0	0	—	13.2	22	57	13
Hurghada	30	6	12	01	0	0	—	13.3	22	50	11
Quseir	20	5	15	02	0	0	—	12.7	22	65	15
Port Sudan	90	8	30	01	1	4	Cu	12.3	29	70	23
Wadi Halfa	360	1	30	02	0	0	—	9.7	29	33	11
Abu Hamad	70	4	30	02	0	0	—		33	24	10
Kareima	50	3	30	02	0	0	—	7.8	33	32	14
Atbara											
Khartum	360	10	30	02	0	0	—	6.4	35	23	11
Kassala											
Wad Medani											
Renk	310	18	35	02	0	2	Ac	5.8	36	31	16
Roseires											
El Obeid	90	7	30	02	0	0	—	5.6	34	16	5
El Fasher	50	4	30	02	0	0	—		32	31	13
Geneina											
Malakal											
Wau	90	7	10	04	0	0	—	4.1	37	17	8
Juba	360	6	30	03	2	7	Cu, Cs	3.1	37	25	14

At 1800 on Tuesday 6th

Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
Salum	180	3	15	00	0	0	—	10.2	15	20	-8	0
Sidi Barani	140	6	14	02	0	0	—	10.3	12	24	-8	0
Matruh	130	10	10	00	0	0	—	11.5	12	59	4	0
El Daba	140	11	7	00	0	0			10	76	6	0
Alexandria	90	10	35	00	0	0	—	13.9	14	67	8	0
Alex. (Airport)	90	6	12	02	0	0	—	13.8	13	82	10	0
Damietta	110	2		01	0	1	Cu	14.4	15	77	11	0
Port Said	40	13	14	01	0	0	—	14.7	16	72	11	0
El Arish	00	0	14	01	1	0	—	14.4	13	77	9	0
Damanhur	130	9	7	02	0	0	—	14.8	11	77	7	0
Mansura	360	3		00	0	0	—	14.8	13	77	9	0
Tanta	280	2	35	02	0	0	—	14.6	10	97	10	0
Zagazig	40	1	35	02	0	0	—	14.2	13	77	9	0
Ismailia	40	5	35	02	0	0	—	14.3	14	67	8	0
Cairo (Airport)	90	12	12	00	0	0	—	14.1	14	59	6	0
Almaza	70	11	12	00	0	0	—	13.8	14	59	6	0
Ezbekiya			10	00	0	0	—	13.6	14	59	6	0
Giza			10	00	0	0	—	13.4	10	76	6	0
Helwan	40	15	15	02	0	0	—	13.0	15	48	4	0
Fayum	00	0	35	02	0	0	—	13.1	13	67	7	0
Minya	00	0	8	00	0	0	—	13.2	11	58	3	0
Asyut (Aerodrome)	00	0	8	05	0	0	—	13.3	15	42	2	0
Nag Hammadi	00	0		02	0	4	Sc, Cu	12.4	16	77	12	0
Qena	00	0	7	00	0	0	—	11.9	17	68	11	0
Luxor	00	0	12	00	0	0	—	12.1	19	68	13	0
Aswan	00	0	15	00	0	0	—	11.8	26			0
Siwa	00	0	8	00	0	0	—	11.4	10	32	-6	0
Bahariya	00	0	15	02	0	0	—	14.4	11	51	1	0
Farafra	110	1	7	02	0	0	—	14.2	12	44	0	0
Dakhla	00	0	35	00	0	0	—	12.3	18	20	-5	0
Kharga	00	0	15	00	0	0	—	11.9	20	17	-6	0
Suez	310	4	15	02	0	0	—	13.1	15	59	7	0
Tor	310	5	15	02	0	0	—	13.0	20	64	13	0
Hurghada	00	0	10	01	0	0	—	13.0	17	68	11	0
Quseir	90	2	15	01	1	2	Ci	13.2	21	74	16	0

At 0600 on Wednesday 7th January, 1953

Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	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	Rainfall	
Salum	220	6	15	00	0	0	—	8.2	-9.5	9	20	+1	3	-6	47	-2	0	15	
Sidi Barani	280	19	14	02	0	0	—	8.6		12	20		8		72	7	0	79	
Matruh	250	18	15	00	0	0	—	8.2	-10.4	10	19		6		54	1	0	31	
El Daba	270	17	15	00	0	0	—	8.5		9	18		4		62	2	0	69	
Alexandria	200	10	35	02	4	0	—	8.3	-10.7	10	20	+1	9	-2	82	7	0	54	109
Alex. (Airport)	200	7	12	05	0	0	—	8.1	-9.8	8	19	+1	6	-4	97	8	0	49	78
Damietta	180	2	7	10	0	0	—	9.6	-8.4	10	19	0	7	-2	76	6	0	9	46
Port Said	160	12	12	02	0	0	—	9.0	-9.0	13	19	+1	11	-1	77	9	0	28	
El Arish	180	3	18	03	0	1	Sc	8.6	-10.0	15	19		8		48	4	0	6	
Damanhur	230	9	7	02	0	0	—	8.7	-9.9	7	19	-1	5	-3	87	5	0	11	41
Mansura	180	5	35	00	0	0	—	8.8	-9.7	8	21	+1	6	-2	71	3	0	19	18
Tanta	220	5	35	02	0	0	—	9.1	-10.1	9	20	0	5	-2	71	4	0	2	15
Zagazig	00	0	35	02	0	0	—	9.9	-9.2	9	21	+1	5	-2	62	2	0	8	11
Ismailia	160	2	35	03	1	4	Ci	10.0		10	20		7		88	8	0	16	
Cairo (Airport)	200	30	14	03	0	3	Ci	10.0		14	20		8		45	2	0	4	
Almaza	180	17	14	03	0	5	Ci	9.9	-9.1	13	20	+1	4	-5	48	2	0	4	
Ezbekiya	200	2	8	03	1	6	Ci	9.6	-9.8	11	21	+1	8	0	51	1	0	14	10
Giza	200	2	8	03	1	6	Ci	10.0	-9.6	9	22	+3	3?	-3	62	2	0	41	11
Helwan	110	4	7	01	3	8	Ci	11.2	-8.4	11	21	+2	11?	+2	41	-2	0	3	10
Fayum	00	0	35	03	1	3	Ci	11.1	-8.3	8	22	+1	6	0	71	3	0	13	3
Minya	360	4	8	00	0	0	—	12.1	-8.2	7	22	+2	4	-1	87	5	0	1	
Asyut (Aerodrome)	330	2	3	10	0	0	—	12.2	-8.1	10	20	-1	8	+1	62	3	0	0	
Nag Hammadi	00	0	3	10	0	2	As	13.3	-6.5	15	25	+3	9	+3	68	9	0	0	
Qena	130	1	35	00	0	0	—	13.0	-6.1	18	25	+2	10	+3	60	10	0	0	
Luxor											27								
Aswan	00	0	50	00	0	0	—	12.7	-6.4	20	31	+8	17	+7	56	11	0	0	
Siwa	270	10	4	10	0	1	Ac	14.4	-6.3	7	19	-1	3	-1	81	4	0	1	5
Bahariya	270	2	35	02	0	0	—	13.1	-7.2	11	21	+1	4	-1	41	-2	0	dr.	4
Farafra	320	6	7	04	0	0	—	14.6		11	20		10		41	-2	0	0	
Dakhla	00	0	35	00	0	0	—	15.3	-5.3	11	25	+3	6	+1	30	-6	0	0	
Kharga	00	0	15	00	0	0	—	13.9	-5.[illegible]	14	25	+3	10	+4	48	3	0	0	
Suez	180	3	35	00	0	2	Cu	10.7	-8.2	17	22	+2	8	-2	68	11	0	31	9
Tor	100	3	35	01	1	6	Ac	12.3	-5.7	21	23	+2			74	16	0	0	7
Hurghada	00	0	10	00	0	0	—	12.8	-4.8	18	22	+1	13	+3	73	13	0	dr.	
Quseir	360	2	15	02	0	0	—	12.6	-5.1	22	23	0	18	+4	83	19	0	dr.	4
Port Sudan																			
Wadi Halfa																			
Abu Hamad	00	0	30	02	0	0	—			21	33		17		69	15	0		
Kareima	20	2	30	02	1	0	—	12.2		20	34		17		56	11	0		
Atbara	360	6	30	02	0	0	—	11.1		21					61	13	0		
Khartum	360	5	30	02	0	0	—	10.8		22	35		19		50	11	0		
Kassala	180	1	30	02	0	0	—	9.2		24	38		18		65	17	0		
Wad Medani																			
Renk	360	12	35	02	0	2	Ac			20	37		17		56	11	0		
Roseires	310	2	35	02	0	0	—	12.1		21	38		17		57	12	0		
El Obeid	350	5	10	05	0	0	—	11.2		21	35		16		47	9	0		
El Fasher	00	0	30	02	0	0	—			16	34		11		52	6	0		
Geneina	70	6	30	03	0	1	Ci			18	35		13		30	0	0		
Malakal																			
Wau	00	0	10	04	0	1	Ac	8.6		23	38		19		53	13	0		
Juba	190	4	30	02	1	4	Cu, Ci	8.7		25	39		20		70	19	1		

HUMIDITY

Station	6th	Diff. from normal
Alexandria	58	-8
Ezbekiya	59	-10
Giza	79	+5
Helwan	56	-2

GIZA
Grass Minimum Temp.
7th 0.9

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

Cairo Airport — On 6th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	130	19		50	12
950					
900					
850	1499	13		230	10
800					
700	3103	3		240	23
600					
500	5759	-12		250	39
400	7421	-26		250	32
300	9431	-41		260	52

Airport — On ... At ...

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

UPPER WIND OBSERVATIONS on 6th

Station	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		P. Said	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	140	23	120	7	80	9	70	9	30	12	60	14	60	3	330	3	340	7	130	21	230	2	20	13	80	16
600	140	21	130	14	100	9	70	14	60	12	80	16	70	8	140	3	340	9	140	23	220	5	360	7	80	19
1000	150	28	150	17	110	11	70	16	110	6	100	6	140	4	180	7	30	4	150	30	160	12	160	5	90	16
1500	160	20	160	17	110	1[illegible]			220	12	220	12	200	17	220	13	110	3	200	28	220	18	180	10	200	15
2000			210	10	120	14			230	22	260	23	210	17	220	23			230	30	240	23	220	20		
3000			210	17					260	22	240	25	230	30	240	26										
4000									250	31																
5000									230	28																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sidi Barani		Matruh		Alex. (Airport)		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		[illegible]		Almaza	
Time	8		8		8		8		7		6	30	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	270	23	280	15	270	12	220	18	200	28	160	10	260	12	270	14					190	9	210	30
600	300	23	280	24	290	17	220	38	230	33	200	28	280	22	290	22					230	8	230	34
1000	300	31	290	23	270	23	230	38	240	32	230	33	270	27	280	21					240	3	230	34
1500	300	34	300	35			230	34	230	34	240	31	240	31	260	19					240	14	240	33
2000	290	34	330	43					230	32			230	24	240	28					250	32		
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						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	290	30	40	27	310	19	200	13																
600	300	34	40	36	330	23	240	16					70	16	20	16							20	27
1000	310	35	30	47	310	28	270	16					60	13	20	15			30	21	350	6	30	30
1500	310	29					350	1[illegible]					30	12	30	17			40	22	50	15	50	20
2000	330	42													40	18			60	8	10	11		
3000													330	20	220	7			230	3	360	6	80	5
4000																					230	4		
5000															300	9					170	4		
6000													250	23										
7000																								
8000													330	28	360	34								

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

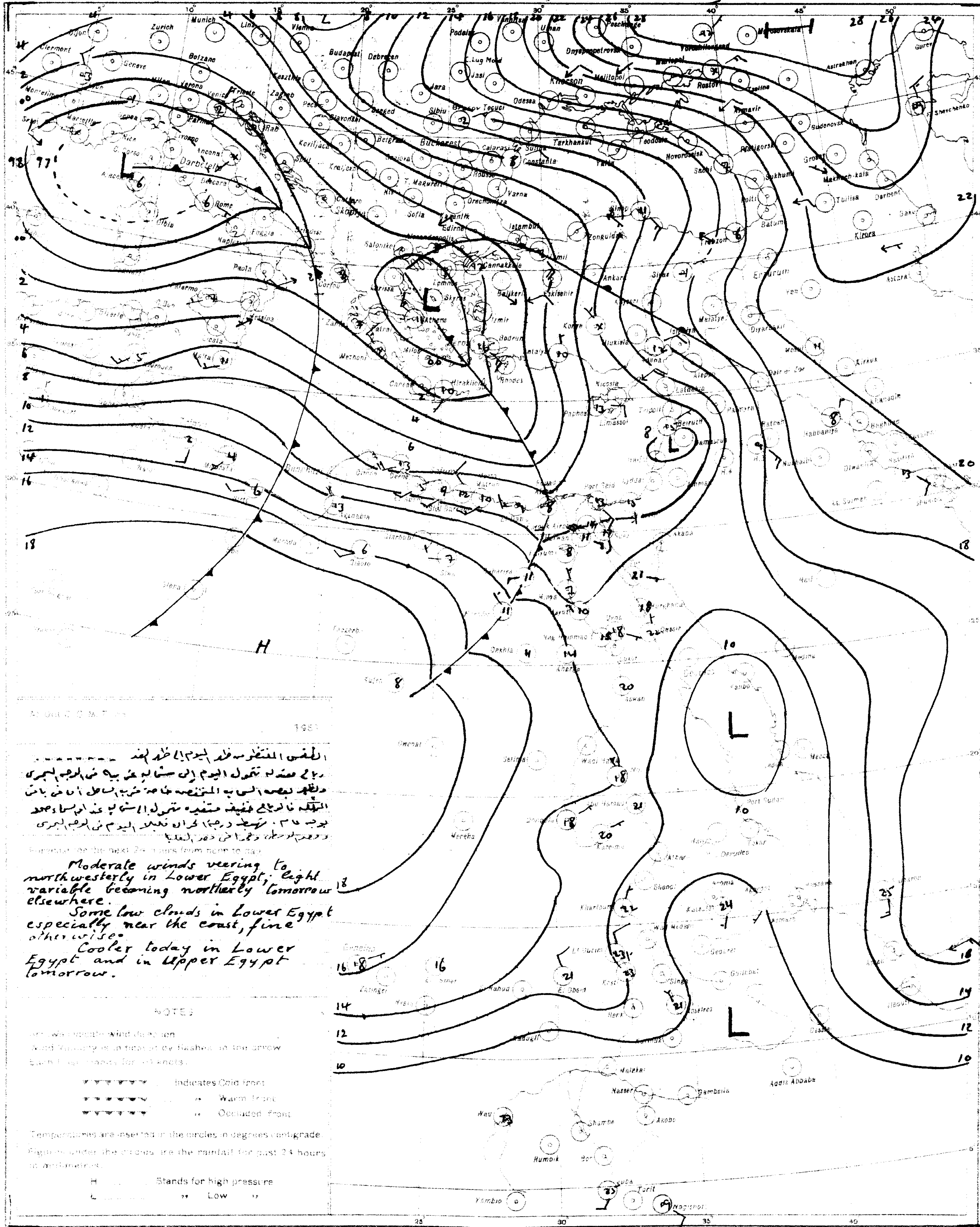
Printed by the Survey of Egypt 1949 149/557/(50/531)

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 1-1-1953*



Forecast for the next 24 hours from noon to-day

الطقس المنتظر خلال اليوم الى الغد
رياح معتدلة تتحول اليوم الى شمالية غربية في الوجه البحري
وتظهر بعض السحب المنخفضة خاصة قرب الساحل
رياح خفيفة متغيرة تتحول الى شمالية غدا
تنخفض درجة الحرارة اليوم في الوجه البحري
وغدا في الوجه القبلي

Moderate winds veering to northwesterly in Lower Egypt, light variable becoming northerly tomorrow elsewhere.

Some low clouds in Lower Egypt especially near the coast, fine otherwise.

Cooler today in Lower Egypt and in Upper Egypt tomorrow.

NOTES

Arrows indicate wind direction

Wind Velocity is indicated by feathers on the arrow

Each feather stands for 10 knots.

Indicates Cold front

,, Warm front

,, Occluded front

Temperatures are inserted in the 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	[illegible]
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		[illegible]
Fog		[illegible]
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		[illegible]
Rain ⎫ Thunderstorm during		[illegible]
Hail ⎭ the past hour		[illegible]
Thunderstorm with rain		95
,, ,, hail		[illegible]
,, 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 duststorm (vis. less than 1000 m.)	4
Drizzle	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

SCALE 1:15,000,000

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

DAILY WEATHER REPORT

Date: Thursday 8th January, 1953

At 1200 on Wednesday 7th / At 1800 on Wednesday 7th

Station	1200 Wind Dir.	1200 Wind Vel. (knots)	1200 Visibility (km)	1200 Present Weather	1200 Past Weather	1200 Cloud Amount	1200 Cloud Form	1200 Bar. M.S.L. mbs	1200 Temp. °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Dir.	1800 Wind Vel. (knots)	1800 Visibility (km)	1800 Present Weather	1800 Past Weather	1800 Cloud Amount	1800 Cloud Form	1800 Bar. M.S.L. mbs	1800 Temp. °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
	260	5	35	00	0	0	—	10.0	18	28	-1	220	3	15	00	0	0	—	12.4	14	36	-1	0
	270	19	15	02	0	0	—	9.2	17	49	6	230	6	14	02	0	1	Sc	12.0	14	48	3	0
	270	16	14	00	0	0	—	9.0	18	40	4	220	8	12	00	1	0	—	13.0	11	63	4	0
	290	18	35	01	1	1	Cu	9.4	17	52	7	250	6	7	01	1	1	Cu	13.7	13	67	7	0
	310	27	50	03	2	6	Cb	9.8	17	52	7	270	17	35	01	2	3	Cu	13.8	16	59	8	0
Alex	310	16	18	03	0	5	Sc	8.8	18	46	6	290	13	12	01	1	1	Sc	13.1	16	64	9	0
	180	13	3	06	4	1	Cu	8.4	18	60	10	220	5		02	1	2	Cu	12.6	15	68	9	0
	230	20	18	02	0	0	—	8.0	19	46	7	220	13	14	01	0	0	—	13.1	15	77	11	0
	270	10	30	01	2	0	—	7.6	22?	41	8												
	270	13	15	02	0	0	—	9.3	18	52	8	310	9	7	02	0	0	—	13.3	12	77	8	0
	270	13	35	02	1	2	Cu	8.6	18	52	8	320	5		00	1	0	—	13.6	12	77	8	0
	270	8	35	01	1	2	Cu	9.0	18	60	10	270	2	35	00	1	0	—	13.8	12	88	10	0
	220	3	50	09	3	0	—	9.5	19	46	7?	00	0	35	02	0	0	—	13.9	12	77	8	0
	250	13	15	07	0	0	—	9.1	20	17	-6	250	5	35	02	0	0	—	13.4	13	55	4	0
Cairo	270	15	8	05	0	0	—	10.2	19	43	6	250	9	8	01	2	0	—	15.3	14	59	6	0
	250	13	10	01	1	1	Cs	10.2	18	30	0	240	4	10	03	1	2	Sc	14.5	14	52	4	0
	270	5	14	00	0	0	—	10.2	20	26	0	00	0	10	03	0	1	Cu	14.4	13	59	5	0
	270	5	14	00	0	0	—	10.4	20	33	3	00	0	10	03	0	1	Cu	15.1	10	62	3	0
	250	8	15	01	1	0	—	11.0	18	28	-1	00	0	7	05	0	0	—	15.0	13	34	-3	0
	00	0	35	03	2	5	Ci	11.2	19	30	1	00	0	35	01	0	0	—	15.2	11	63	4	0
	300	13	10	03	0	2	Ac	12.2	21	23	-1	300	5	8	00	0	0	—	14.2	10	38	-4	0
	320	1	8	10	0	0	—	12.8	21	23	-1	260	2	6	00	0	0	—	14.7	13	31	-4	0
	290	1	7	02	0	3	Ac	11.9	26	30	7	00	0		02	0	4	Sc,As	14.0	16	42	3	0
	270	2	50	00	0	0	—	10.3	26	42	12	270	2	7	00	0	0	—	13.9	15	45	3	0
	270	12	30	00	0	0	—	10.5	28	20	3	180	10	12	00	0	0	—	13.5	16	24	-5	0
	320	3	50	00	0	0	—	9.6	30	31	11	360	6	50	00	0	0	—	12.6	22	38	7	0
	280	11	7	05	0	0	—	14.6	17	37	2	260	2	8	00	0	0	—	16.8	10	62	3	0
	320	4	35	02	0	0	—	12.8	17	42	4	290	2	15	02	0	0	—	16.7	11	63	4	0
	290	2	35	02	0	0	—	15.4	17	26	-3	240	1	7	02	0	0	—	16.4	10	50	0	0
	340	26		35	4	0	—	14.0	20	24	-1	320	11	35	00	0	0	—	15.9	14	36	-1	0
	340	2	7	00	0	0	—	11.2	24	21	0	00	0	15	00	0	0	—	14.6	17	18	-8	0
	180	8	50	01	0	0	—	9.5	24	21	0	310	7	15	02	0	0	—	13.9	16	24	-5	0
	180	5	35	01	1	4	Ac	8.7	27	62	19	310	9	35	02	0	0	—	12.7	20	41	6	0
	130	12	8	05	0	3	Cu	9.4	26	70	20	280	12	8	01	0	0	—	11.8	20	18	-5	0
	90	5	15	03	1	3		4.8	26	70	20	330	9	15	01	0	0	—	10.8	21	50	10	0
	90	8	30	02	1	1	Cu	10.3	28	70	22												
	340	3	30	02	0	0	—	9.4	30	33	12												
	50	1	30	02	0	0	—		33	21	8												
	70	3	30	02	0	0	—	9.0	33	26	11												
	20	15	10	07	0	0	—	5.5	34	12	1												
	360	16	30	02	0	0	—	5.0	35	13	3												
	340	4	30	02	0	0	—	3.8	35	30	15												
	360	9	35	02	0	0	—	4.6	36	12	2												
	310	27	35	02	0	2	Ac		36	27	14												
	310	2	35	02	0	0	—	2.8	37	20	11												
	70	10	30	02	0	0	—	4.8	33	16	4												
	330	2	30	03	0	1	Ci		33	26	11												
	50	3	30	01	0	0	—		33	12	0												
	360	6	30	02	0	0	—	3.6	37	18	9												
	360	9	10	04	1	4	Cu,Ci	2.3	38	13	5												
	40	2	30	02	1	6	Cu,Cs	1.3	38	21	12												

At 0600 on Thursday 8th January, 1953

Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. M.S.L. mbs	Bar. change	Dry Bulb	Max. yesterday	Dep.	Min.	Dep.	Humidity	Dew Point	Rain			
220	4	15	00	0	0	—	15.2	-2.5	8	19	0	6	-3	31	-8	0	15		
210	4	15	02	0	0	—	16.1		5	18				65	-1	0	79		
210	10	18	00	0	0	—	16.5	-2.1	7	18		6		71	2	0	31		
270	12	15	01	1	1	Cu	17.2		8	18		6		58	0	0	69		
240	11	35	01	4	0	—	17.4	-1.6	11	18	-1	9	-2	67	5	0	54	110	
240	11	18	01	1	0	—	17.4	-0.5	10	19	+1	9	-1	76	6	0	49	79	Alex
220	2	7	00	0	0	—	16.8	-1.2	9	19	0	8	0	88	7	0	9	47	
190	14	12	02	0	1	Ac	17.1	-0.9	12	19	+1	11	-1	72	7	0	28		
210	4	18	02	0	0	—	17.7	-0.9	13			10		72	8	0	6		
230	13	7	02	0	0	—	16.8	-1.8	8	19	-1	6	-2	71	3	0	11	42	
270	5	35	00	0	0	—	16.8	-1.7	7	19	-1	6	-2	87	5	0	19	19	
220	5	35	02	0	0	—	17.4	-1.8	8	20	0	6	-1	71	3	0	2	16	
00	0	35	02	0	0	—	17.4	-1.7	7	20	0	6	-1	71	2	0	8	11	
180	2	35	01	0	0	—	17.9		10	21		7		76	6	0	16		
200	17	12	00	0	0	—	18.5		11	19		8		44	-1	0	4		Cairo
	13	12	00	0	0	—	18.7	-0.4	10	20	+1	9	0	50	0	0	4		
00	0	8	00	0	0	—	18.4	-1.0	10	20	0	8	0	50	0	0	14	10	
00	0	8	00	0	0	—	19.0	-0.6	7	21	+2	6	0	57	-1	0	41	11	
160	3	7	05	0	0	—	19.4	-0.2	10	19	0	8	0	50	0	0	3	10	
00	0	35	02	0	0	—	19.1	-0.3	6	21	0	3	-3	71	1	0	13	3	
00	0	8	00	0	0	—	19.5	-0.8	10	22	+2	2	-3	26	-9	0	1		
270	1	8	00	0	0	—	19.7	-0.6	8	21	0	6	-1	50	-2	0	0		
00	0		00	0	0	—	18.7	-1.1	10	28	+6	5	-1	62	3	0	0		
270	1	35	00	0	0	—	18.2	-0.9	12	27	+4	6	-1	55	3	0	0		
00	0	30	00	0	0	—	17.9	-1.4	12	30		8		38	-2	0	0		
20	6	50	00	0	0	—	16.3	-2.8	15	31	+8	12	+2	30	-3	0	0		
00	0	12	00	0	0	—	19.5	-1.2	2	18	-2	0	-4	75	-2	0	1	5	
00	0	35	02	0	0	—	20.2	-0.1	6	17	-3	2	-3	71	1	0	dr.	4	
00	0	35	02	0	0	—	20.8		2			0		81	-1	0	0		
00	0	35	00	0	0	—	19.9	-0.7	7	21	-1	3	-2	57	-1	0	0		
00	0	15	00	0	0	—	19.0	-0.5	9	24	+2	5	-1	62	2	0	0		
00	0	35	00	0	0	—	17.8	-1.1	9	24	+4	6	-4	71	4	0	31	9	
40	5	35	02	0	0	—	15.4	-2.6	14	28	+7	10	+1	48	3	0	0	7	
300	10	12	02	0	0	—	15.0	-2.6	15	29	+8	12	+2	42	2	0	dr.		
330	9	15	02	0	0	—	15.5	-2.2	16	27	+4	15	+1	49	5	0	dr.	4	
310	2	30	02	0	1	Sc	13.7		25			17		79	21	0			
360	10	10	05	0	0	—	16.0		14	31		13				0			
20	3	30	02	0	0	—			21	34		19		28	2	0			
360	4	30	02	0	0	—	12.0		22	35		18		38	7	0			
50	9	35	02	0	2	Ac			23	37		16		36	7	0			
310	2	35	02	0	0	—	10.3		21	38		16		50	10	0			
40	3	30	03	0	4	Ci	11.7		22	35		16		29	3	0			
00	0	30	03	0	1	Ci			17	35		13		46	5	0			
60	6	30	02	0	2	Ci			17	35		12		34	1	0			
30	11	30	03	0	8	Ac	9.5		25	39		22		28	5	0			
180	6	30	03	2	7	Ac,Cs	9.8		25	38		20		70	19	1			

	7th	
Alexandria	69	+3
	49	-20
	55	-19
Aswan	34	-24

GIZA

8th 1.6

Remarks

UPPER AIR OBSERVATIONS

RAWINSONDE

Cairo Airport On 7th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	113	17		290	4
950					
900					
850	1471	8		280	23
800					
700	3043	-7		270	30
600					
500	5672	-15		260	65
400	7324	-25			
300					

Remarks

UPPER WIND OBSERVATIONS on 7th

Station	S. Barani		Matruh		Cairo A.P.		Almaza		P. Said		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		P. Said	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	35	290	21	280	17	270	13	260	8	300	22	300	15	310	11	280	14	340	23	350	19	70	6	260	24
600	280	37	280	19	290	16	270	20	260	7	290	16	310	15	300	14	290	16	340	21	360	22	120	4	280	25
1000	280	25	280	21	290	17	270	17	270	7	270	16	310	13	310	12	290	17	330	16	360	23	360	3	280	23
1500			280	20	290	12			280	10	270	16	320	6	280	12	270	22	320	26	10	18	30	3	300	33
2000									300	13			300	20			290	20								
3000																	280	21								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sidi Barani		Matruh		Alex		Port Said										Almaza	
Time	8		8		8		8		7 45		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.
300	240	28	200	17	250	14	270	26	170	8	340	3	340	5	30	16	240	7
600	240	29	250	21	250	14	260	23	210	9	10	8	360	12	30	27	280	9
1000	240	16	240	18	250	12	260	20	300	8	10	8	10	14	30	25	300	7
1500	240	21			230	9	290	9	310	10	300	3	290	6	20	15	290	3
2000	240	17			250	13	280	9	260	12	270	10	270	15			280	11
3000	250	28			240	30	250	21			280	18	260	30			260	13
4000																	270	15
5000																	280	34
6000																		
7000																		
8000																		

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum	
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.
300	250	14	80	4	40	2	20	15								
600	230	13	60	3	60	9	20	21					60	17	30	25
1000	240	10	20	5	30	4	20	19					60	11	30	25
1500	240	12	360	3	300	11	340	5					60	5	40	23
2000	250	13	80	3	280	36	350	12								
3000	260	24											340	13	300	9
4000	260	28													250	6
5000	260	35														
6000															300	9
7000															330	20
8000																

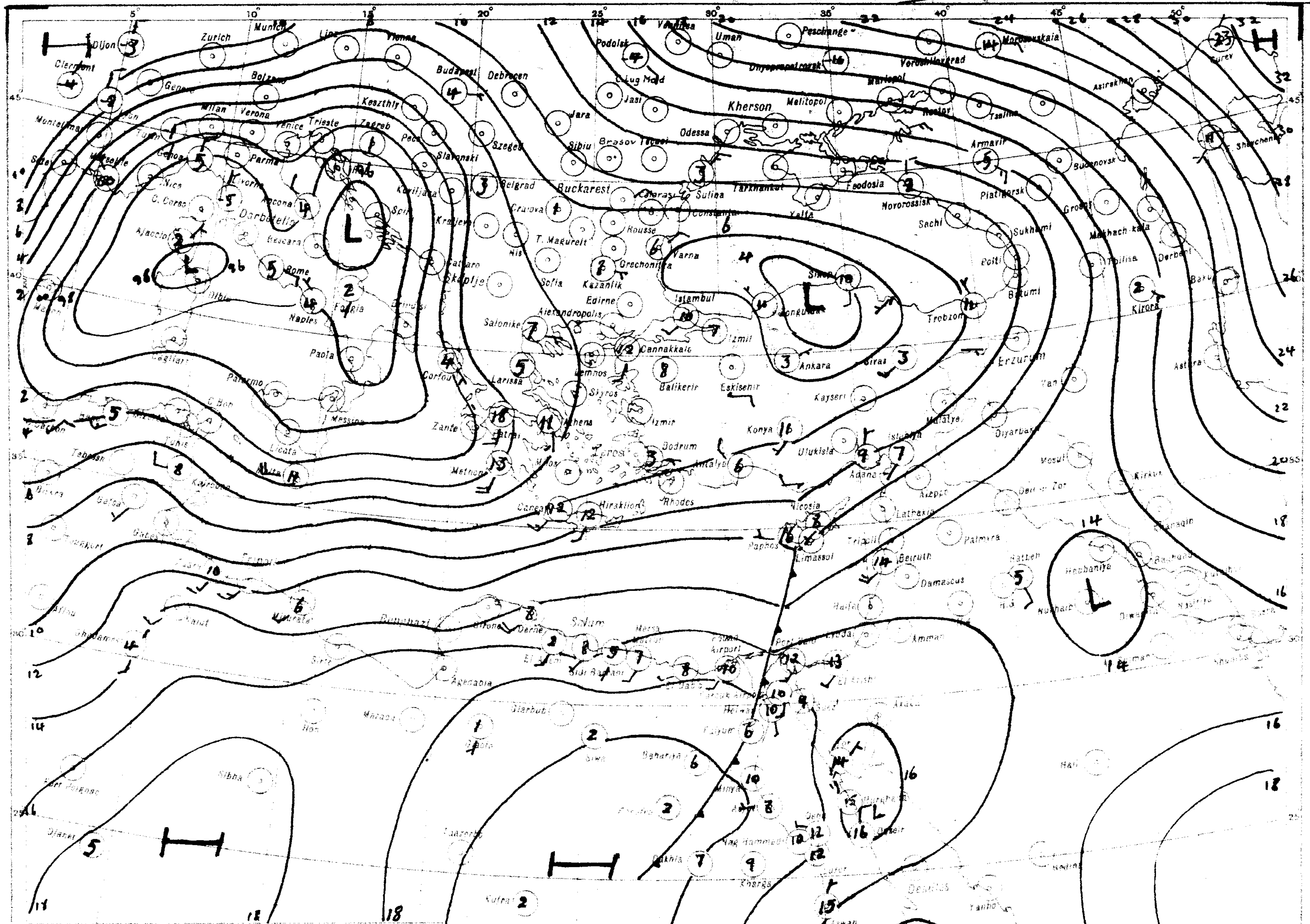
Remarks:
1- Wind Direction in degrees east of North.
2- „ Velocity „ Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (48 557) (SD/A3/7)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 8-1-* 1953



At 0600 G.M.T. on 1951

الطقس المنتظر من ظهر اليوم الى ظهر الغد

رياح معتدلة جنوبية غربية في الوجه البحري تنشط على السواحل

أحيانا وشمالية في باقي المملكة . السماء صحو بوجه عام .

ولا تغيير يذكر في درجة الحرارة .

Forecast for the next 24 hours from noon to day

Moderate southeresterly winds in Lower Egypt, fresh at times on the coast and northerly elsewhere.

Weather fine

No appreciable change in temperature

NOTES

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

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

Temperatures are inserted in the 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
- 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 (v is less than 1000 m.) 4
- Drizzle 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

S.O.E. 1949/49(557) (50/551)

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

DAILY WEATHER REPORT

Date: Friday 9th January 1953

At 1200 on Thursday 8th

Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud amount	Form	Bar. pressure M.S.L.	Temperature	Humidity	Dew point
200	5		00	0	0	—		17	49	6
230	11	6	02	0	0	—	14.2	17	18	-8
220	14	18	00	0	0	—		17	19	-7
250	1	35	01	1	7	Cu	15.9	17	39	3
240	13	50	03	1	1	Ci	16.4	17	42	4
280	13	18	02	0	1	Ci	16.3	18	43	5
240	5	35	03	0	0	—	16.8	19	46	7
240	11	30	02	0	0	—	16.7	18	52	8
230	7	15	02	0	0	—	16.7	19	37	4
320	5	35	00	0	0	—	16.8	19	37	4
220	2	35	02	0	0	—	16.6	17	37	4
00	0	50	02	0	0	—	17.0	19	46	7
200	2	35	02	0	0	—	16.8	20	41	6
290	9	30	00	0	0	—	16.6	18	34	2
220	4	18	00	0	0	—	16.5	19	37	4
80	2	30	00	0	0	—	16.8	18	37	3
80	2	30	00	0	0	—	16.8	21	33	4
00	0	35	02	0	0	—	17.1	18	37	3
00	0	35	02	0	0	—	17.3	19	46	7
350	5	8	00	0	0	—	17.2	19	32	2
330	5	12	00	0	0	—	16.7	18	30	0
40	7	7	00	0	0	—	16.3	20	41	6
130	1	50	00	0	0	—	15.2	23	38	8
330	7	30	00	0	0	—	14.7	20	23	-2
340	5	50	00	0	0	—	13.8	22	16	-5
250	4	14	01	0	1	Ci	17.4	17	18	-8
270	2	35	02	0	0	—	17.8	20	41	6
40	1	35	02	0	0	—	18.4	17	42	4
40	9	50	00	0	0	—	16.6	19	23	-3
40	1	15	00	0	0	—	15.9	19	23	-3
40	4	50	02	0	0	—	16.4	19	37	4
310	13	35	02	0	0	—	14.6	20	56	11
20	13	15	02	0	0	—	14.7	21	41	7
50	13	30	02	0	0	—		34	20	8
40	12	30	02	0	0	—	6.2	35	13	3
340	2	30	02	0	0	—	4.1	37	20	11
50	2	30	02	0	0	—		33	28	12
200	3	30	02	0	0	—		35	11	0
50	5	30	02	2	8	Cs	3.9	37	14	6
90	8	10	04	2	8	Cu, Cs	3.3	37	24	13
40	6	30	02	6	7	Cu, Cs	2.6	37	25	14

(Margin notes: Alex. — beside the 6th row; Cairo — beside the 14th row.)

At 1800 on Thursday 8th

Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud amount	Form	Bar. pressure M.S.L.	Temperature	Humidity	Dew point	Rain past 12 hrs
220	5	15	00	0	0	—	13.5	12	10	-17 ?	0
190	8	14	02	0	0	—	13.7	10	50	0 ?	0
				0	0	—		8	40	-5	0
00	0	7	00	0	0	—	16.0	9	62	2	0
220	5	35	00	0	0	—		11	55	5	0
00	0	12	02	0	0	—	16.5	9	88	7	0
220	2		00	0	0	—	16.0	13	67	7	0
200	6	15	02	0	0	—	16.9	14	77	10	0
230	9	7	02	0	0	—	17.0	12	63	5	0
270	5		00	0	0	—	17.4	11	63	4	0
360	2	35	02	0	0	—	17.2	10	76	6	0
00	0	35	02	0	0	—	17.9	11	77	7	0
320	2	35	02	0	0	—	17.0	12	63	5	0
20	1	12	00	0	0	—	17.0	12	59	4	0
120	2	12	00	0	0	—	17.0	12	47	1	0
00	0	10	00	0	0	—	16.7	12	55	3	0
00	0	10	00	0	0	—	17.1	8	88	6	0
250	2	15	02	0	0	—	17.1	13	34	-3	0
00	0	35	02	0	0	—	17.2	12	63	5	0
00	0	8	00	0	0	—	17.4	8	66	2	0
260	3	8	00	0	0	—	17.2	12	44	0	0
230	14	7	00	0	0	—	16.3	12	88	10	0
220	1	7	00	0	0	—	16.3	12	55	3	0
270	2	12	00	0	0	—	16.0	13	51	3	0
00	0	15	00	0	0	—	15.6	18	20	-5	0
00	0	8	01	0	0	—	16.8	7	39	-6	0
00	0	15	02	0	0	—	18.4	9	30	2	0
00	0	7	02	0	0	—	18.0			0	0
00	0	35	00	0	0	—	17.4	13	34	-3	0
00	0	15	00	0	0	—	16.7	13	34	-3	0
00	0	15	02	0	0	—	16.8	13	55	4	0
50	9	15	02	0	0	—	15.8	13	67	7	0
290	8	12	02	0	0	—	15.0	15	63	8	0
330	9	15	02	0	0	—	15.1	18	60	10	0

At 0600 on Friday 9th January, 1953

Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud amount	Form	Bar. pressure												
220	4	15	02	0	3	AC	12.7	-5.1	7	17	-2	6	-3	17	-17	0	15		
180	4	15	02	0	1	CS	12.8		5			5		45	-6	0	79		
180	13	18	03	0	3	AS,CS	13.4	-5.2	7	17		5		43	-5	0	31		
180	5	15	02	1	4	Cb	15.4		4	18		1		52	-5	0	69		
130	6	35	03	4	4	Ci	16.3	-2.6	8	18	-1	9	-2	62	1	0	54	112	
00	0	12	03	1	3	Ci	16.1	-1.8	6	18	0	4	-6	88	4	0	49	80	Alex
180	2	3	10	0	1	Cu	15.6	-2.4	8	19	0	5	-3	88	6	0	9	48	
180	5	10	03	0	2	Ci	16.5	-1.5	12	18	0	10	-2	88	10	0	28		
180	3	18	03	1	2	Ci	16.7	-1.9	10			5		82	7	0	6		
230	9	7	02	0	0	—	16.7	-1.9	10	20	0	7	-1	76	6	0	11	43	
270	5	35	02	1	3	Cu	16.7	-1.8	5	20	0	4	-4	81	2	0	19	11	
40	2	35	03	2	7	AC	16.7	-2.5	4	20	0	1	-6	97	4	0	2	16	
00	0	35	02	0	0	—	17.4	-1.7	5	21	+1	4	-3	81	2	0	8	11	
110	2	35	03	1	5	AC	15.5		8	21		5		88	6	0	16		
110	9	13	03	1	7	Cs	16.6		10	19		5		54	1	0	4		Cairo
120	8	14	03	1	6	Cs	16.3	-2.8	10	20	+1	7	-2	54	1	0	4		
00	0	4	05	4	5	AC, Ci	16.3	-3.1	8	21	+1	6	-2	62	1	0	14	10	
00	0	4	05	4	5	AC, Ci	16.7	-2.9	4	22	+3	2	-4	81	1	0	41	11	
00	0	7	05	2	7	CS	16.8	-2.9	9	19	0	7	-1	62	2	0	3	10	
00	0	35	02	2	5	Ci	16.8	-2.6	7	19	-2	3	-3	71	2	0	13	3	
00	0	8	00	0	0	—	17.1	-3.2	4	19	-1	0	-5	81	1	0	1		
160	1	8	00	0	5	Ci	17.4	-2.9	7	19	-2	3	-4	66	1	0	0		
00	0		02	0	4	Sc, Cu	17.8	-2.0	9	22	0	4	-2	62	2	0	0		
270	1	35	03	1	3	Ci	17.2	-1.9	12	25	+2	5	-2	63	5	0	0		
00	0	30	03	0	1	Ci	16.9	-2.4	8	22		2		58	0	0	0		
00	0	50	00	0	0	—	15.6	-3.5	12	22	-1	9	-1	33	-4	0	0		
00	0	10	03	0	6	AS, CS	16.3	-4.4	2	18	-1	0	-4	64	-4	0	1	5	
00	0	35	02	1	0	—	17.9	-2.4	6	20	0	1	-4	88	4	0	dr.	4	
00	0	35	01	1	4	AC	18.2		2	20		0		64	-4	0	0		
60	0	50	01	1	3	Ci	18.0	-2.6	5	21	-1	2	-3	53	-4	0	0		
		15	02	1		Ci	16.8	-2.7	7	20	-2	2	-4	81	-1	0	0		
360	2	35	00	0	5	Cu	17.4	-1.5	8	21	+1	5	-5	71	3	0	31	7	
40	5	35	02	0	0	—	16.0	-2.0	9	21	0	5	-4	47	-2	0	0	7	
270	10	18	02	0	2	Ci	15.4	-2.2	13	20	-1	7	-3	29	-5	0	dr.		
330	5	15	00	0	2	Ci	15.6	-2.1	14	22	-1	12	-2	48	3	0	dr.	4	
00	0			0	0	—	15.2		14	27		9		36	-1	0			
360	7				0	—									9	0			
50	3	30	02	0	0	—	13.2		19	34		18		35	3	0			
50	10	30	02	0	0	—	12.1		21			19		47	9	0			
20	4		00	0	0	—	11.9		22	36		19		44	9	0			
190		30	02	0	0	—	10.4		23	37		17				0			
50	13	35	02	0	0	—	11.1		23	37		18		41	9	0			
360	7	35	02	0	2	AC			21	37		14		44	8	0			
310	2	35	02	0	0	—	10.7		22	38		16		12	-9	0			
20	3	30	02	0	0	—	11.7		21	34				33	4	0			
00	0	30	02	0	0	—			16	35		13		52	6	0			
10	10	30	02	0	0	—	9.7		25	38		20		28	5	0			
00	0	10	04	0	0	—									14	0			

UPPER AIR OBSERVATIONS

8th
57 -9
46 -23
64 -10
38 -20

9th -1.6

RAWINSONDE — Cairo 8th, at 15h.

Pressure mbs.	Height	Temp.	Wind dir.	Wind vel.
1000	156	16	320	6
950				
900				
850	1514	7	240	4
800				
700	3090	2	250	12
600				
500	5743	-12	270	33
400	7411	-14	270	42
300	9460	-35	270	74

Remarks

UPPER WIND OBSERVATIONS on 8th

Station	S. Barani		Matruh		Alex. A.P.		Port Said		Asyut		Minya		Aswan		Siwa		Dakhla		Kharga		Hurghada		Port Said		Alex. A.P.	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	220	23	240	11	260	7	280	12	340	8	330	7	10	10	230	12	350	9	10	15	350	29	260	9	260	4
600	220	21	230	13	250	5	280	12	360	11	340	6	360	12	220	13	20	5	10	18	330	24	250	9	260	5
1000	230	16	230	15	270	7	260	12	10	8	350	5	330	12	220	15	50	3	10	16	330	18	220	6	260	5
1500			220	11	270	5	260	5	320	13	300	8			250	15	360	7			260	1[illegible]	190	7	260	4
2000			220	16	270	7	160	3	300	11	290	10			230	24	360	8							260	7
3000									270	31					270	31										
4000									280	31																
5000																										
6000																										
7000																										
8000																										

9th

Station					Alex											
Time	8		4		8		2		8		2		8		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	24	210	27	200	10	260	4	230	5	60	3	90	1	330	11
600	230	22	220	30	200	14	270	3	330	3	330	6	180	5	320	[illegible]
1000	240	17	220	22	220	13	260	5	60	7	40	6	270	6	340	3
1500	240	23	260	10	220	14	290	5	130	12	320	3	300	20	280	4
2000	230	23			260	18			200	10	360	25	260	12	250	13
3000	260	29			290	19			240	23	70	31	280	31	260	25
4000															280	33
5000															270	
6000																
7000																
8000																

Station	Siwa							
Time	8		8		8		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	220	19	330	10	150	3	30	8
600	220	20	320	8	190	6	60	8
1000	230	16	280	4	260	3	180	3
1500	230	12	310	10	260	14	310	14
2000	260	17			270	26		
3000	260	30			270	39		
4000	260	45						
5000								
6000								
7000								
8000								

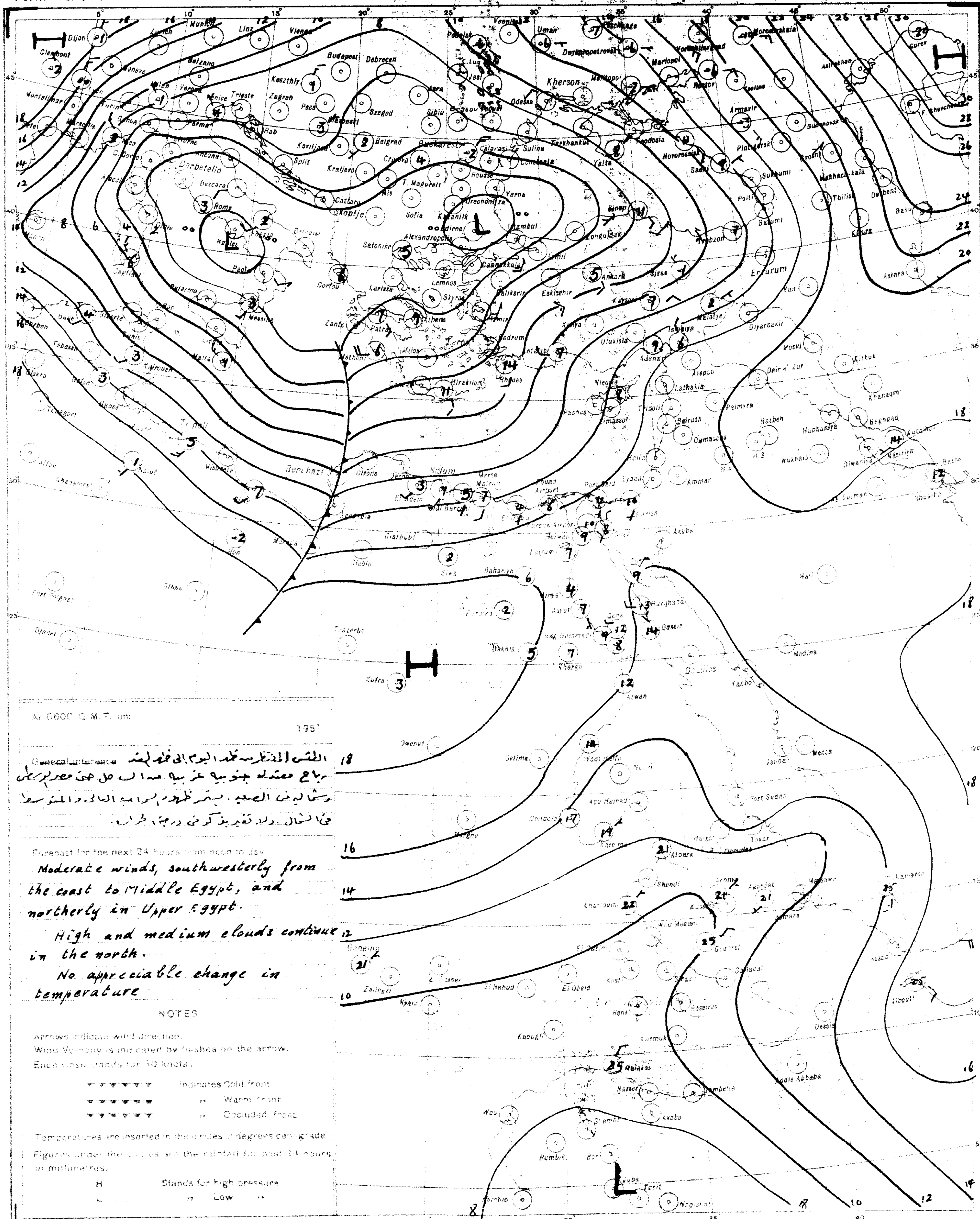
Remarks:
1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

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 *Friday 9-1-* 1952



At 0600 G.M.T. on: 1951

General inference

الطقس المنتظر من ظهر اليوم الى ظهر الغد
رياح معتدلة جنوبية غربية من الساحل حتى مصر الوسطى
وشمالية في الصعيد. يستمر ظهور السحاب العالي والمتوسط
في الشمال. ولا تغيير يذكر في درجة الحرارة.

Forecast for the next 24 hours from noon to-day

Moderate winds, southwesterly from the coast to Middle Egypt, and northerly in Upper Egypt.

High and medium clouds continue in the north.

No appreciable change in temperature

NOTES

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

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

Temperatures are inserted in the 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 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 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

SCALE 1:15,000,000

S urt 949(49/557) (50/531)

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

DAILY WEATHER REPORT

Date: Saturday 10th January, 1953

At 1200 on Friday 9th — At 1800 on Friday 9th

	Dir.	Vel.	Vis.	Pres. W.	Past W.	Cl. amt	Cl. form	Bar	Temp	Hum.	Dew pt	Dir.	Vel.	Vis.	Pres. W.	Past W.	Cl. amt	Cl. form	Bar	Temp	Hum.	Dew pt	Rain
	220	5	35	03	1	7	CS	9.8	18	7	-22?	220	4	15	00	0	0	—	9.8	14	10	-19?	0
	230	11	18	02	2	6	Ci	10.1	18	18	-7	220	10	14	13	0	1	Cs	10.3	13	21	-9	0
	210	16	14	07	2	6			17	47	6	190	15	8	01	1	2	Ci	10.1	11	77	7	0
	200	7	35	03	2	7	St	12.7	16	49	5	200	7	7	00	0	3	Cu	11.0	10	50	0	0
	200	13	50	03	2	8	AS	13.5	16	32	-1	220	10	35	00	0	0	—	11.8	13	44	1	0
Alex	250	15	18	02	2	7	Ac, Cs	13.1	16	34	0	00	0	12	01	1	4	CS	11.8?	11	67	5	0
	200	5	15	03	1	7	AS	14.4	16	42	3	180	2		00	0	0	—	13.9?	12	63	5	0
	240	5	30	03	1	7	CS	14.5	17	39	3	240	2	12	02	2	5	CS	13.5	13	63	6	0
	260	8	30	03	2	3	CS	13.4	17	46	5	00	0	14	01	1	0	—	13.3	11	82	8	0
	230	13	15	02	1	4	Ci	14.2	17	52	7	230	9	7	02	0	0	—	13.3	11	77	7	0
	180	9	35	03	2	6	AS	14.8	17	34	1	320	3		00	1	0	—	14.0	11	63	4	0
	220	8	35	01	1	4	Cu	14.4	17	34	1	240	2	35	01	1	1	Cu	13.6	13	55	4	0
	00	0	50	03	1	8	St	13.9	17	42	4	00	0	35	02	2	0	—	13.4	12	55	3	0
												90	2	35	03	2	8	AS	14.2	11	77	7	0
Cairo	230	7	18	02	2	7	Ac, Cs	14.4	17	39	3												
	200	6	14	02	2	7	CS	14.2	17	37	2	160	8	12	01	2	2	Ci	13.8	13	48	2	0
	250	3	18	03	1	7	CS	14.2	18	37	3	00	0	10	00	2	0	—	13.6	13	48	2	0
	250	3	18	03	1	7	CS	14.4	20	33	3	00	0	10	00	2	0	—	14.3	12	55	3	0
	200	4	15	02	2	8	CS	15.1	16	42	3	160	7	7	02	2	6	CS	14.4	12	44	0	0
	00	0	35	02	2	7	Ci	15.1	18	46	6	00	0	35	01	1	0	—	13.8	12	63	5	0
	120	2	10	03	2	5	Ci	14.6	19	43	6	00	0	8	01	1	2	Ci	14.4	12	59	4	0
												160	4	10	01	1	1	AC	15.0	13	34	-3	0
	00	0	7	02	0	5	AC	14.2	20	41	6	00	0		02	0	5	Sc, As	15.6	10	50	0	0
	270	1	50	02	1	6	Cc	14.7	21	41	7	270	10	7	02	1	5	Ci	15.8	13	55	4	0
												00	0	12	01		1	Ci	15.6	14	27	-5	0
	340	4	50	01	1	4	Ci	13.9	22	16	-5	360	3	50	03	2	4	AC	14.7	19	16	-8	0
	00	0	12	01	2	5	Ac, Cs	13.0	20	26	0	270	3	8	01	2	4	CS	12.8	13	24	-7	0
	220	2	35	03	2	7	AC	14.6	20	41	6	00	0	15	02	2	0	—	15.1	10	50	0	0
	200	1	35	01	1	2	AC	14.7	20	33	3	00	0		02	0	0	—	14.8	13	44	1	0
	160	4	50	00	0	0	—	15.1	21	20	-3	100	9	35	00	0	0	—	14.6	15	20	-8	0
	00	0	15	01	2	4	Ci	14.6	19	23	-3	00	0	15	00	0	0	—	14.6	15	20	-8	0
	00	8	50	03	0	6	Cu	14.0	19	46	7	00	0	15	01	0	0	—	14.2	15	48	4	0
	270	9	35	03	0	6	Ci	13.8	20	46	8	310	9	15	01	1	3	Ci	14.4	17	52	7	0
	10	5	30	02	1	5	Ci	13.6	20	38	5	00	0	12	02	0	2	AC	14.3	14?	36	-1	0
	20	9	15	02	1	2	Ci	13.8	21?	41	7	40	5	15	03	1	3	Ci	15.5	18	60	10	0
	70	7	30	02	0	2	Cu	11.2	27	70	21												
	10	11	30	03	0	1	Ci	11.1	27	8	-10												
	360	11	30	02	0	0	—		33	23	9												
	30	4	30	02	0	0	—	8.3	33	21	8												
	20	7	30	03	0	0	—	6.8	33	21	8												
	40	11	30	02	0	0	—	6.3	35	14	4												
	20	4	30	02	0	0	—	4.5	35	27	13												
	90	1	30	02	0	0	—		33	24	10												
	20	9	30	02	0	0	—	4.1	37	16	7												
	70	5	10	04	2	0	—	4.1	36	20	10												
	70	8	30	04	1	5	Cu, AC	3.2	36	27	14												

At 0600 on Saturday 10th January, 1953

220	5	15	02	1	3	AC	9.9	-7.9	8	18	-1	6	-3	88	6	0	15		
230	11	15	03	0	1	CC	9.7		8	19		7		66	2	0	79		
230	18	15	02	1	3	Cu, Ac	9.4	-9.2	9	18		7		88	7	0	31		
270	15	15	01	1	3	Cu	10.5		9	16		3		62	2	0	69		
200	14	50	03	1	5	Cu, Ci	10.3	-8.6	10	16	-3	7	-3	62	3	0	54	113	
260	13	18	03	0	4	Sc, Ci	9.9	-8.0	9	16	-2			58	1	0	49	82	Alex
200	2	7	03	1	4	AC	9.8	-8.4	7	17	-1	5	-3	66	1	0	9	49	
160	17	14	03	0	2	CS	10.7	-7.3	12	17	-1	11	-1	55	3	0	28		
180	5	18	03	0	1	Ci	10.5	-8.1	11	18		6		38	-3	0	6		
270	13	7	02	1	1	Ci	10.6	-8.0	8	18	-2	5	-3	58	0	0	11	44	
220	5	35	00	0	0	—	10.7	-7.8	6	17	-3	4	-4	71	1	0	19	20	
220	2	35	01	1	1	Cu	11.5	-7.7	8	17	-3	3	-3	58	0	0	2	16	
220	2	35	02	0	0	—	10.8	-8.3	8	17	-3	4	-3	58	0	0	8	11	
180	2	35	01	0	0	—	11.8		10	18		4		77	6	0	16		
220	21	12	02	0	1	Ci	12.7		12			10		47	1	0	4		Cairo
190	16	12	03	0	1	Ci	12.3	-6.8	10	19	0	9	0	47	-1	0	4		
00	0	12	00	0	0	—	12.3	-7.1	9	19	-1	8	0	47	-2	0	14	10	
00	0	12	00	0	0	—	12.4	-7.2	8	20	+1	4	-2	46	-3	0	41	11	
140	4	15	02	0	1	CC	13.0	-6.7	9	17	-2	8	0	34	-6	0	3	11	
00	0	35	02	0	1	St	13.5	-5.9	7	19	-2	4	-2	57	-1	0	13	3	
150	5	10	03	0	1	AC	14.0	-6.3	7	20	0	4	-1	71	2	0	1		
00	0	4	10	1	0	—	14.8	-5.5	8	20	-1	5	-2	66	2	0	0		
00	0	3	10	0	3	Sc, Cu	14.3	-5.5	9	22	+1	4	-2	47	-2	0	0		
00	0	35	03	1	3	Ci	14.3	-4.8	10	22	-1	4	-3	50	0	0	0		
										22	-1								
00	0	50	01	1	3	AS	14.4	-4.7	16	24	-1	10	0	32	-1	0	0		
270	4	14	03	0	1	CC	15.0	-5.7	5	21	+2	3	-1	70	0	0	1	5	
270	3	35	02	0	0	—	14.8	-5.5	12	22	+2	4	-1	44	0	0	dr.	4	
320	5	35	02	0	0	—	16.3		8	22		3		31	-8	0	0		
340	11	50	01	1	3	Ci	15.9	-4.6	5	22	0	3	-2	38	-8	0	0		
00	0	15	02	1	6	Cu, Ac	15.8	-3.7	6	20	-2	4	-2	42	-6	0	0		
180	4	35	00	0	0	—	12.4	-6.4	14	20	0	7	-3	55	5	0	31	9	
360	5	35	02	0	0	—	13.8	-4.2	10	21	0	6	-3	97	10	0	0	7	
270	9	18	02	0	0	—	13.5	-4.2	14	20	0	9	-1	32	-3	0	dr		
310	5	15	02	0	0	—	13.4	-4.4	16	26	+3	13	-1	32	-1	0	dr.	4	
310	5	30	02	0	1	Cu, AC	13.0		25	28		21		70	19	dr.			
00	0	15	03	0	2	Ci	13.7		13	28		9		34	-3	0			
360	4	30	02	0	0	—			19	33		16		16	-8	0			
40	4	30	02	0	0	—	12.0		19	33		17		35	3	0			
350	4	30	02	0	0	—	11.2		20	34		16		43	7	0			
360	5	30	02	0	0	—	10.7		21	35		17		41	7	0			
70	2	30	02	0	0	—	9.3		23	35		17		69	17	0			
360	5	35	02	0	0	—	10.8		22	35		17		38	7	0			
50	13	35	02	0	2	AC	10.2		23	38		15		41	9	0			
310	2	35	02	0	0	—	11.8		21	39		17		13	-9	0			
40	3	30	02	0	0	—	10.4		22	34		15		29	3	0			
00	0	10	04	0	0	—	8.5		21	37		18		53	11	0			
180	6	30	04	1	5	AC	8.7		25	37		19		42	11	0			

9th
55 -11
47 -22
63 -11
46 -12

10th 2.6

Cairo 9th 15h.

129	16	00	0
1486	9	230	17
3073	2	240	25
5715	-12	270	57
7390	-20	260	111
9460	-35		

10th

8	8	8	7	2	8	8	8
270 31	250 26	220 29	180 8	170 26	260 8	60 2	320 6
270 34	260 14	240 35	220 17	220 20	310 3	260 5	280 7
280 31	230 31	280 28	250 26	270 20	280 12	300 8	280 10
		250 17		260 19	260 22	270 16	
				260 30		280 29	240 36

UPPER WIND OBSERVATIONS on 9th

Height	Matruh 14	Port Said 14	Minga 14	Asyut 14	Aswan 14	Siwa 14	Dakhla 14	Kharga 14	Hurghada 14	S. Barani 14	Port Said 20
	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	220 5	170 5	220 3	10 12	250 16	30 3	50 7	90 5	240 24	200 11
500	230 21	220 12	170 7	220 5	360 13	250 16	170 9	10 11	110 2	230 32	220 19
1000	240 20	230 12	190 5	300 6	350 9	250 23	190 6	10 10	10 6	220 38	230 17
1500	250 22	230 16	190 10	280 22	320 12	240 21	270 19		70 9	200 40	230 16
2000	250 32	240 17	170 12	270 20	290 10	260 26	270 20		40 12		260 33
3000		230 17	80 6			290 31					250 35
4000											
5000											
6000											
7000											
8000											

Height											
	8	8	8	8	5	4	4	4		5	4
300	280 24	20 38	340 3	210 3	70 5						
500	290 30	20 48	360 7	260 10	60 8	30 17	40 17	40 25			20 31
1000	300 30	20 50	360 11	270 16	30 5	10 13	30 14	30 24		50 26	20 48
1500	290 37		360 10	260 14	320 8	350 11	330 15	10 23		50 19	30 22
2000	280 46			260 20						10 12	
3000	280 45				330 23	310 13	300 8	320 17		330 15	30 12
4000								300 11		30 1	
5000						280 15		310 8			
6000						290 19		20 17			
7000											
8000											

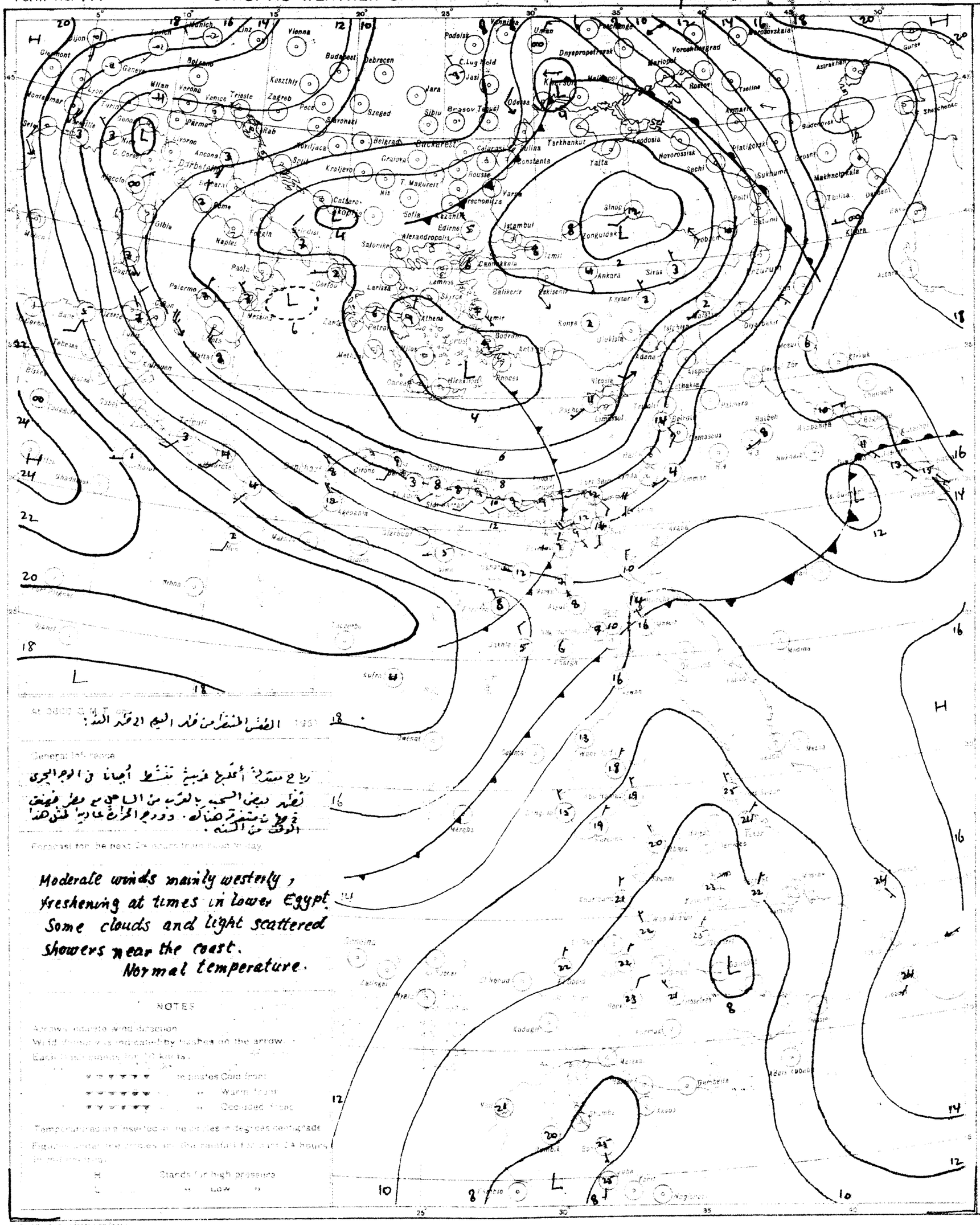
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report
4- All times are in G.M.T., two hours less than the Egyptian standard time

Note: All times are G.M.T.

Printed by the Survey of Egypt 349-49,557-(3/53/)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 10/1/1958



PRESENT WEATHER

WEATHER AT 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
... or sand raised by wind		07
Dust devil		08
Duststorm or sandstorm within sight or at station during last hour		09
Mist		10
Shallow fog		12
Lightning, no thunder heard		13
Precipitation within sight		15
Thunder, no precipitation		17
During past hour but not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	23
	... snow	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		42
Drizzle		50
Rain		60
Showers of rain		80
... snow		87
Hail		91
Thunderstorm without rain		95
... with rain		96
... with hail		99

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or land haze	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cirrus
Cirrostratus
Cumulonimbus
Nimbostratus
Stratocumulus
Cumulus
Altocumulus
Altostratus
Stratus or Fractostratus

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or less but not zero	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

SCALE 1:15,000,000

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

DAILY WEATHER REPORT

Date: Sunday 11th January, 1953

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

At 1200 on Saturday 10th

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
	250	5	35	02	0	2	AC	8.8	17	26	-3
	270	23	8	07	3	1	Ci	8.9	16	42	3
	260	25	1.3	07	3	0	—	8.6	16	30	-2
	270	21	15	00	0	0	—	8.6	17	39	3
	270	22	50	03	2	5	cb	8.6	15	48	4
Alex.	280	23	18	03	1	5	cu	8.9	16	45	4
	320	13	35	00	0	0	—	8.7	16	82	13
	220	24	30	01	0	0	—	8.3	17	46	5
	290	19	15	02	1	1	Cu	9.6	17	34	1
	220	24	35	32	3	0	—	9.4	17	34	1
	220	13	35	02	0	0	—	9.6	17	34	1
	220	3	50	02	0	0	—	9.9	17	34	1
	270	3	35	01	0	0	—	10.2	18	28	-1
Cairo	250	28	10	02	0	1	Ci	11.1	17	22	-5
	250	22	18	02	1	1	Ci	11.0	17	37	2
	270	12	30	03	0	1	AC	11.0	18	26	-2
	270	12	30	03	0	1	AC	10.8	18	37	3
	290	16	35	02	0	2	AC	10.6	18	20	-5
	290	8	35	02	0	0	—	11.6	19	30	1
	300	11	10	00	0	0	—	12.1	21	14	-8
	320	7	18	00	0	0	—	12.8	19	15	-9
	00	0	15	01	0	3	AS	12.6	22	36	6
	130	1	50	00	0	0	—	12.2	23	44	10
	300	4	30	00	2	0	—	11.4	23	32	5
	340	3	50	01	1	3	AS	11.2	24	15	-5
	280	12	14	02	0	1	Ci	13.5	17	20	-6
	270	2	35	02	0	0	—	13.1	18	40	4
	360	5	35	02	0	0	—	14.2	17	30	-1
	340	11	50	00	0	0	—	12.8	21	14	-8
	00	0	15	01	1	1	Ci	12.0	22	21	-1
	180	4	50	03	0	2	Cu, Ci	9.6	22	16	-5
	360	5	35	02	0	0	—	11.4	24	37	6
	100	5	30	02	0	1	Ci	11.4	23	26	2
	90	9	15	02	0	0	—	11.4	22	44	9
	360	4	30	02	0	1	CS	7.5	31	19	5
	320	8	30	02	0	0	—	5.8	32	21	7
	20	11	30	02	0	0	—	5.2	33	12	0
	20	4	30	02	0	0	—	3.3	35	29	14
	360	9	35	02	0	0	—	4.5	34	16	5
	360	5	35	02	0	2	AC,Ci		36	15	6
	310	2	35	02	0	0	—	3.5	37	5	-8
	40	12	30	02	0	0	—	4.4	33	12	0
	00	0	30	02	0	0	—		33	26	11
	100	5	30	02	0	0	—		35	12	1
	40	9	10	04?	0	0	—	1.8	37	12	3
	20	7	30	04?	1	0	—	1.1	37	17	8

At 1800 on Saturday 10th

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
250	5	15	00	0	0	—	9.3	12	55	3	0
260	13	14	13	0	1	CS	8.7	12	51	2	0
240	16	18	13	0	0	—	9.1	11	47	0	0
250	9	7	00	0	0	—	9.3	11	54	2	0
220	27	35	01	2	1	AC	9.8	15	48	4	0
270	24	12	01	1	0	—	9.4	15	42	2	0
320	2		02	0	0	—	10.2	10	76	6	0
200	24	14	02	0	0	—	10.0	13	59	5	0
290	14	15	02	0	0	—	10.0	11	51	1	0
220	20		00	3	0	—	10.7	9	62	2	0
220	13	35	02	0	0	—	11.1	10	50	0	0
00	0	35	02	0	0	—	11.5	9	62	2	0
270	5	35	02	0	0	—	11.5	12	33	-4	0
250	12	12	00	0	0	—	12.8	12	41	-1	0
240	12	12	00	1	0	—	12.1	13	48	2	0
00	0	10	00	0	0	—	12.2	13	38	-1	0
00	0	10	00	0	0	—	12.7	10	50	0	0
250	7	15	02	0	0	—	13.1	11	41	-2	0
00	0	35	02	0	0	—	12.8	12	44	0	0
290	2	8	00	1	0	—	13.6	10	47	-1	0
220	4	12	00	0	0	—	14.4	13	22	-8	0
00	0		02	0	5	Sc, AC	13.9	12	77	8	0
00	0	7	00	0	0	—	13.8	12	63	5	0
00	0	12	00	1	0	—	13.0	14	55	5	0
00	0	50	00	0	0	—	12.6	21	20	-3	0
		8	00	0	0	—	15.0	10	30	-7	0
00	0	15	02	0	0	—	14.4	14	59	6	0
240	3	7	02	0	0	—	15.7	11	41	-2	0
340	15	15	00	0	0	—	[illegible]	13	34	-3	0
00	0	15	00	0	0	—	[illegible]	16	32	-1	0
220	5	15	01	0	0	—	12.2	16	24	-5	0
270	9	15	02	0	0	—	11.2	20	33	3	0
220	1	8	00	0	0	—	11.1	16	45	4	0
330	9	15	02	0	0	—	12.4	21	50	10	0

At 0600 on Sunday 11th January, 1953

Wind Direction	Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud amount (0-8)	Cloud form	Bar. pressure M.S.L. mbs.	Bar. pressure 24 hr change												
250	6	15	00	0	0	—	10.6	-7.2	7	17	-2	6	-3	71	2	0	15		
230	13	15	02	0	1	Ci	10.7		7	17				81	4	0	79		
240	26	18	03	0	1	cb, Ci	10.3	-8.3	8	17		6	-3	82	5	0	36		
250	17	15	01	1	3	Cu	11.4		8	17		6		71	3	0	69		
240	29	50	03	2	6	Cb	11.0	-7.9	12	16	-3	5	-5	77	8	0	54	115	
240	20	14	02	1	4	Sc	10.4	-7.5	10	17	-1	8	-2	67	4	0	49	83	Alex
200	9		03	1	4	Cb	11.0	-7.0	8	16	-2	8	-2	58	0	0	9	50	
210	26	11	02	0	1	AS	11.0	-7.0	10	17	-1	9	-3	58	2	0	28		
220	14	14	00	1	0	—	10.9	-7.7	11			9		41	-2	0	6		
270	24	7	02	1	1	Cu	11.2	-7.4	8	18	-2	6	-2	46	-3	0	11	45	
180	19	35	00	0	0	—	11.8	-6.6	6	17	-3	5	-2	71	1	0	19	20	
220	13	35	02	0	0	—	12.0	-7.2	7	17	-3	5	-1	57	-1	0	2	17	
220	1	35	02	0	0	—	12.7	-6.4	6	19	-1	5	-2	76	2	0	8	11	
250	9	35	02	0	0	—	13.1		9	18		7		47	-2	0	16		
200	20	12	02	0	1	AS.	14.4		9	18		7		58	1	0	4		Cairo
180	16	12	02	1	1	Ci	14.1	-5.0	8	18	-1	7	-2	62	1	0	4		
00	0	10	00	0	0	—	15.0	-4.4	7	19	-1	6	-2	43	-5	0	14	11	
00	0	10	00	0	0	—	14.7	-5.2	6	19	0	5	-1	57	-2	0	41	12	
180	10	7	05	0	1	Ci	15.5	-4.2	6	18	0	5	-3	42	-6	0	3	11	
330	4	35	02	0	1	Ci	15.8	-3.6	4	20	-1	3	-3	56	-4	0	13	3	
190	1	8	02	1	3	Ci	16.5	-3.8	5	21	+1	1	-4	65	-1	0	1		
230	3	14	00	0	2	AC	18.0	-2.3	8	19	-2	6	-1	31	-8	0	0		
00	0	7	01	0	3	AS	18.0	-1.8	10	24	+3	5	-1	62	3	0	0		
270	1	35	00	0	0	—	17.2	-1.9	12	25	+2	4	-3	63	5	0	0		
00	0	30	00	0	0	—	16.4	-2.9	12	24		6		41	-1	0	0		
20	3	50	00	0	0	—	16.4	-2.7	14	25	+2	11	+1	36	-1	0	0		
290	4	13	03	0	2	AC, Ci	16.8	-3.9	6	17	-2	6	+2	49	-4	0	1	5	
270	2	35	02	1	3	Ac	16.8	-3.5	8	19	-1	2	-3	54	-1	0	dr.	4	
270	4	35	01	2	3	Ac	18.6		6	19		3		57	-2	0	0		
340	15	50	00	0	0	—	19.2	-1.3	7	21	-1	4	-1	43	-5	0	0		
00	0	35	00	0	0	—	18.4	-1.2	10	23	+1	6	0	38	-4	0	0		
180	5	35	00	0	0	—	14.4	-4.4	12	22	+2	2	-8	44	0	0	31	9	
40	5	35	01	1	6	AC	14.3	-3.7	13	26	+5	8	-1	34	-3	0	0	8	
330	19	18	02	1	6	Ac	14.6	-3.1	16	23	+3	13	+3	34	0	0	dr		
310	2	15	03	2	7	AS	14.0	-3.8	17	24	+1	15	+1	34	1	0	dr.	4	
00	0	30	02	0	3	Cu	12.1		24	28		21		84	21	dr.			
360	13	30	02	0	0	—	16.0		13	29		10		63	6	0			
360	7	30	02	0	0	—			19	33		16		13	-10	0			
70	4	30	02	0	0	—	12.6		17	33		15		22	-5	0			
360	5	30	02	0	0	—	10.7		20	33		16		46	8	0			
360	6	30	02	0	0	—	10.2		21	34		16		31	3	0			
130	1	30	02	0	0	—	8.4		25	35		16		61	17	0			
360	9	35	02	0	0	—	10.6		21	34		15		35	5	0			
310	2	35	02	0	0	—	9.7		21	37		15		14	-8	0			
10	7	30	02	0	1	Ci	10.9		20	34		14		28	1	0			
00	0	30	02	0	0	—			16	35		12		42	3	0			
60	6	30	03	0	1	Ci			16	36		13		34	0	0			
20	11	30	02	0	0	—	8.5		24	37		21		26	3	0			
00	0	10	04	0	0	—	8.7		22	38		17		50	11	0			
180	3	30	04	1	5	AC, CS	7.6		26	38		19		37	10	0			

UPPER AIR OBSERVATIONS

10th		
	52	-14
	36	-33
	44	-30
	36	-22
11th	2.8	

RAWINSONDE

Cairo 10th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	96	16		250	17
950					
900					
850	1446	4		250	34
800					
700	3013	1		260	67
600					
500	5634	-16			
400	7286	-23			
300					

Remarks

UPPER WIND OBSERVATIONS on 10th

Station	Matruh		Alex. A.P.		Port Said		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		S. Barani		Siwa		Almaza		Minya	
Time	14		14		14		14		14		14		14		14		14		14		14		19	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	260	30	260	23	240	30	310	6	330	10	350	12	360	19	60	9	140	10	260	28	270	27	240	33	310	10
600	260	31	270	27	240	29	300	8	330	10	360	16	10	23	20	9	170	12	260	25	270	30	250	45	280	22
1000	260	29	260	16	240	23	300	10	320	14	330	20	10	28	30	4	250	17	270	31	270	26	250	37	260	22
1500							320	9	260	23	250	14	30	41	290	10	270	22			270	30	260	35	250	26
2000							320	10	250	29	270	26					280	25			270	30	260	36	280	36
3000							220	15																		
4000																										
5000																										
6000																										
7000																										
8000																										

Upper winds (right-hand section)

Station					Alex.																			
Time	8				8		8				7		2		8		8	15					Almaza 7	45
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	26			260	17	230	33			180	9	300	18	300	12	330	9					210	15
600	280	28					240	18			240	17	340	22	290	15	330	10					260	30
1000	280	26					240	16			270	28	350	23	290	20	300	10					260	27
1500	280	24					250	19			270	23	150	20	300	23	290	34						
2000	280	26					260	11					200	6	290	28	270	48						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa																							
Time	8		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	280	30	40	10	310	10	10	10	10	13														
600	270	32	30	12	320	6	350	18	20	17	30	19	40	21	20	28							10	26
1000	290	13	30	16	320	12	330	20	360	13	360	7	30	23	20	26			30	38	300	17	20	30
1500	290	28	20	16	320	11	300	25	340	15	320	6	10	12	30	21			30	23	30	13	20	27
2000	290	32	30	25									330	9										
3000	290	29							270	17	290	26	320	8	40	8			50	1	50	10	90	14
4000									320	13	250	33			30	9								
5000																								
6000															130	8								
7000																								
8000																								

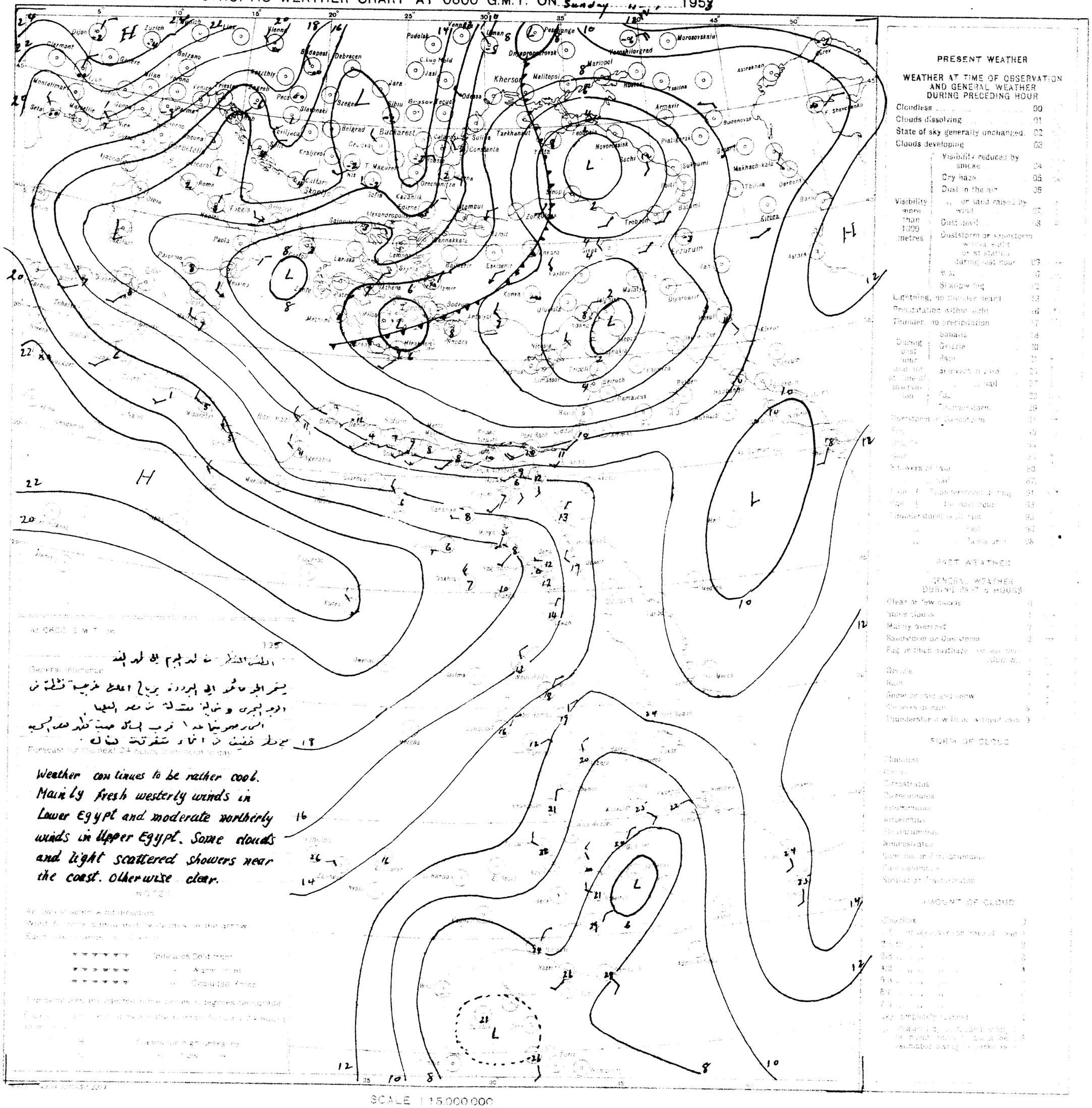
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,553-1,450-6311)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 1958



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: Monday 12th January, 1953

At 1200 on Sunday 11th

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	SALLUM	270	5	35	42	0	2	CS	11.6	16	42	3
303	SIDI BARANI	280	18	18	02	0	2	Cu, Ci	10.8	16	45	4
306	MATRUH	270	23	18	07	2	4	Cb				1
309	EL DABA	290	12	35	02	1	4	Cb	11.0	16	49	5
	ALEXANDRIA	310	22	50	03	5	8	Cu, Sc	11.4	13	67	7
318	Alex	310	12	12	81	2	1	Cb	11.1	15	68	9
330	DAMIETTA	220	9	15	02	1	4	Cu	10.7	16	49	5
333	PORT SAID	210	20	14	03	1	6	Cu, Sc	10.7	14	59	6
336	EL ARISH	230	12	0.5	32	3	3	AS	10.0	17	30	-1
339		310	19	15	02	1	6	Cu	11.2	16	49	5
342		220	9	35	02	1	2		11.5	17	42	4
345		220	13	35	02	0	0	—	11.6	17	42	4
354		220	2	50	02	0	0	—	11.4	16	49	5
		250	13	15	02	0	0	—	11.8	15	39	1
	Cairo	220	20	14	02	1	2	AS	13.5	16	56	7
		230	20	18	03	1	3	Cu	12.6	16	59	8
				18	00	0	2	Cu	12.4	18	34	2
				18	00	0	2	Cu	12.8	18	37	3
		200	13	15	03	1	3	Cu	13.6	14	48	3
		360	4	35	03	2	2	Ci	13.6	17	42	4
		280	11	12	01	1	1	Cu, Ci	14.9	17	34	1
		310	7	30	03	1	2	AC	15.7	15	34	-1
		290	1	15	01	0	3	AC, Ci	16.0	18	28	-1
		290	2	50	00	0	0	—	14.8	20	24	-1
		330	1	30	00	0	0	—	15.7	17	28	-2
		340	3	50	01	1	3	Ci	13.8	21	20	-3
		280	14	13	00	0	0	—	16.0	16	39	2
		270	3	35	01	1	2	AC	15.2	16	59	8
		270	6	35	03	2	3	AC	17.6	16	32	1
		360	11	50	00	0	0	—	17.2	15	30	-3
		340	2	15	02	1	3	Ci	15.6	18	28	-1
		180	9	50	03	0	3	Cu	11.?	18	28	1
		310	9	35	01	1	2	Ci	13.8	17	34	1
		320	20	30	02	0	3	AC	13.3	19	28	0
		20	5	15	01	1	2	Ci	12.7	20	46	8
		40	8	30	02	0	2	Cu	9.4	27	66	20
		350	16	30	03	0	1	Ci	12.1	24	12	-8
		360	3	30	02	0	0	—		31	8	-8
		350	5	30	02	0	0	—	8.3	31	15	1
		340	13	10	07	0	0	—	6.0	31	29	11
		340	8	30	02	0	0	—	6.5		13	1
		360	7	30	02	0	0	—	2.2	2	21	7
		360	9	35	02	0	0	—	4.5	[illegible]	18	7
		50	2	35	02	0	0	—	2.0	37	20	11
		40	15	30	02	0	0	—	4.8	33	10	2
		50	4	30	02	0	0	—		33	14	2
		60	6	30	02	0	0	—		34	5	-10
		40	12	30	02	0	0	—				6
		360	8	10	04	0	2	Ci	2.4	37	16	7
		350	7	30	04	0	0	—	1.4	37	13	5

At 1800 on Sunday 11th

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
220	5	15	00	0	0	—	13.6	14	48	3	0
260	9	14	02	8	4	SC	13.5	14	45	2	dr.
210	9	8	02	1	3	Cu	13.0	10	54	1	0
180	9	7	01	1	1	Cu		10	62	3	0
270	22	35	03	2	4	Cb	13.8	15	48	4	4
00	0	12	02	9	5	Cb	13.3	13	72	8	4
200	5		13	6	0	—	13.9	12	63	5	3
210	12	14	01	6	3	Sc, Cu	13.7	12	77	8	2
240	4	12	13	3	3	AS	13.3	12	59	4	0
310	9	3?	25	6	4	Cu	13.9	10	88	8	2
270	13	3?	03	2	4	Sc, Cu	13.9	12	63	5	0
220	8	7	03	2	8	St	14.0	11	88	9	0
00	0	35	02	0	0	—	14.6	10	76	6	0
250	5	35	01	0	0	—	15.0	11	51	1	0
250	12	12	00	0	0	—	15.5	13	44	1	0
220	10	12	00	0	0	—	15.2	12	61	6	0
00	0	10	00	1	0	—	15.6	12	55	3	0
00	0	10	00	1	0	—	15.6	10	62	3	0
270	3	15	02	0	0	—	16.3	11	51	1	0
00	0	35	01	0	0	—	16.0	10	62	3	0
00	0	8	00	1	0	—	17.1	10	58	2	0
260	2	8	00	1	0	—	17.9	11	33	-5	0
00	0		02	0	4	AS	17.9	9	62	2	0
270	1	7	03	1?	4	Ci	17.5	8	71	3	0
270	10	30	02	3?	5	AC	17.5	12	31	-5	0
360	6	50	00	0	0	—	16.4	17	26	-3	0
250	7	8	01	0	1	SC	17.4	11	47	0	0
270	2	15	02	1	0	—	17.2	8	71	3	0
220	1	7	02	0	0	—	18.4	9	62	2	0
320	9	15	01	1	2	Ci	18.6	11	30	-6	0
00	0	15	00	0	0	—	17.6	11	30	-6	0
180	4	15	01	0	0	—	15.1	14	48	3	0
360	5	15	02	0	0	—	15.4	11	51	1	0
310	11	12	02	0	1	AC	15.2	13	34	-3	0
330	5	15	02	1	2	Ci	14.8	18	28	-1	0

At 0600 on Monday 12th January, 1953

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	Diff. from normal	Min. Today	Diff. from normal						Station
250	5	15	00	0	0	—	14.6	-3.2	7	18	-1	6	-2	71	2	0	15		
230	12	15	02	0	1	Ci	14.5		7	17		7		87	5	dr	79		
220	16	14	02	0	2	Cb	15.7	-2.9	7	17		6		81	4	0	29		
260	10	15	01	1	2	Cu	16.3		8	17				71	3	0	69		
230	16	50	01	5	2	Cu	16.0	-2.9	10	16	-3	9	-1	76	6	4	58	117	
250	13	18	03	0	2	Cu, Ci	16.2	-1.7		15	-3	8	-2		4	4	55	64	Alex
200	2	7	03	0	1	Cu	16.8	-1.1	6	16	-3	5	-3	87	4	3	12	51	
210	16	12	03	0	1	Cb	16.5	-1.5	9	16	-2	8	-4	76	5	2	30		
200	4	30	02	1	1	Cu	16.2	-2.4	11	17		8		54	2	0	8		
310	9	7	02	0	0	—	16.2	-2.4	8	17	-3	6	-2	71	3	2	13	46	
220	5	35	00	0	0	—	16.8	-1.6	6	18	-2	3	-4	71	1	0	19	21	
220	6	35	02	0	0	—	16.8	-2.4	8	18	-2	5	-1	71	3	0.4	2	11	
00	0	35	02	0	0	—	17.2	-1.9	7	17	-3	5	-2	71	2	0	8	12	
270	9	35	01	0	0	—	17.5		9	16		7		62	2	0	16		
200	15	12	00	0	0	—	18.6		9	11		7		62	2	0	4		Cairo
180	12	12	00	0	0	—	18.2	-0.9	8	11	2	7	-2	66	2	0	4		
90	2	8	00	0	0	—	19.0	-0.3	8	19	-1	7	-1	62	1	0	14	11	
90	2	8	00	0	0	—	18.8	-0.7	7	19	0	5	-1	71	2	0	41	12	
140	5	7	05	0	1	AC	[illegible]	[illegible]	7	17	-1	6	-2	71	2	0	3	11	
200	4	35	02	0	0	—	19.9	+0.5	8	17	-4	4	-2	58	0	0	13	3	
150	2	8	00	0	0	—	20.1	-0.3	6	18	-2	2	-2	71	1	0	1		
00	0	8	00	0	1	CS	20.5	0.3	6	16	-5	4	-3	66	0	0	0		
00	0		02	0	5	Sc, Cu	20.4	6	6	19	-2	3	-2	57	-2	0	0		
320	1	15	03	1	7	CS	19.6	[illegible]	8	20	-3	3	-4	71	3	0	0		
00	0	30	03	0	4	AC	19.5	+0	8	20		4		54	-1	0	0		
00	0	50	01	1	3	Ci	[illegible]	-0.8	12	22	-1	8	-2	44	0	0	0		
00	0	14	00	0	0	—	19.8	-0.9	3	17	-2	2	-2	52	-6	0	1	5	
180	2	35	00	0	0	—	20.0	-0.3	9	17	-3	4	-1	62	2	0	dr.	4	
00	0	35	02	0	0	—	21.1		2	17		0		64	-4	0	0		
180	9	50	01	1	3	Ci	20.8	+0.3	5	16	-6	1	-4	38	-8	0	0		
00	0	15	03	2	8	AC	19.9	+0.3	6	19	-3	2	-4	42	-6	0	0		
00	0	35	00	0	0	—	18.4	-0.4	9	19	-1	5	-5	71	4	0	31	9	
310	5	35	01	0	1	Cu	17.7	-0.1	9	21	0	5	-4	47	-2	0	0	6	
280	10	30	01	0	4	Cu, Ac	17.6	-0.1	10	19	-1	8	-2	67	4	0	dr.		
330	5	15	03	1	4	AS	17.9	+0.1	14	24	+1	12	-2	48	3	0	dr	4	
20	4	30	03	0	1	Ci	14.0		15	32		13		25	-5	0			
10	14	10	07	0	0	—	12.4		19	33		16		28	0	0			
30	27	30	02	0	0	—	12.6		19	37		16		16	-8	0			
270	2	30	02	0	0	—	9.8		22	36		18		69	16	0			
360	13	35	02	0	0	—	13.4		22	35		16		16	-5	0			
90	13	35	02	0	2	AC			21	36		15		50	10	0			
360	11	30	03	0	9	Ci	13.7		17	34		13		22	-5	0			
330	4	30	03	1		CS			16	34		12		19	-8	0			
40	12	30	03	0	2	Ci			16	35		14		28	-3	0			
20	14	30	03	0	1	AC	9.2		25	37		21		21	1	0			
180	7	30	04	1	7	Cu, Cs	8.9		25	38		20		36	9	0			

11th

66	0
44	-25
	-21
43	-15

12th 2.6

UPPER AIR OBSERVATIONS

Cairo 11th 15h.

129	15	280	9
1462	2	260	29
2994	-9	260	35
5542	-18	270	72
7190	-27	270	113
9230	-36		

UPPER WIND OBSERVATIONS on 11th

S.Burani 14		Port Said 14		El Arish 14		Minya 14		Asyut 14		Aswan 14		Siwa 14		Dakhla 14		Kharga 14		Hurghada 14				El Arish 20		Minya 20	
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
260	22	270	17	260	39	280	10	300	16	350	12	290	32	350	19	350	17	340	20			240	26	320	4
270	23	260	21	260	40	280	12	300	15	330	16	290	27	330	17	350	20	360	18			260	28	300	3
280	27	270	33	260	32	280	13	290	8	320	13	280	18	320	16	340	18	350	20			260	29	310	5
		280	30			290	17	300	23	290	11	290	23			340	17	310	18			260	29	290	9
						280	23	300	23	270	37	280	28											40	8
												290	30											100	6
												290	43												

12th

8		8		Alex 8		4		2		8		2		8		4 30		8		Almaza 8 15	
260	30	260	18	250	20	260	35	240	26	180	9	150	8	340	6	340	10	330	16	240	13
260	24	260	19	260	20	260	33	250	31	200	9	160	9	340	10	340	12	320	12	260	17
260	23	260	19	270	19	260	24	250	30	270	18	170	4	220	9	340	23	300	7	250	17
250	21	260	28	270	19	250	24	260	27	240	23	160	3	250	9	10	5	300	2?	270	17
240	19			260	15	260	18	250	17	270	20	180	5	270	14	30	7			270	22
240	21			270	23					280	17	200	6	280	31	160	7				

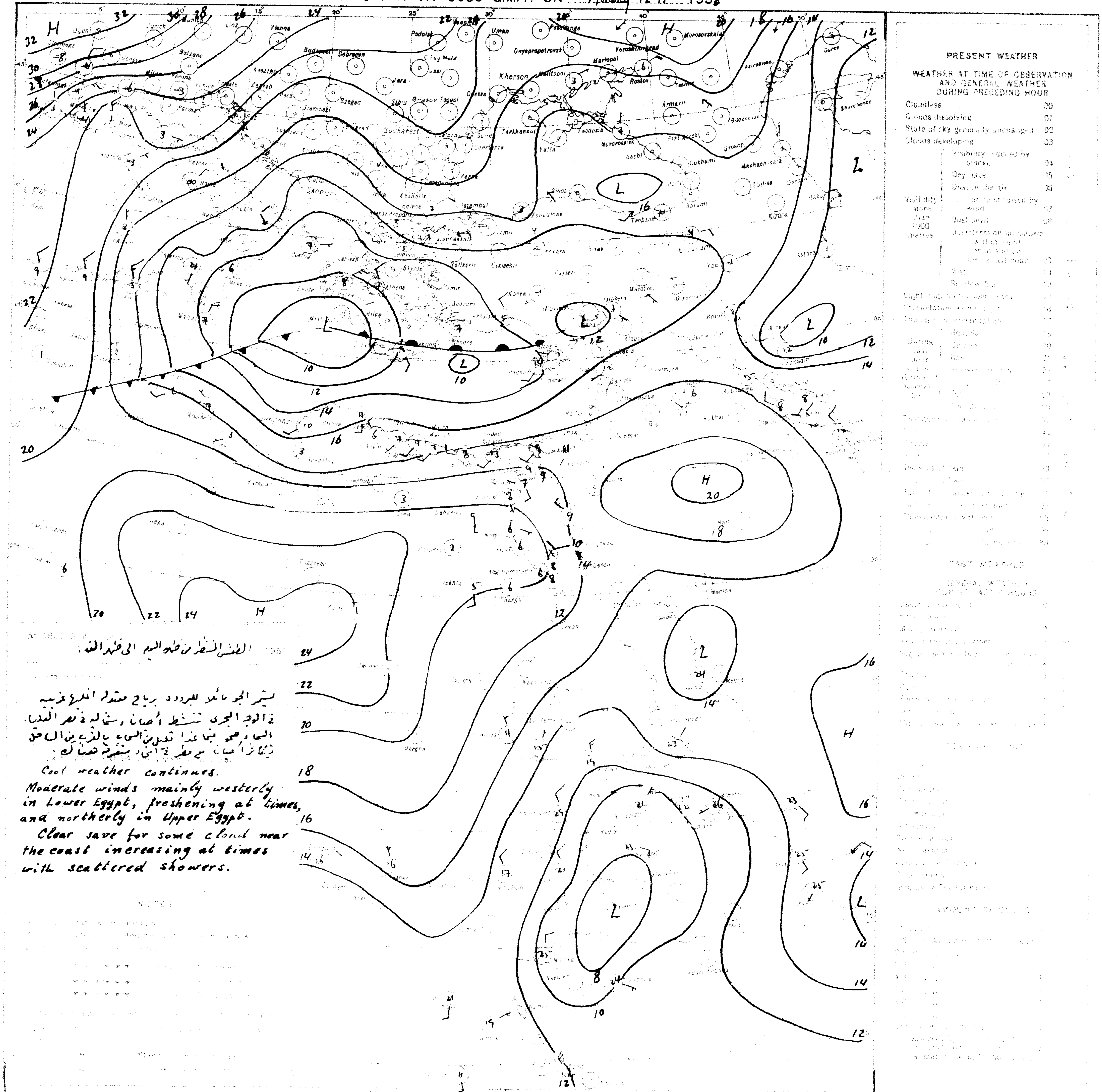
Height m.	8		8		8		8		5		4		4		4		5		5		4	
300	260	22	350	10	40	3	10	10	40	13												
600	260	21	350	6	40	8	10	17	30	19	30	24	40	20	20	32					10	34
1000	270	22	340	16	50	6	10	15	30	16	20	15	30	26	20	28	10	23	360	17	20	49
1500	260	16	360	10	310	10	40	8	40	8	10	9	360	16	30	19	50	39	10	13	40	21
2000	250	18	360	13	270	16	280	16							50	11	70	7			30	10
3000	260	21			290	9			300	17	290	46	290	11	120	5	170	11	100	5	40	6
4000	270	23																				
5000											280	26	260	19							80	7
6000											250	34	240	13							210	13
7000																					360	10
8000																					10	3

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3- Present weather, Past weather, Form and amount of clouds 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 Monday 12 11 1958



الطقس المنتظر من ظهر اليوم الى ظهر الغد:

يستمر الجو مائلا للبرودة برياح معتدلة اغلبها غربية
في الوجه البحري تنشط أحيانا وشمالية في مصر العليا.
السماء صحو فيما عدا قليل من السحب بالقرب من الساحل
تتكاثر أحيانا مع مطر في انحاء متفرقة هناك.

Cool weather continues.
Moderate winds mainly westerly in Lower Egypt, freshening at times, and northerly in Upper Egypt.
Clear save for some cloud near the coast increasing at times with scattered showers.

SCALE 1:15,000,000

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

Form 7F

DAILY WEATHER REPORT

Date: Tuesday 13th January 1953

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

At 1200 on Monday 12th / At 1800 on Monday 12th

Station	1200 Wind Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud Amount 0-8	Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	1800 Wind Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud Amount 0-8	Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
	200	5	15	00	0	0	—	12.6	16	42	3	220	5	15	00	0	0	—	13.5	12	33	-4	0
	220	13	18	03	0	1	AC	13.2	16	30	-2	320	6	14	02	0	0	—	13.5	11	24	-9	0
	230	16	18	00	0	0	—	13.7	16	32	-1	200	10	8	00	0	0	—	14.6	10	47	-1	0
	270	11	35	01	1	2	Cu	15.2	17	34	1	220	6	7	00	0	0	—	16.1	8			0
	240	17	50	02	0	2	Cu	15.2	15	59	7	180	12	50	00	0	0	—	16.8	12	53	0	0
Alex.	280	18	18	02	0	1	Cb	15.2	16	59	8	250	12	12	02	0	0	—	16.2	12	59	4	0
	200	5	35	02	0	1	Cu	15.9	17	52	7	200	5		02	0	1	Cu	17.2	12	77	8	0
	210	16	30	03	0	1	Cu	15.5	16	59	8	160	11	14	02	0	0	—	17.5	12	82	9	0
	300	8	30	03	1	1	Cu	15.8	16	45	4	00	0	14	01	1	0	—	17.2	11	51	1	0
	310	13	15	02	1	1	Cu	15.6	17	52	7	270	9	7	02	0	0	—	16.6	11	77	7	0
	320	9	35	02	1	2	Cu	16.0	18	37	3	270	5		00	1	0	—	17.1	11	63	4	0
	220	8	35	02	0	0	—	15.8	18	46	6	220	5	35	02	0	0	—	17.2	10	76	6	0
	220	2	50	02	0	0	—	16.2	17	42	4	00	0	50	02	0	0	—	17.5	11	63	4	0
	270	9	35	02	0	0	—	15.8	17	34	1	220	2	35	02	0	0	—	17.5	10	62	3	0
Cairo	250	14	18	03	0	1	Cu	17.4	16	42	3	220	16	12	01	0	0	—	17.4	12	51	2	0
	230	18	18	02	1	1	Cu	16.8	17	32	0	180	11	12	00	1	0	—	17.7	11	54	2	0
	40	2	18	03	0	1	Cu	17.0	19	30	1	00	0	12	00	0	0	—	18.0	11	51	1	0
	40	2	18	03	0	1	Cu	17.0	19	37	4	00	0	12	00	0	0	—	17.4	10	47	-1	0
	200	5	35	02	0	1	AC	17.8	16	32	-1	180	3	15	02	0	0	—	17.2	11	41	-2	0
	200	6	35	02	0	0	—	17.6	18	28	-1	00	0	35	02	0	0	—	18.2	9	62	2	0
	260	2	10	00	0	0	—	17.9	18	32	1	00	0	8	00	0	0	—	18.1	10	50	0	0
	340	4	14	02	0	1	AC	18.2	16	34	0	240	2	10	01	1	2	AC	19.2	10	41	-3	0
	190	1	15	02	0	3	AC	17.4	20	41	6	00	0		02	0	4	AC	18.3	12	63	5	0
	270	1	50	00	0	0	—	17.0	21	41	7	270	1	7	02	1	5	Ci	18.3	13	67	7	0
	350	3	30	00	1	0	—	16.8	18	37	3	280	4	12	00	1	0	—	17.5	10	62	3	0
	340	3	50	00	0	0	—	15.6	19	30	1	00	0	15	00	0	0	—	17.2	16	24	-5	0
	260	12	14	03	0	1	CC	17.2	16	19	-8	00	0	8	01	0	0	—	17.4	6	39	-7	0
	270	2	35	02	0	0	—	18.2	16	42	3	00	0	15	02	0	0	—	18.a	8	71	3	0
	00	0	35	03	0	1	AC	19.2	15	20	-8	00	0		01	1	2	Sc	18.3	9	34	-6	0
	340	4	50	00	0	0	—	18.3	18	28	-1	270	9	35	00	0	0	—	18.2	14	27	-5	0
	360	2	15	00	0	0	—	17.1	18	28	-1	00	0	15	03	2	3	AC	17.8	13	34	-3	0
	130	4	50	03	0	3	Cu	16.2	18	46	6	00	0	15	01	0	0	—	17.4	12	55	3	0
	310	9	35	01	0	2	AC	16.4	18	46	6	360	9	15	01	0	2	AC	17.2	12	44	0	0
	10	8	30	03	0	4	Ci	15.9	18	43	5	310	14	12	01	0	0	—	17.0	17	56	8	0
	360	9	15	02	1	4	Ci	16.2	19	52	9	330	2	15	01	1	0	—	16.7	17	52	7	0
	20	16	30	02	1	3	Cu	11.7	27	62	19												
	20	12	30	02	0	0	—	14.9	20	16	-7												
	360	4	30	02	0	0	—		28	10	-6												
	80	5	30	01	0	0	—	10.6	28	10	-6												
	340	12	10	07	0	0	—	7.3	32	26	10												
	360	14	30	02	0	0	—	6.7	32	13	0												
	20	9	10	07	0	0	—	4.5	33	36	16												
	310	13	35	02	0	2	Ci	7.0	33	26	11												
	310	2	35	02	0	0	—		36	22	11												
	20	14	30	02	0	0	—	7.4	29	11	-4												
	20	4	30	02	2	8	CS		29	10	-6												
	30	9	30	03	0	2	AC,Ci		32	9	-5												
	40	9	10	05	0	0	—	4.3	35	18	7												
	50	5	10	04	2	8		3.4	35	13	3												
	340	8	30	04	2	6	Cu,CS	3.4	36	13	4												

At 0600 on Tuesday 13th January, 1953

Wind Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud Amount 0-8	Form	Bar pressure M.S.L. mbs	Diff. from normal mbs	Dry bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal			Rainfall			Station
220	4	15	00	0	0	—	13.8	-4.0	5	18	-1	4	-5	53	-4	0	15		
190	8	15	02	0	0	—	14.6		5	17		4		28	-12	0	79		
200	14	18	00	0	0	—	15.8	-2.8	5	17		4		38	-8	0	29		
270	7	15	00	0	0	—	18.0		6	17		1				0	69		
230	9	50	02	0	0	—	18.7	-0.1	8	16	-3	6	-4	46	-3	0	58	118	
250	5	18	02	0	0	—	18.5	+0.6	6	16	-2	5	-5	66	0	0	55	85	Alex
200	2	7	00	0	0	—	19.9	+2.0	5	17	-1	2	-6	81	2	0	12	52	
180	9	10	02	0	1	Ci	20.1	+2.1	10	17	-1	8	-3	62	3	0	30		
140	2	18	03	0	1	Ci	19.5	+1.0	9	18		5		58	1	0	8		
230	9	7	02	0	0	—	18.3	+1.0	5	18	-2	3	-5	53	-4	0	13	47	
140	5	35	00	0	0	—	19.4	+1.0	4	18	-2	3	-4	65	-2	0	19	21	
200	2	35	02	0	0	—	19.2	0.0	7	18	-2	4	-2	43	-5	0	2	17	
00	0	35	02	0	0	—	19.5	+0.4	7	19	-1	5	-2	66	1	0	8	12	
180	2	35	01	0	0	—	20.4		7	17		3		57	-1	0	16		
190	11	12	03	0	2	CS	20.7		9	18		6		54	0	0	4		Cairo
170	9	12	03	1	2	Ci	20.1	+1.0	9	18	-1	6	-3	47	-2	0	4		
00	0	10	00	0	0	—	20.7	+1.4	7	20	0	6	-2	71	2	0	14	11	
00	0	10	00	0	0	—	20.6	+1.1	4	20	+1	2	-4	65	-2	0	41	12	
160	3	7	05	0	2	Ci	21.1	+1.5	7	16	-2	6	-2	43	-5	0	3	11	
00	0	35	02	1	3	St	21.1	+1.7	4	19	-2	1	-5	65	-2	0	13	3	
00	0	8	03	1	5	Ci	21.2	+0.8	2	18	-2	-1	-5	69	-3	0	1		
140	2	8	00	0	6	AC,Ci	20.7	+0.5	4	16	-5	3	-4	56	-4	0	0		
00	0		03	0	5	Sc,As	19.9	+0.2	11	21	0	5	0	63	4	0	0		
320	1	15	03	1	4	Ci	19.5	+0.4	12	22	-1	8	+1	55	3	0	0		
270	2	30	02	2	3	AC	19.6	+0.4	10	19		4		58	2	0	0		
00	0	50	00	0	0	—	19.5	+0.4	10	20	-3	7	-3	50	0	0	0		
00	0	14	03	0	1	CS	18.7	-2.0	-1	16	-3	-2	-6			0	1	5	
00	0	35	02	2	5	AC	21.1	+0.8	1	16	-4	-3	-8			0	dr.	4	
00	0	35	03	2	3	Sc	20.7		0	18		0				0	0		
00	0	35	01	1	8	Ci	19.5	-1.0	7	18	-3	4	-1	43	-5	0	0		
00	0	15	03	2	8	AC	18.8	-0.8	8	18	-4	6	0	58	0	0	0		
00	0	35	00	0	2	Cu	21.2	+2.4	6	20	0	3	-7	57	-2	0	31	9	
360	5	35	03	1	3	AC	19.1	+1.1	8	18	-3	5	-4	46	-3	0	0	8	
										18	-2								
360	9	15	03	1	0		17.6	-0.2	15	20	-3	12	-2	48	4	0	dr.	4	
320	13	30	03	0	6	Sc,AC	14.8		24	28		22		61	16	0			
00	0	30	02	0	0	—	17.8		9	21		6		37	-5	0			
360	4	30	02	0	0	—			15	29		13		20	-8	0			
50	7	30	02	0	0	—	15.5		15	29		13		30	-3	0			
360	13	10	07	0	0	—	13.5		17	33		15		22	-5	0			
360	8	30	03	0	1	Ci	13.2		18	33		16		17	-8	0			
40	6	30	02	0	0	—	10.3		23	33		15		78	19?	0			
360	9	35	02	0	2	Ci	12.3		20	36		13		15	-8	0			
310	13	35	02	0	3	AC	12.7		21	34		15		50	10	0			
360	10	30	03	1	2	Ci	13.9		16	31		9		19	-8	0			
00	0	30	02	0	8	CS			13	32		9		24	-7	0			
60	6	30	03	1	4	Ci			14	34		10		27	-5	0			
10	16	30	03	1	8	CS	10.1		23	36		19		27	3	0			
360	2	10	04	2	8	CS	10.2		21	37		19		38	6	0			
00	0	30	03	2	7	AC,CS	10.1		24	37		19		47	12	0			

12th
54 -12
49 -19
54 -19
49 -9

13th -0.4

UPPER AIR OBSERVATIONS

RAWINSONDE

Cairo 12th at 15h.

Height	Temp.	Dir	Vel
146	15	230	9
1492	3	250	16
3035	-5	260	16
5593	-20	250	29
7215	-29	260	86
9275	-42	260	130

UPPER WIND OBSERVATIONS on 12th

Minya 14		Asyut 14		Aswan 14		Siwa 14		Dakhla 14		Kharga 14		Hurghada 14		El Arish 14		S. Barani 14		Minya 20		Almaza 20		Port Said 20		Alex. A.P. 20	
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
240	7	320	6	350	9	250	12	320	4	340	16	360	13	250	17	240	26	270	5	220	17	250	17	250	16
250	6	320	5	350	9	250	17	330	5	330	18	300	11	250	17	230	23	220	7	230	23	250	17	260	20
240	8	300	7	40	9	250	16	330	5	320	19	300	11	250	19	240	16	240	6	240	20	240	19	270	17
250	10	260	6	310	13	260	16	290	9	320	15	270	19	240	13			260	11	250	13	230	21	270	17
280	24	290	15	290	16	270	16	280	12			270	21	250	16			260	17	210	17	230	20	260	13
280	7	290	23					280	34					280	16					220	9				
		270	31																						

UPPER WIND OBSERVATIONS 13th

Alex

Time	8		8		2		2		7 45		2		8	
	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
	230	26	230	21	250	14	240	14	160	4	330	3	30	3
	250	25	240	25	260	16	250	12	190	5	320	3	40	5
	240	26	240	19	260	16	240	15	190	13	220	5	330	7
	240	30	240	21	260	16	240	14	240	9	260	11	220	2
	250	23	230	7					240	10			280	12
									230	15				
									250	19				

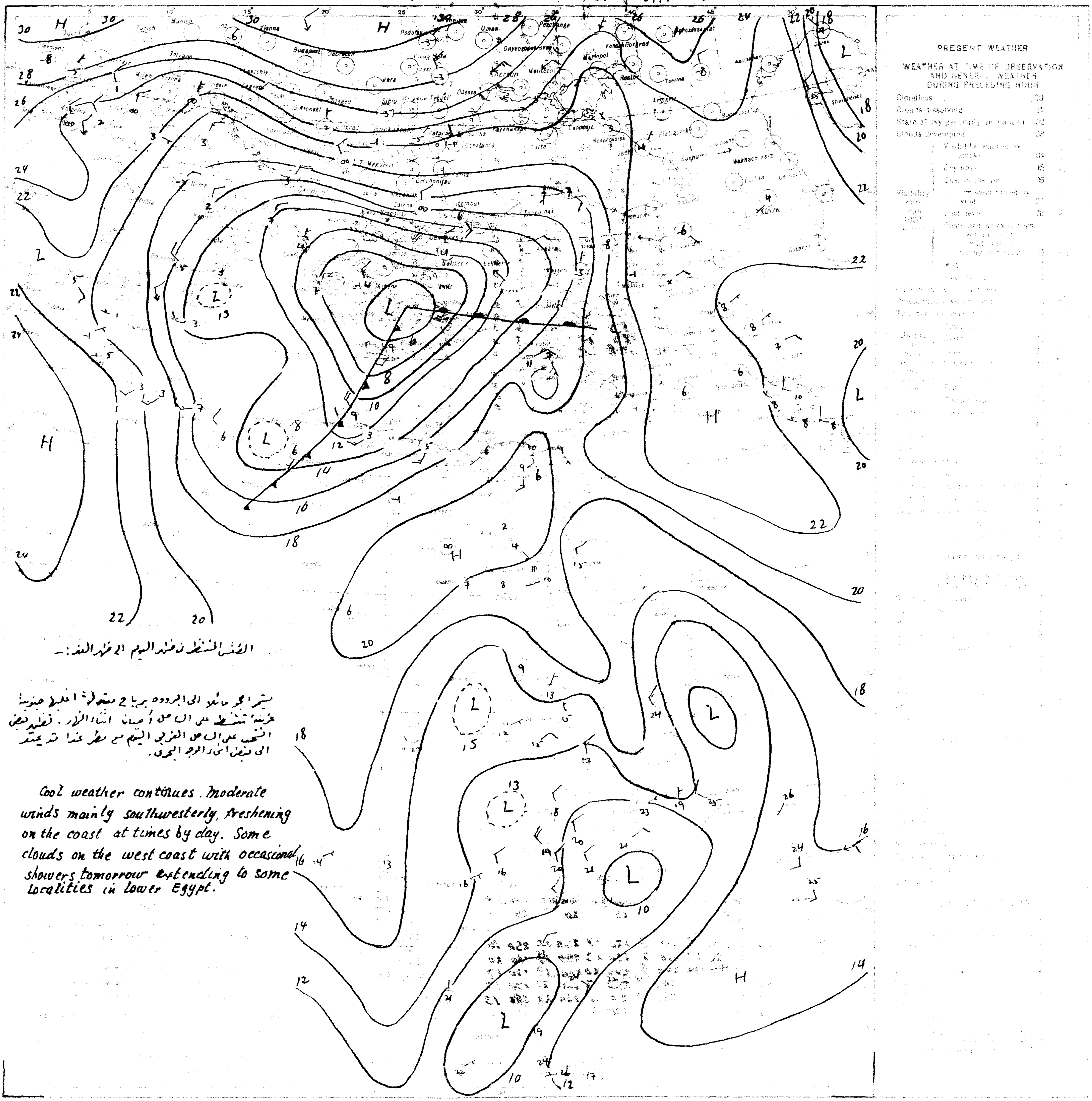
Height m	8		8		8		8		3		4		4		5		5		4	
	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300	230	27	310	8	340	1	30	16												
500	240	28	320	8	350	1	50	18	30	16	30	21	10	32	30	30			20	26
1000	240	23	320	10	350	2	40	13	30	11	20	19	20	29					20	48
1500	240	20	330	7	310	12	360	9	350	22	10	13	20	20	50	24	30	13	20	24
2000	240	26	360	10	280	15	280	14	300	31	320	13								
3000	240	31			280	43	290	42	300	44	270	17	310	2	50	2	6a	9	150	8
4000	240	35																		
5000													280	14			300	2		
6000													200	11			180	10		
7000													290	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.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 13/1/1953



الطقس المنتظر من ظهر اليوم الى ظهر الغد :-

يستمر الجو مائلا الى البرودة برياح معتدلة اغلبها جنوبية
غربية تنشط على السواحل أحيانا اثناء النهار. قليل بعض
السحب على الساحل الغربي اليوم مع مطر غدا قد يمتد
الى بعض انحاء الوجه البحري.

Cool weather continues. Moderate winds mainly southwesterly, freshening on the coast at times by day. Some clouds on the west coast with occasional showers tomorrow extending to some localities in Lower Egypt.

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 7F.

DAILY WEATHER REPORT

Date: Wednesday 14th January, 19523

At 1200 on Tuesday 13th

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility 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	200	5	35	00	0	0	—	12.6	16	32	-1
303	SIDI BARANI	220	14	18	02	0	0	—	13.3	16	32	-1
306	MATRUH	210	15	18	00	0	0	—	15.1	15	18	-9
309	EL DABA	250	12	35	00	0	0	—	16.2	16	32	-1
	ALEXANDRIA	270	16	50	00	0	0	—	17.1	15	30	-3
318	Alex. (Airport)	250	11	18	02	0	0	—	16.9	16	22	-6
330	DAMIETTA	180	5	35	02	0	0	—	16.8	16	36	1
333	PORT SAID	190	5	14	02	0	0	—	16.9	17	37	2
336	EL ARISH											
339	DAMANHUR	270	5	15	02	0	0	—	17.4	17	26	-3
342	MANSURA	220	9	35	00	0	0	—	17.9	17	26	-3
348	TANTA	220	2	35	02	0	0	—	17.5	17	26	-3
354	ZAGAZIG	00	0	50	02	0	0	—	18.0	16	39	2
441	ISMAILIA	140	2	35	02	0	0	—	18.0	18	43	5
366	Cairo (Airport)	220	8	18	02	1	1	CS	18.0	16	42	3
375	ALMAZA	200	7	18	02	1	1	AC	17.6	16	26	-4
	EZBEKIYA	270	3	18	00	0	0	—	17.9	18	24	-3
	GIZA	270	3	18	00	0	0	—	17.6	19	23	-3
378	HELWAN	200	5	35	02	0	1	Ci	18.2	15	30	-3
381	FAIYUM	00	0	35	02	1	3	Ci	18.3	17	34	1
	MINYA	130	1	10	02	2	6	Ci	17.9	17	32	0
	ASYUT MANQABAD	00	0	18	02	2	7	CS	17.9	15	36	0
	NAG HAMMADI	00	0	7	03	2	7	AS	17.5	16	49	5
402	QENA	270	1	50	02	1	8	CS	17.1	17	60	9
405	LUXOR	340	6	30	02	0	6	AC	16.9	16	39	2
414	ASWAN	340	1	50	01	1	2	Ci	15.9	21	26	1
	SIWA	260	6	14	02	0	2		17.1	16	14	-12
	BAHARIYA	00	0	35	02	1	5	AC	18.7	18	37	3
	FARAFRA	00	0	35	03	2	7	AS	18.0	15	20	-8
	DAKHLA	200	4	50	03	2	6	Ci	17.4	19	30	1
	KHARGA	00	0	15	02	2	8	SC	16.8	17	26	-3
	SUEZ	60	3	50	01	0	0	—	17.0	18	28	-1
	TOR	360	5	35	03	1	6	AC	17.5	17	52	7
	HURGHADA	360	11	18	02	1	7	AC	16.2	18	40	4
	QUSEIR	20	5	15	03	2	7	AS	15.0	20	46	8
641	PORT SUDAN	20	14	30	02	2	5	Cu, AS	12.2	26	62	18
	WADI HALFA											
	ABU HAMAD	20	1	30	02	0	0	—		29	11	4
660	KAREIMA	30	13	30	02	0	0	—	10.4	28	20	3
680	ATBARA	20	13	10	07	0	0	—	8.1	31	24	8
	KHARTUM	30	10	30	01	1	0	—	8.1	31	19	5
	KASSALA	40	7	30	02	0	0	—	4.5	33	34	15
	WAD MEDANI	360	9	35	02	0	0	—	6.0	34	16	5
	RENK	310	19	35	02	0	3		7.3	33	26	11
	ROSEIRES	310	5	35	02	0	0	—		35	25	12
	EL OBEID	50	15	30	03	0	5	Ci	7.6	29	13	-2
	EL FASHER	350	2	20	02	2	8	CS		30	9	-6
	GENEINA	90	8	30	02	0	2	Ci		32	7	-8
840	MALAKAL	360	8	10	04	1	4	CS	3.5	36	19	9
	WAU	20	8	10	04	2	8	CS	4.3	34	13	2
	JUBA	50	6	30	04	2	7	CS	3.4	35	15	5

At 1800 on Tuesday 13th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALUM												
SIDI BARANI	180	4	14	13	0	0	—	13.4	9	29	-8	0
MATRUH	190	11	10	00	0	0	—	14.7	9	27	-9	0
EL DABA												
ALEXANDRIA	180	10	35	00	0	0	—	17.5	11	41	-2	0
Alex. (Airport)	00	0	12	02	0	0	—	17.4	6	76	2	0
DAMIETTA	220	5		02	0	0	—	17.9	10	62	3	0
PORT SAID	160	2	18	02	0	0	—	17.4	12	63	5	0
EL ARISH	00	0	14	01	1	0	—	17.6	10	67	4	0
DAMANHUR	230	5		02	0	0	—	17.9	10	38	-4	0
MANSURA	220	5		00	0	0	—	18.3	8	58	0	0
TANTA	220	2	35	02	0	0	—	17.6	8	58	0	0
ZAGAZIG	00	0	35	02	0	0	—	18.8	9	62	2	0
ISMAILIA	110	2	35	02	0	0	—	18.3	11	41	-2	0
Cairo (Airport)	200	9	12	02	0	0	—	19.2?	11	51	1	0
ALMAZA	170	8	12	00	1	0	—	18.4	10	50	0	0
EZBEKIYA	00	0	10	00	0	0	—	18.3	10	41	-3	0
GIZA	00	0	10	00	0	0	—	18.7	8	46	-3	0
HELWAN	00	0	15	02	2	5	CS	19.1	9	47	-2	0
FAIYUM	00	0	35	01	0	0	—	18.3	7	71	2	0
MINYA	00	0	8	00	2	0	—	18.4	10	38	-4	0
ASYUT MANQABAD	270	2	8	01	2	4	AC, CS	18.9	11	41	-2	0
NAG HAMMADI	00	0		02	0	5	AS	18.8	11	77	7	0
QENA	270	1	7	02	1	7	Ci	18.4	11	63	4	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	16.0	17	26	-3	0
SIWA	00	0	8	01	0	0	—	16.7	7	23	-13	0
BAHARIYA	00	0	15	02	1	0	—	19.4	9	47	-2	0
FARAFRA	00	0		03	2	8	AS	19.1	11	19	-12	0
DAKHLA	00	0	15	01	1	3	Ci	17.2	15	39	1	0
KHARGA	00	0	15	00	1	0	—	17.5	12	41	-1	0
SUEZ	00	0	15	02	0	0	—	17.8	12	44	0	0
TOR	360	5	15	03	1	6	AC	17.4	14	45	3	0
HURGHADA	320	12	12	02	0	4	AC	15.7	16	59	8	0
QUSEIR	330	5	15	01	1	5	AS	15.4	18	46	6	0

At 0600 on Wednesday 14th January, 1953

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM																			
SIDI BARANI	210	10	13	02	0	1	AC	13.7		5	16		5		45	-6	0	79	
MATRUH	200	15	18	00	0	0	—	14.0	-4.5	6	16		3		46	-5	0	29	
EL DABA																			
ALEXANDRIA	180	10	50	00	0	0	—	16.7	-2.1	8	16	-3	6	-4	31	-8	0	58	120
Alex. (Airport)	230	5	14	02	0	0	—	16.5	-1.4	5	16	-2	3	-7	61	-2	0	55	87
DAMIETTA	200	2	7	00	0	0	—	16.3	-1.6	5	16	-2	2	-6	70	0	0	12	53
PORT SAID	300	8	12	03	0	1	Ci	16.6	-1.4	11	18	0	8	-3	67	5	0	30	
EL ARISH	170	2	18	02	1	2	Ci	16.6	-1.9	7	18		3	-4	62	0	0	8	
DAMANHUR	230	9	15	02	0	0	—	17.2	-1.4	5	18	-2	3	-5	38	-8	0	13	48
MANSURA	90	3	35	00	0	0	—	17.9	-0.4	2	17	-3	1	-6	64	-4	0	19	22
TANTA	180	5	35	02	0	0	—	17.1	-2.1	6	18	-2	2	-4	42	-6	0	2	18
ZAGAZIG	00	0	35	02	0	0	—	17.6	-1.5	4	18	-2	2	-5	52	-5	0	8	12
ISMAILIA	180	1	35	01	1	2	Ci	17.9		5	19		1		53	-4	0	16	
Cairo (Airport)	170	12	15	03	0	2	Ci	18.4		8	16		4		50	-2	0	4	
ALMAZA	160	9	12	02	1	1	Cc	18.5	-0.6	9	17	-2	6	-3	34	-6	0	4	
EZBEKIYA	00	0	8	00	0	0	—	18.2	-1.1	4	18	-2	3	-5	56	-4	0	14	11
GIZA	00	0	8	00	0	0	—	18.6	-0.9	3	20	+1	2	-3	65	-3	0	41	12
HELWAN	110	3	15	01	1	1	Cc	18.8	-0.8	7	16	-2	5	-3	29	-10	0	3	12
FAIYUM	00	0	15	02	0	1	St?	18.7	-0.7	3	19	-2	0	-6	65	-3	0	13	3
MINYA	00	0	8	01	1	4	Ci	18.5	-1.9	3	18	-2	1	-3	75	-1	0	1	
ASYUT MANQABAD	00	0	8	00	0	7		18.5	-1.7	7	15	-6	5	-2	39	-6	0	0	
NAG HAMMADI	00	0		03	2	6	AS?	18.0	-1.7	9	16	-5	6	+1	67	3	0	0	
QENA	320	1	15	03	1	8	CS	17.9	-1.2	10	18	-5	6	-1	50	0	0	0	
LUXOR	00	0	30	03	2	8	CS	17.3	-1.9	8			4		37	-6	0	0	
ASWAN	340	4	50	03	2	7	NS	16.7	-2.3	12	22	-1	9	-1	33	-4	0	0	
SIWA	00	0	12	00	0	0	—	17.4	-3.3	2	16	-3	-2	-6	60	-5	0	1	5
BAHARIYA	320	2	35	02	0	0	—	19.0	-1.3	5	18	-2	-3?	-8	53	-4?	0	dr.	5
FARAFRA	00	0	35	01	1	2	AC	18.7		0	16		-2?		97	0?	0	0	
DAKHLA	00	0	35	01	2	5	Ci	18.3	-2.2	9	20	-1	6	+1	34	-6	0	0	
KHARGA	00	0	35	03	2	8	NS	18.2	-1.4	10	17	-5	8	+2	38	-4	0	0	
SUEZ	360	4	35	00	0	2	Ci	17.6	-1.1	6	20	0	2	-7	57	-2	0	31	9
TOR	360	5	35	03	2	8	AC	17.2	-0.8	10	19	-2	8	-1	56	0	0	0	8
HURGHADA	290	11	18	02	2	7	Ac	16.8	-0.9	13	18	-2	10	0	31	-4	0	dr	
QUSEIR	310	5	15	03	2	8	AC	16.0	-1.8	16	20	-3	14	0	42	3	0	dr.	4
PORT SUDAN	340	12	30	02	2	7	SC	14.0		23	27		21		65	16	0		
WADI HALFA	10	1	30	03	0	0	—	13.6		11	23		7		67	5	0		
ABU HAMAD	360	4	30	02	0	0	—			16	29		13		20	-7	0		
KAREIMA	30	7	30	02	0	0	—	12.9		15	30		14		25	-5	0		
ATBARA	10	6	30	02	0	0	—	11.3		18	32		14		40	4	0		
KHARTUM	10	5	30	02	1	2	Ci	11.2		19	32		16		26	-1	0		
KASSALA																			
WAD MEDANI	360	5	15	02	1	7	Ci	10.7		19	35		15		19	8	0		
RENK																			
ROSEIRES	310	2	35	02	0	3	Ci	9.9		20	36		17		56	11	0		
EL OBEID	360	5	30	03	1	6	Cs	11.8		17	30		12		24	-4	0		
EL FASHER	00	0	30	03	0	8	CS			13	32		9		29	-5	0		
GENEINA	60	4	30	03	0	1	Ci			13	34		9		34	-3	0		
MALAKAL	20	11	30	03	2	7	AC, CS	8.9		22	37		19		44	9	0		
WAU	00	0	10	04	0	8	CS	9.4		20	35		17		49	9	0		
JUBA	00	0	30	04	1	3	AC, Ci	8.4		26	37		19		35	9	0		

Station	13th	Diff. from normal
[illegible]	42	-24
[illegible]	41	-27
[illegible]	39	-34
[illegible]	38	-20
14th	-4.5	

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Cairo Airport — On 13th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir	Wind Vel.
1000	154	14		240	8
950					
900					
850	1500	2		220	7
800					
700	3060	-4		240	11
600					
500	5633	-22		250	40
400	7247	-31		260	95
300					

Airport — On At

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

Airport — On At

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

UPPER WIND OBSERVATIONS on 13th

Station	S. Barani	Port Said	El Arish	Almaza	Minya	Asyut	Aswan	Siwa	Dakhla	Kharga	Hurghada	Port Said	Minya
Time	14	14	14	14	14	14	14	14	14	14	14	20	20
Height m.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.
300	240 42	200 9	360 11	210 10	220 2	290 6	350 6	230 16	360 6	30 10	340 10	270 3	230 8
600	220 30	220 13	190 1	210 9	330 2	300 7	360 6	230 16	360 4	30 10	330 11	270 5	220 2
1000	230 24	230 13	160 13	220 9	20 3	10 6	10 6	230 16	290 3		330 8	200 14	220 3
1500	230 34	290 21	170 15	220 6	220 5	210 3	320 4	240 28	260 9	360 6	290 6	150 3	190 15?
2000		260 19	190 19		280 12	320 7	320 9	250 31	280 14		280 26		200 19
3000			210 12		280 18				310 25		280 19		180 26
4000													
5000													
6000													
7000													
8000													

UPPER WIND OBSERVATIONS on 14th

Station	Sidi Barani	Matruh	Fouad Airport	Port Said	El Arish	Helwan	Minya	Asyut Manqabad	Luxor	Aswan	Hurghada	
Time	8	4		2		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.	Dir. Vel.
300	240 21	230 22		190 8		160 5	330 3	30 3			330 16	
600	250 24	240 23		160 5		180 6	300 3	320 4			310 8	
1000	250 27	240 34		180 4		300 8	280 4	320 8			270 7	
1500	260 31	230 4		200 3		260 13	260 13	240 9			290 10	
2000	260 24					250 29	250 22	240 23			270 26	
3000	260 19					240 21		250 29			260 32	
4000											250 54	
5000												
6000												
7000												
8000												

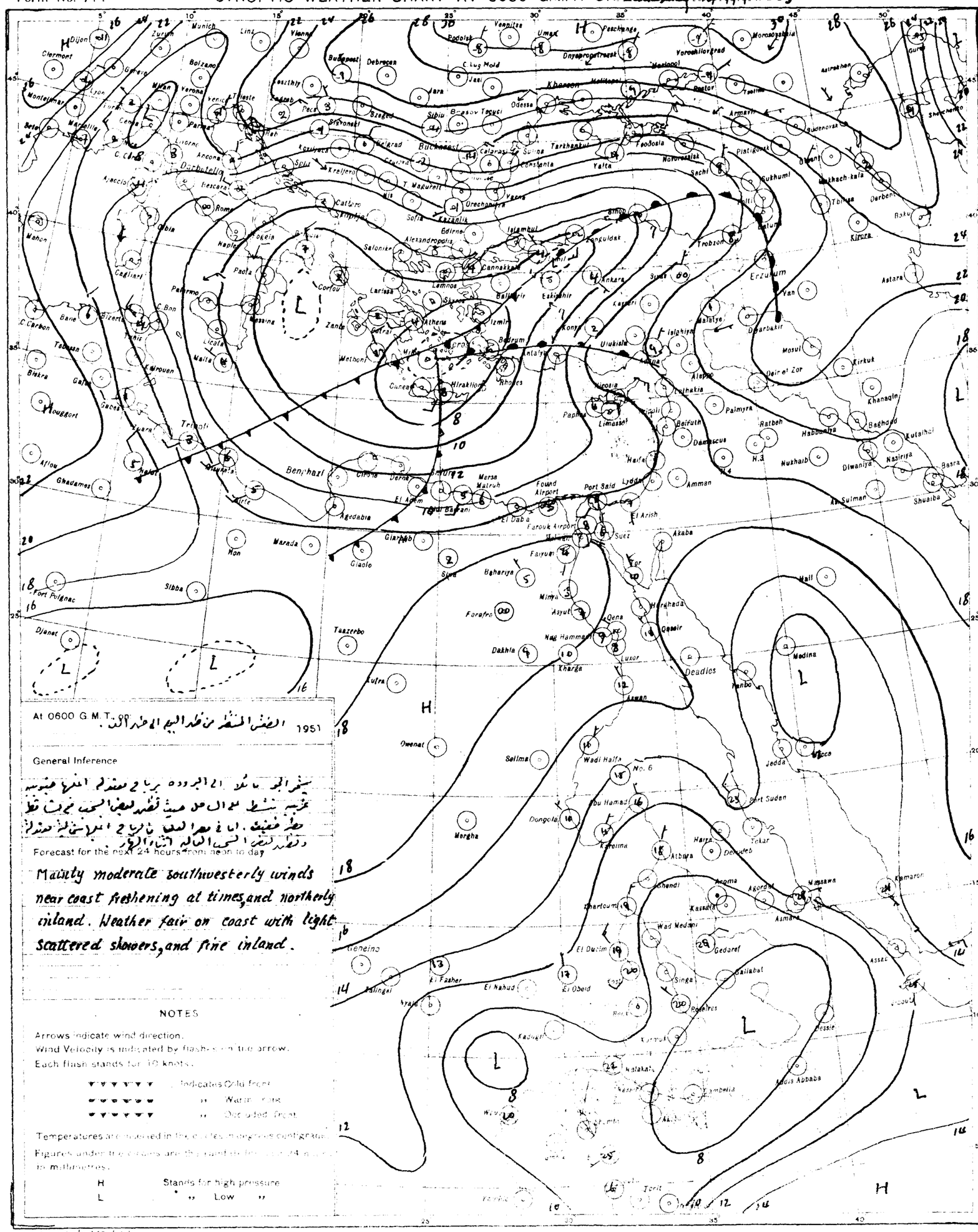
Station	Siwa	Bahariya	Dakhla	Kharga	Wadi Halfa	Abu Hamad	Kareima	Khartum	Kassala	El Obeid	El Fasher	Malakal
Time	8	8	8	8	5	5	4			5	5	
Height m.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.
300	250 28	60 6	180 1	20 10	30 13							
600	270 29	30 4	210 3	30 10	40 19	70 17	60 21			40 21		
1000	270 25	360 10	300 8	360 11	60 11	80 15	80 23			50 21	80 5	
1500	260 34	360 13	330 7	340 19	70 12	30 5	90 9			60 21	120 8	
2000	260 35	360 9	210 15	310 3			350 3			80 27		
3000			250 23	210 18	270 29	250 14	300 18			130 10	260 8	
4000					250 46	190 37						
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.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 14.1.1953



At 0600 G.M.T. on 1951

الضغط المنخفض من خط البحر الاحمر الى

General Inference

يسفر الجو مائلا الى البرودة برياح معتدلة الى منعشة
غربية نشيطة الى حين حيث تهب بعض السحب غربية فقط
حيث خفيف. اما في بعض الاحيان بالرياح الى شمالية معتدلة
وتهب بعض السحب الباردة اثناء الليل

Forecast for the next 24 hours from noon to day

Mainly moderate southwesterly winds near coast freshening at times, and northerly inland. Weather fair on coast with light scattered showers, and fine inland.

NOTES

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

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

Temperatures are indicated in the circles, dangerous contingents.
Figures under the circles are the rainfall in the last 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	Squalis	18
	Drizzle	20
	Rain	21
	Showers of rain	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
St. cumulus
Nimbostratus
Cumulus or Fractocumulus
Cumulonimbus
Stratus or Fractostratus

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky	1
2/8 " "	2
3/8 " "	3
4/8 " "	4
5/8 " "	5
6/8 " "	6
7/8 " "	7
8/8 " "	8
Sky hidden by fog or other phenomena or cloud amount 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.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 15th January, 1953

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	SALŪM	220	5	35	02	0	2	AC	11.9	14	48	3
	303	SĪDI BARĀNI	260	15	18	02	0	1	Ci	11.4	13	41	0
	306	MATRŪH	230	24	15	00	0	0	—	12.1	14	34	-2
	309	EL DABA	230	10	35	00	0	0	—	12.7	14	42	1
		ALEXANDRIA	220	16	50	00	0	0	—	14.7	15	20	-8
	318	Alex (Airport)	250	16	18	02	0	0	—	14.6	16	24	-5
	330	DAMIETTA	320	2	35	02	0	0	—	15.9	17	39	3
	333	PORT SAĪD	310	6	30	02	0	0	—	15.7	16	26	-4
	336	EL 'ARISH											
Lower Egypt	339	DAMANHŪR	230	9	15	02	0	0	—	15.5	17	18	-8
	342	MANSŪRA	220	5	35	00	0	0	—	15.6	17	26	-3
	348	TANTA	00	0	35	02	0	0	—	15.2	17	26	-3
	354	ZAGAZIG	00	0	50	02	0	0	—	15.9	17	39	3
	441	ISMAĪLIA	200	2	35	02	0	0	—	15.8	18	12	-12
Cairo Area	356	Cairo (Airport)	250	7	30	00	0	0	—	16.5	16	20	-7
	372	ALMAZA	200	8	30	00	1	0	—	16.3	17	20	-6
		EZBEKIYA	00	0	18	00	0	0	—	15.9	19	18	-6
		GIZA	00	0	18	00	0	0	—	15.8	20	17	-6
	378	HELWĀN	160	5	35	02	0	0	—	16.3	16	24	-5
	391	FAIYŪM	200	4	35	02	0	0	—	16.2	17	26	-3
	402	MINYA	290	2	12	02	1	1	Ci	15.9	19	28	0
	405	ASYŪT MANQABAD	00	0	18	02	1	5	AC, CS	16.0	17	26	-3
	409	NAG' HAMMADI	00	0	7	03	2	6	AS, Ci	16.4	15	48	4
	412	QENA	270	1	35	02	1	8	AS, Ci	15.4	14	55	5
	409	LUXOR	360	6	30	02	2	7	AS	14.0	16	32	-1
	414	ASWĀN	360	3	50	03	2	7	NS,	12.8	21	26	1
Desert	417	SĪWA	290	17	12	00	0	0	—	16.2	15	18	-9
	420	BAHARIYA	270	2	35	02	0	0	—	16.8	17	42	4
	425	FARAFRA	340	3	35	03	1	1	Sc	17.9	16	15	-11
	432	DAKHLA	340	4	35	01	2	6	Ci	15.6	17	26	-3
	438	KHARGA	00	0	35	02	2	8	St	15.2	18	28	-1
Red Sea	450	SUEZ	00	0	50	01	0	0	—	15.5	19	30	1
	454	TOR	310	5	35	03	2	7	AC	15.4	18	46	6
	457	HURGHADA	350	6	50	02	2	7	AC	15.5	18	34	2
	465	QUSEIR	360	5	15	02	2	8	AS	15.2	20	46	8
	641	PORT SŪDĀN	20	13	30	02	2	8	SC, AC	10.9	25	70	19
Sudan	642	WĀDI HALFA	340	7	30	02	0	1	Ci	11.5	19	32	2
	646	ABU HAMAD											
	660	KAREIMA	80	5	30	02	0	0	—	7.2	30	33	12
	680	ATBARA	20	10	30	02	0	0	—	6.5	32	17	4
	721	KHARTŪM	80	3	30	03	0	3	CS	6.8	32	24	9
	730	KASSALA	360	6	30	02	2	7	CS	2.8	35	30	15
	751	WAD MEDANI	360	9	35	02	2	6	Ci		35	13	3
	801	RENK	310	13	35	02	0	4	AC	4.2	35	30	15
	802	ROSEIRES	50	2	35	02	1	2	Cu		37	20	11
	771	EL OBEID			30	02	2	6	CS	6.8	31	15	1
	760	EL FASHER											
	770	GENEINA											
	940	MALAKĀL	10	11	10	04	2	5	CS	3.1	35	23	11
	880	WAU	20	8	10	04	2		Ci	3.8	33		
	941	JUBA	90	6	30	01	0	6	CS	1.8	37	17	8

At 1800 on Wednesday 14th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	220	5	15	00	0	0	—	11.9	10	38	-4	0
303	SĪDI BARĀNI	220	9									-3	0
306	MATRŪH	210	10	14	00	0	0	—	13.0	8	62	1	0
309	EL DABA	180	5	7	00	0	0	—	14.7	7	87	5	0
	ALEXANDRIA	220	11	35	00	0	0	—	16.3	11	30	-6	0
318	Alex (Airport)	220	5	12	02	0	0	—	15.9	10	44	-2	0
330	DAMIETTA	160	2		02	0	0	—	16.0	8	71	3	0
333	PORT SAĪD	40	3	18	02	0	0	—	16.9	11	67	5	0
336	EL 'ARISH	00	0	14	01	1	0	—	16.5	10	82	7	0
339	DAMANHŪR	230	5	7	02	0	0	—	16.3	8	58	0	0
342	MANSŪRA	220	3		00	0	0	—	17.4	8	58	0	0
348	TANTA	220	2	35	02	0	0	—	16.7	8	46	-3	0
354	ZAGAZIG	00	0	35	02	0	0	—	16.8	10	50	0	0
441	ISMAĪLIA	140	2	35	02	0	0	—	16.8	8	58	0	0
356	Cairo (Airport)	200	10	12	00	0	0	—	17.4	10	30	-7	0
372	ALMAZA	170	10	12	00	0	1		16.7	10	32	-6	0
	EZBEKIYA	00	0	10	00	0	0	—	16.7	9	44	-3	0
	GIZA	00	0	10	00	0	0	—	17.4	9	54	0	0
378	HELWĀN	200	2	15	02	0	0	—	17.5	11	30	-6	0
391	FAIYŪM	00	0	35	02	0	0	—	16.3	7	57	-1	0
402	MINYA	00	0	8	03	1	3	AC	16.5	10	47	-1	0
405	ASYŪT MANQABAD	40	3	10	02	1	7	AC	16.9	13	36	-2	0
409	NAG' HAMMADI	00	0		02	0	5	AS	16.3	12	55	3	0
412	QENA	00	0	7	02	1	7	CS	16.0	11	63	4	0
409	LUXOR	00	0	12	02	2	7	AS	15.7	11	54	2	0
414	ASWĀN	00	0	50	03	2	8	NS	14.8	18	18	-7	0
417	SĪWA	260	4	8	00	0	0	—	16.8	6	39	-7	0
420	BAHARIYA	270	2	15	02	0	0	—	17.5	9	47	-2	0
425	FARAFRA	290	2		03	2	6	SC	18.4	11	19	-12	0
432	DAKHLA	340	11	15	01	1	5	Ci	16.6	14	27	-5	0
438	KHARGA	00	0	15	02	2	7	St	15.8	14	36	-1	0
450	SUEZ	00	0	15	02	0	0	—	16.6	11	51	1	0
454	TOR	40	5	15	03	2	5	AC, Ci	15.0	13	44	1	0
457	HURGHADA	280	3	12	02	2	5	AC	15.2	14	36	-1	0
465	QUSEIR	360	2	15	01	1	4	AS	15.8	18	46	6	0
641	PORT SŪDĀN												
642	WĀDI HALFA												
646	ABU HAMAD												
660	KAREIMA												
680	ATBARA												
721	KHARTŪM												
730	KASSALA												
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FASHER												
770	GENEINA												
940	MALAKĀL												
880	WAU												
941	JUBA												

At 0600 on Thursday 15th January, 1953

Index Number	Station	Wind 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	220	5	15	02	1	2	AC	10.8	-7.0	6	14	-5	4	-5	87	4	0	15	
303	SIDI BARANI	230	7	13	03	0	6	SC, AC	11.9		5	13		4		65	-1	0	79	
306	MATRUH	210	19	12	00	0	0	—	13.9	-4.6	5	15		2		53	-4	0	29	
309	EL DABA	220	11	15	01	1	2	Ci	15.5			14		1				0	69	
	ALEXANDRIA	180	13	50	03	1	3	Ci	16.0	-2.8	5	16	-3	4	-6	53	-4	0	58	121
318	Alex (Airport)	240	10	14	03	0	1	Cu	15.7	-2.2	5	16	-2	3	-7	53	-4	0	55	88
330	DAMIETTA	220	2	3	03	1	6	Cu, Sc	17.0	-0.9	5	17	-1	3	-5	70	0	0	12	54
333	PORT SAID	220	17	12	02	1	8	AS	16.7	-1.3	9	17	-1	8	-3	50	-1	0	30	
336	EL 'ARISH	240	6	18	50	5	7	Cu, Sc	16.5	-1.9	9	17		5		76	5	dr.	8	
339	DAMANHUR	230	9	7	02	1	1	Cu	16.0	-2.6	4	18	-2	2	-6	52	-5	0	13	49
342	MANSURA	270	5	35	02	1	3	Cu	16.7	-1.6	5	18	-2	2	-5	53	-4	0	19	22
348	TANTA	220	2	35	03	2	7	Cu	17.0	-2.2	5	18	-2	1	-5	53	-4	0	2	18
354	ZAGAZIG	00	0	35	02	1	5	Cu	17.5	-1.6	6	19	-1	4	-3	76	2	0	8	12
441	ISMAILIA	270	2	35	02	2	8	AS	17.8		7	19		2		43	-5	0	16	
356	Cairo (Airport)	220	11	12	01	2	5	AS	18.5		9	17		5		34	-6	0	4	
372	ALMAZA	180	6	12	02	2	7	SC	18.1	-1.0	8	18	-1	6	-3	40	-5	0	4	
	EZBEKIYA	00	0	10	02	2	7	NS	18.0	-1.2	9	19	-1	5	-3	37	-5	0	14	11
	GIZA	00	0	10	02	2	7	NS	18.4	-1.0	9	21	+2	3	-2	34	-6	0	41	12
378	HELWAN	340	3	7	01	2	6	AC	17.2	-0.4	7	16	-2	6	-2	29	-10	0	3	12
391	FAIYUM	00	0	35	02	2	7	Cu, Sc	19.2	-0.2	7	19	-2	3	-3	57	-1	0	13	3
402	MINYA	00	0	8	02	1	2	AC	19.6	-0.8	8	19	-1	6	+2	43	-4	0	1	
405	ASYUT MANQABAD	270	2	10	00	0	0	—	19.9	-0.3	7	18	-3	6	0	29	-10	0	0	
409	NAG' HAMMADI	20	1		00	0	0	—	19.4	-0.3	9	17	-4	6	+1	62	2	0	0	
412	QENA	270	2	35	00	0	0	—	18.2	-0.9	12	15	-8	5	-2	44	0	0	0	
409	LUXOR	00	0	30	00	0	0	—	17.7	-1.5	10	17		3		47	-1	0	0	
414	ASWAN	340	4	50	01	1	1	Ci	17.0	-2.0	14	22	-1	11	+1	18	-10	0	0	
417	SIWA	260	7	12	03	0	1	AC	18.2	-2.5	6	15	-5	4	0	49	-4	0	1	5
420	BAHARIYA	00	0	35	02	0	0	—	19.6	-0.7	8	18	-2	1	-4	46	-3	0	dr.	5
425	FARAFRA	200	5	35	02	0	0	—	20.7		3	18		0		44	-8	0	0	
432	DAKHLA	210	11	50	00	0	0	—	21.2	+0.8	6	18	-3	4	-1	42	-6	0	0	
438	KHARGA	360	1	15	00	0	0	—	19.5	-0.1	10	19	-3	8	+2	26	-9	0	0	
450	SUEZ	310	4	35	00	2	8	NS	18.0	-0.7	11	20	0	3	-6	19	-12	0	31	9
454	TOR	40	9	35	03	2	7	Sc, Cu	15.8	-2.2	12	21	0	6	-3	33	-4	0	0	8
457	HURGHADA											19	-1							
465	QUSEIR	330	5	15	02	0	0	—	15.4	-2.4	17	20	-3	14	0	42	4	0	dr.	4
641	PORT SUDAN	310	5	30	01	1	6										19	0		
642	WADI HALFA	360	10	30	01	0	2	AC	16.9		15	22		13		16	-11	0		
646	ABU HAMAD	20	1	30	02	0	0	—			18	31		14		32	1	0		
660	KAREIMA	330	4	30	02	0	0	—				32		13			3	0		
680	ATBARA	360	3	30	02	0	0	—	12.7		20	32						0		
721	KHARTUM																			
730	KASSALA	360	3	30	02	0	0	—	10.8		22	35		16		74	17	0		
751	WAD MEDANI	360	9	35	02	0	0	—	12.0		20	35		13		49	9	0		
801	RENK																			
802	ROSEIRES																			
771	EL OBEID	350	5	30	02	1	3	Ci	12.4		19	32		15		28	0	0		
760	EL FASHER	00	0	30	03	2	7	CS			13	33		10		29	-5	0		
770	GENEINA																			
940	MALAKAL																			
880	WAU	150	2	10	05	2	6	Ci	10.0		21	36		17		57	12	0		
941	JUBA	90	5	15	04	2	8	AC, CS	11.2		23	37		20		61	15	0		

UPPER AIR OBSERVATIONS

HUMIDITY

Station	Mean of day on 14th	Diff. from normal
Alexandria	31	-35
Ezbekiya	43	-25
Giza	52	-21
Helwan	27	-31

GIZA GRAND MINIMUM TEMP. on 15th 1.2

Remarks

Aeroplane Ascent

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

Remarks

RAWINSONDE

Cairo On 14th Pressure mbs.	Height above M.S.L. metres	Airport At 15th Temp. °C	Humid %	Wind Dir.	Vel.
1000	138	16			
950					
900					
850	1486	4			
800					
700	3047	-3			
600					
500	5617	-22			
400	7219	-33			
300	9190	-45			

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

On 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 14th

Height m.	Alex. A.P. 14 Dir.	Vel.	Port Said 14 Dir.	Vel.	El Arish 14 Dir.	Vel.	Almaza 14 30 Dir.	Vel.	Minya 14 Dir.	Vel.	Asyut 14 Dir.	Vel.	Aswan 14 Dir.	Vel.	Siwa 14 Dir.	Vel.	Dakhla 14 Dir.	Vel.	Kharga 14 Dir.	Vel.	Hurghada 14 Dir.	Vel.	Alex. A.P. 20 Dir.	Vel.	Minya 20 Dir.	Vel.
300	240	16	270	2	20	7	220	9	270	3		6	360	12	270	30	330	11	20	14	330	6	230	17	330	4
600	230	15	240	8	130	8	220	12	360	4	360	6	30	16	270	28	340	10	30	18	290	5	230	17	340	3
1000	220	18	220	10	170	9	220	12	290	3	360	3	40	13	270	17	360	10	30	16	260	6	230	17	330	3
1500	220	17	200	12	250	17	240	12	250	21	250	26	100	9	260	24	280	3	20	10	240	16	190	20	30	3
2000					240	22	250	30	240	26	240	19	350	7	260	27	220	16			280	16			350	4
3000					240	27					250	19			250	32	230	31			260	10				
4000											240	34														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

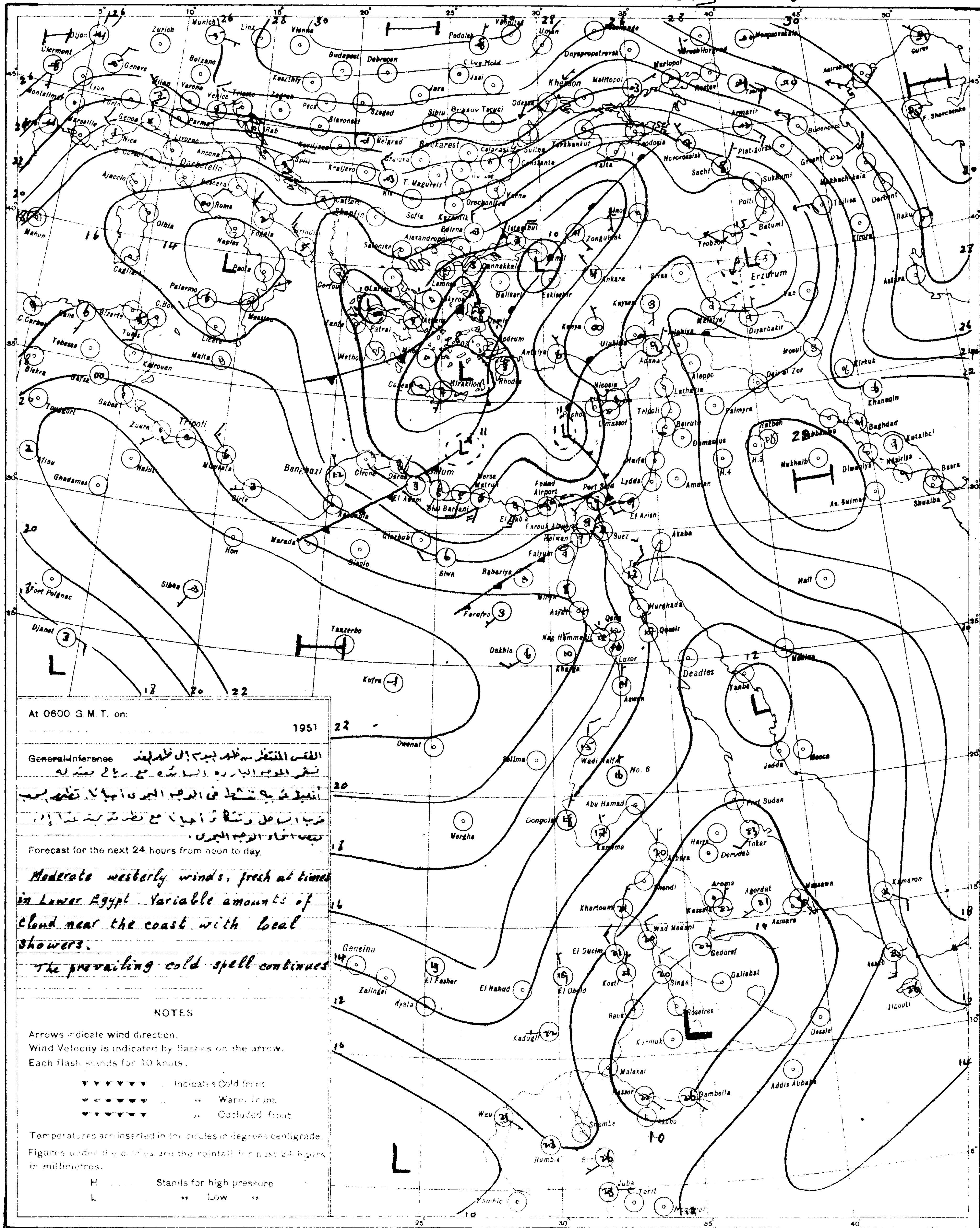
Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Almaza	
Time	8				8		2				7 30		2		8						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	30			230	20	250	23			200	7	350	12	300	7					220	21
600	270	34			230	22	250	19			240	13	350	14	300	23					240	26
1000					240	23	240	16			260	23	340	11	310	22					250	18
1500					230	22	210	28			250	23	10	7	300	30					260	30
2000					240	23	210	23			250	39	10	14	260	40					240	17
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Geneina	
Time	8		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	260	36	30	26	310	23	10	13	350	13														
600	260	49	20	15	330	26	350	21	350	11	80	7	50	13										
1000	290	36	10	16	320	31	330	22	320	11	310	2	70	11										
1500			10	21			280	9	300	20	250	12	280	5										
2000																								
3000									270	30	270	32	270	17										
4000									260	52														
5000											230	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.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 15-1-1952*



At 0600 G.M.T. on: 1951

General Inference الطقس المنتظر سيظل بوجه عام كما هو
نظرا للموجة الباردة السائدة مع رياح معتدلة
إتجاهها غربية تنشط في الوجه البحري أحيانا. تظهر سحب
قرب السواحل وتتساقط أحيانا مع رخات بسيطة أيضا
تبقى آثار الموجة الباردة.

Forecast for the next 24 hours from noon to day.

Moderate westerly winds, fresh at times in Lower Egypt. Variable amounts of cloud near the coast with local showers.

The prevailing cold spell continues

NOTES

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

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

Temperatures are inserted in the 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 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: Friday 16th January, 1953

At 1200 on Thursday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	270	6	7	07	1	6	AS	12.8	15	48	4
	303	SÎDI BARÂNI	270	22	1.3	07	1	4	Cu	11.9	14	48	3
	306	MATRÛH	260	31	1.3	07	3	1	SC	12.5	14	55	5
	309	EL DAB'A	270	22	15	02	1	4	Cb	14.4	13	44	1
		ALEXANDRIA	240	27	50	03	2	4	Cu, Ci	14.6	11	41	-2
	318	Alex (Airport)	260	21	18	01	1	1	Ci	15.0	12	38	-2
	330	DAMIETTA	220	9	35	01	0	1	Cu	15.5	15	45	3
	333	PORT SA'ÎD	210	17	30	02	0	1	SC	15.6	15	32	-2
	336	EL 'ARISH	270	3	30	01	6	2	Ns	15.9	14	27	-5
LOWER EGYPT	339	DAMANHÛR	270	30	7	02	0	0	—	14.8	14	36	-1
	342	MANSÛRA	180	9	35	02	1	2	Cu	14.8	16	24	-5
	348	TANTA	220	13	35	02	1	0	—	15.2	16	24	-5
	354	ZAGAZIG	220	3	50	01	1	2	Cu	15.8	16		
	441	ISMAÎLIA	270	13	35	01	0	0	—	16.4	15	20	-8
CAIRO AREA	366	Cairo (Airport)	220	26	13	03	0	1	Cu	17.3	15	27	-4
	372	ALMÂZA	220	23	30	03	0	1	Cu	17.2	15	21	-7
		EZBEKÎYA	270	9	6	06	2	0	—	16.6	16	20	-7
		GÎZA	270	9	6	06	2	0	—	16.7	17	18	-8
	378	HELWÂN	200	20	15	07	0	1	Cu	17.5	15	15	-12
	381	FAIYÛM	220	8	35	02	1	0	—	17.4	17	26	-3
	387	MINYA	270	13	10	00	1	0	—	18.5	18	14	-10
	393	ASYÛT MANQABAD	310	8	18	00	0	0	—	19.6	16	15	-11
	399	NAG' HAMMADI	250	2	7	00	0	0	—	18.3	18	28	-1
	402	QENA	290	2	50	00	0	0	—	17.5	19?	23	-3
	405	LUXOR	320	18	12	00	0	0	—	17.6	20?	13	-10
	414	ASWÂN	340	6	50	00	0	0	—	16.8	19	16	-8
OASES	417	SÎWA	280	21	12	00	0	0	—	18.6	14	42	7
	420	BAHARÎYA	270	6	15	02	0	0	—	19.9	15	48	4
	423	FARAFRA	270	7	35	09	3	0	—	21.0	14	[illegible]	-10
	432	DAKHLA	320	15	35	00	0	0	—	20.4	16	24	-5
	435	KHARGA	360	2	15	00	0	0	—	18.4	17	30	-1
RED SEA	450	SUEZ	180	4	50	01	0	0	—	16.8	16	25	-5
	459	TÔR	310	9	35	02	1	0	—	16.8	18	20	-5
	462	HURGHADA	300	25	12	05	0	0	—	16.2	20		
	465	QUSEIR	20	9	15	02	0	0	—	15.0	20	53	10
	641	PORT SÛDÂN	50	11	30	02	0	1	Cu	11.1	27	78	23
	605	WÂDI HALFA	350	25	9	07	0	0	—	16.1	21	15	-7
	640	ABU HAMAD	310	2	30	02	0	0	—		29	20	4
	660	KAREIMA											
	680	ATBARA	360	10	30	02	0	0	—	8.5	32	26	10
	721	KHARTUM	330	9	30	02	0	0	—	7.8	33	16	4
		KASSALA											
	751	WÂD MEDANI											
	801	RENK	360	5	35	02	0	4	AC		36	24	12
	802	ROSEIRES											
	771	EL OBEID	40	9	30	03	1	6	CS	6.6	33	11	-1
	766	EL FASHER											
	770	GENEINA											
	840	MALAKÂL	40	10	10	04	2	5	AC	4.9	35	13	3
	880	WAU	50	5	10	04	2	8	CS	4.2	37	16	7
	941	JUBA	310	4	30	04	2	7	CS	3.1	37	11	2

At 1800 on Thursday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALÛM	270	5	15	00	0	0	—	16.3	12	44	0	0
SÎDI BARÂNI	270	16				2	Cu	14.7	12	67	6	2
MATRÛH	350	24	8	13	1	2	SC	14.9	11	71	6	0
EL DAB'A	270	15	7	00	0	0	—	15.4	11	54	2	0
ALEXANDRIA	270	38	35	03	5	6	Cb				4	dr.
Alex (Airport)	280	28	8	82	8	7	Cu, SC	14.6	12	67	6	0.2
DAMIETTA	200	5	7	00	0	0	—	16.2	9	62	2	0
PORT SA'ÎD	210	19	10	02	0	0	—	16.7	11	54	2	0
EL 'ARISH	200	2	14	01	1	0	—	16.5	8	46	-3	1
DAMANHÛR	270	19	15	02	0	0	—	15.5	9	62	2	0
MANSÛRA	220	9		00	1	0	—	16.8	8	58	0	0
TANTA	220	13	35	02	0	0	—	16.8	9	62	2	0
ZAGAZIG	220	2	35	02	1	0	—	17.6	8	71	3	0
ISMAÎLIA	270	9	35	02	0	0	—	18.0	10	50	0	0
Cairo (Airport)	220	12	10	00	0	0	—	18.9	11	54	2	0
ALMÂZA	220	10	10	00	0	0	—	18.6	10	50	0	0
EZBEKÎYA	250	3	10	00	3	0	—	19.4	11	47	0	0
GÎZA	250	3	10	00	3	0	—	19.0	10	47	-1	0
HELWÂN	220	2	7	05	0	0	—	19.9	9	47	-2	0
FAIYÛM	00	0	35	02	0	0	—	19.0	9	62	2	0
MINYA	00	0	8	00	0	0	—	19.7	7	53	-2	0
ASYÛT MANQABAD	250	5	10	00	0	0	—	20.4	9	27	-9	0
NAG' HAMMADI	00	0		00	0	0	—	19.8	11	51	1	0
QENA	270	1	7	00	0	0	—	20.0	10	38	-4	0
LUXOR	320	2	12	00	0	0	—	20.7	11	30	-6	0
ASWÂN	00	0	50	00	0	0	—	19.6	16	15	-11	0
SÎWA	270	11	8	01	0	0	—	22.0	11	47	0	0
BAHARÎYA	270	2	15	02	0	0	—	20.6	7	71	2	0
FARAFRA	130	3	7	02	0	0	—	22.0	7	43	-5	0
DAKHLA	320	15	35	00	0	0	—	21.5	9	34	-6	0
KHARGA	00	0	15	00	0	0	—	19.5	10	26	-9	0
SUEZ	180	5	35	02	0	0	—	18.3	14	52	4	0
TÔR	360	5	15	02	0	0	—	18.0	10	38	-4	0
HURGHADA	300	5	12	02	0	0	—	18.0	13	31	-4	0
QUSEIR	330	9	15	02	0	0	—	17.5	18	19	-5	0

At 0600 on Friday 16th January, 1953

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.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	5	15	00	0	0	—	19.8	+2.0	6	15	-4	4	-5	71	1	0	15	
SÎDI BARÂNI	220	7	15	02	0	1	Cu, Ci	19.0		6	15		5		88	4	2	81	
MATRÛH	230	16	18	03	0	2	Cu, Ci	18.8	+0.3	7	14		6		88	4	dr.	29	
EL DAB'A	250	15	15	01	1	3	Cu	19.0		7	14		4		71	2	0	69	
ALEXANDRIA	220	27	50	03	2	5	Cb	18.3	-0.5	12	13	-6	7	-3	78	8	dr.	58	122
Alex (Airport)	250	14	12	01	8	5	SC	18.7	+0.8	8	12	-6	4	-6	76	4	2	57	89
DAMIETTA	200	9	3	03	6	6	Cu, SC	18.5	+0.6	8	15	-3	4	-2	88	6	0.2	12	55
PORT SA'ÎD	220	27	12	03	0	1	SC	18.7	+0.7	8	15	-3	7	-4	71	3	0	30	
EL 'ARISH	240	11	14	02	0	0	—	18.4	0.0	10	15		8		47	-1	1	9	
DAMANHÛR	270	19	15	02	1	6	Cu	18.4	-0.2	6	16	-4	4	-4	71	3	0	13	50
MANSÛRA	220	9	35	00	0	0	—	18.8	+0.5	7	16	-4	6	-1	71	2	0	19	23
TANTA	220	13	35	02	0	0	—	19.0	-0.1	7	16	-4	5	-1	71	2	0	2	18
ZAGAZIG	220	2	35	02	0	0	—			6	17	-1	4	-2	71	1	0	8	12
ISMAÎLIA	200	9				0	—				15		6			0	0	16	
Cairo (Airport)	220	21	12	00	0	0	—	21.8		8	16		5		71	3	0	4	
ALMÂZA	180	12	10	00	0	0	—	21.7	+2.6	7	16	-3	6	-3	71	2	0	4	
EZBEKÎYA	150	3	10	00	0	0	—	23.0	+3.8	7	17	-3	5	-3	62	0	0	14	12
GÎZA	150	3	10	00	0	0	—	23.2	+3.8	6	18	-1	4	-1	71	1	0	41	13
HELWÂN	140	5	7	05	0	0	—	23.5	+3.9	5	16	-2	4	-4	70	0	0	3	12
FAIYÛM	200	4	35	02	0	0	—	23.9	+4.5	6	17	-4	3	-3	71	1	0	13	4
MINYA	170	2	8	00	0	0	—	24.7	+4.3	4	18	-2	0	-4	65	-2	0	1	
ASYÛT MANQABAD	00	0	10	00	0	1	AC	24.9	+4.7	6	17	-4	3	-3	53	-3	0	0	
NAG' HAMMADI	00	0	3	10	2	5	Cb, AC	24.7	+5.1	6	18	-3	1	-4	71	1	0	0	
QENA	00	0	15	03	1	2	Ci	24.2	+5.1	8	20	-3	0	-7	54	-1	0	0	
LUXOR	00	0	30	03	1	3	AC	24.4	+5.2	5			1		53	-4	0	0	
ASWÂN	20	1	50	01	1	2	Ci	24.2	+5.2	10	20	-3	5	-9	38	-4	0	0	
SÎWA	260	3	14	03	0	2	AS, CS	24.0	+3.3	4	15	-5	2	-2	70	-1	0	1	5
BAHARÎYA	270	2	35	02	0	0	—	24.4	+4.1	8	15	-5	2	-3	58	0	0	dr.	5
FARAFRA	00	0	35	01	1	1	SC	25.1		1	16		-2		80	-2	0	0	
DAKHLA	340	11	50	01	1	4	Ci	25.1	+4.7	4	16	-5	0	-5	35	-10	0	0	
KHARGA	00	0	15	02	2	1	AC	25.0	+5.4	3	18	-4	1	-5	44	-8	0	0	
SUEZ	180	4	35	00	0	0	—	22.3	+3.7	14	18	-2	9	0	45	2	0	31	10
TÔR	310	5	25	02	0	0	—	22.6	+4.6	11	19	-2	5	-4	51	1	0	0	8
HURGHADA	310	15	30	02	0	0	—	21.7	+3.9	13	20	0	6	-4	36	-2	0	dr.	
QUSEIR	330	9	15	02	0	0	—	21.6	+3.8	13	24	+1	10	-4	34	-3	0	dr.	4
PORT SÛDÂN	340	14	30	02		8	SC	17.5		24	28		22		74	19	1		
WÂDI HALFA	360	10	30	03	1	2	Ci				23		3			-3	0		
ABU HAMAD	360	10	15	07	0	0	—			14	30		12		17	-11	0		
KAREIMA	10	9	30	02	0	0	—	19.8		16	30		13		19	-8	0		
'ATBARA	360	14	10	07	0	1	Ci	16.2		19	33		15		24	-2	0		
KHARTUM																			
KASSALA																			
WÂD MEDANI																			
RENK	310	9	35	04	0	5	AC	14.1		21	37		17		44	8	0		
ROSEIRES																			
EL OBEID	360	10	7	05	1	4	CS	15.9		15	34		13		25	-5	0		
EL FÂSHER	20	1	10	05	0	2	Ci			13	34		10		22	-8	0		
GENEINA	40	12	15	05	1	1	CS			13	32		11		17	-12	0		
MALAKÂL	20	13	30	03	0	8	Ci	15.1		25	37		22		19	0	0		
WAU	360	3	10	05	2	8	AC, CS	11.3		22	38		20		47	10	0		
JUBA	180	3	30	04	2	7	Cu, AC	10.1		27	37		18		40	12	dr.		

HUMIDITY
Mean of day

Station	15th	Diff. from normal
Alexandria	50	-16
[illegible]	35	-33
Gîza	37	-36
Helwan	40	-18

GIZA
GRASS MINIMUM TEMP.
16th 2.0

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

Cairo AIRPORT
On 15th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	13		250	23
950					
900					
850	1484	2		230	30
800					
700	3010	-12		260	41
600					
500	5470	-32		260	78
400	7020	-40			
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 15th

Station	Dakhla		Siwa		Aswan		Asyut		Minya		Kharga		El Arish		P. Said										Minya	
Time	14		14		14		14		14		14		14		14										20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	10	270	28	360	19	290	12	260	16	340	20	240	17	220	23									320	11
600	310	13	270	25	360	27	290	10	260	15	340	22	250	22	220	36									270	13
1000	310	13	280	20	360	27	300	14	270	19	340	22	250	20	220	40									240	4
1500	330	16	280	31			290	30	270	27			240	21	230	32									290	10
2000	310	21	290	34					280	28			250	24											280	13
3000													250	38												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

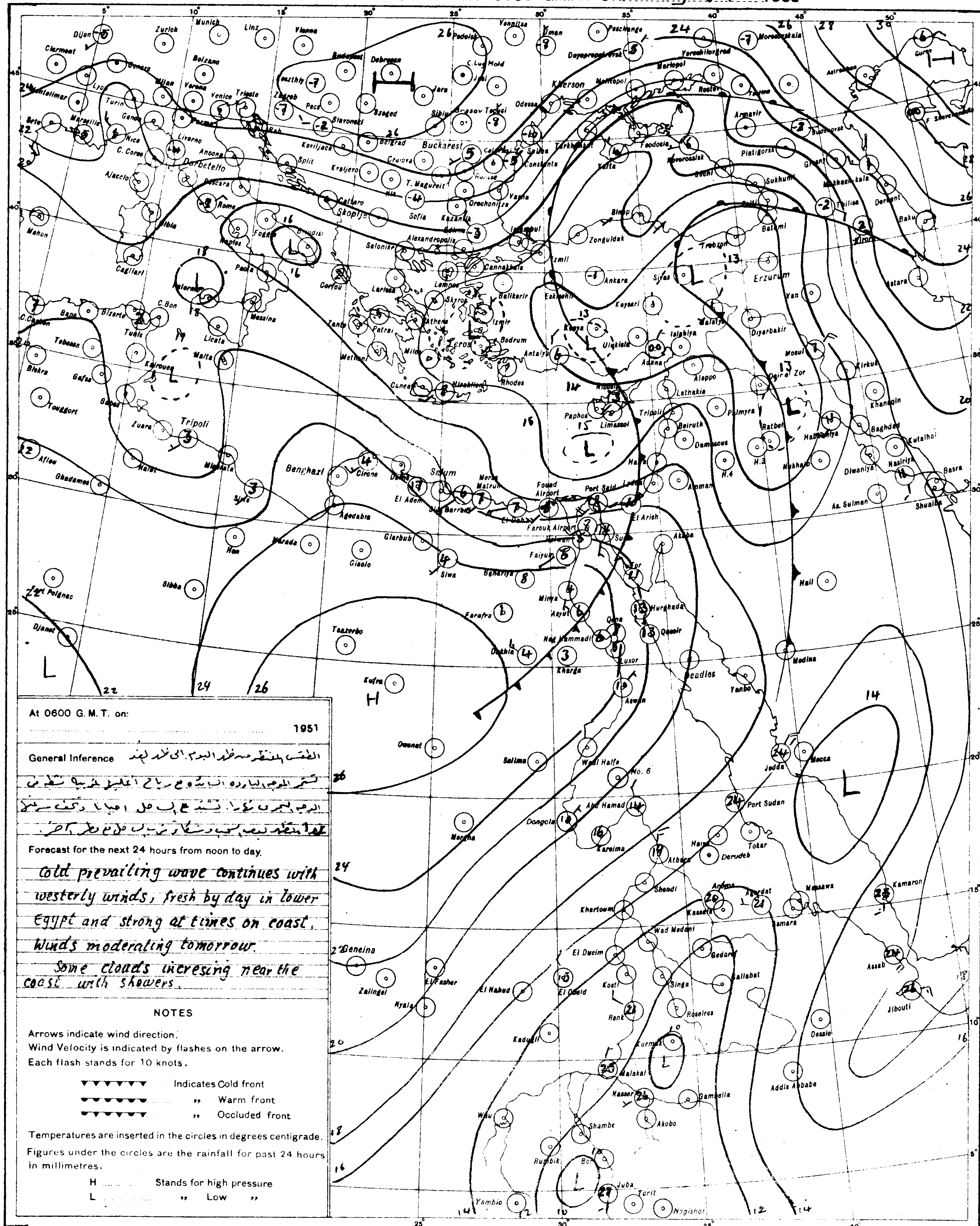
Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada			
Time	8		8				8						2		8						8			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	23	270	23			230	29					180	13	280	5					330	23		
600	280	23	270	21			260	41					220	11	310	10					330	26		
1000	280	18	280	18			260	44					260	9	300	14					340	22		
1500	280	19	270	21			270	43					190	4	310	17					280	19		
2000	280	24	280	24			270	40					140	2	290	19					300	9		
3000	200	22	280												280	37								
4000	270	26																						
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		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	270	23	340	11	330	7	20	10																
600	280	24	340	10	350	14	360	15																
1000	280	19	360	10	350	12	360	14																
1500	270	16	30	20	310	5	340	18																
2000	250	23	30	23	290	10	300	14																
3000	280	[illegible]																						
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.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 16-1-* 1952



At 0600 G. M. T. on: 1951

General Inference الطقس المنتظر من ظهر اليوم الى ظهر الغد

تستمر الموجة الباردة السائدة مع رياح أغلبها غربية تنشط في

الوجه البحري نهاراً. تشتد على السواحل احياناً وتكف سرعتها

غداً. يحتمل بعض السحب والشوائب على السواحل مع مطر خفيف

Forecast for the next 24 hours from noon to day.

Cold prevailing wave continues with westerly winds, fresh by day in lower Egypt and strong at times on coast. Winds moderating tomorrow.
Some clouds increasing near the coast with showers.

NOTES

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

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

Temperatures are inserted in the 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: Saturday 17th January, 1953

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	SALUM	220	5	35	02	1	5	AC	18.3	15	59	7
	303	SIDI BARANI	260	13	18	03	1	5	cu, cs	19.2	14	52	4
	306	MATRUH	260	16	18	03	1	4	cu, ci	19.1	16	42	3
	309	EL DABA	290	9	35	02	1	4	cb	20.0	17	39	3
		ALEXANDRIA	270	20	50	02	8	3	cb	19.8	16	56	7
	316	Alex. (Airport)	270	25	12	02	6	5	cu	19.9	16	58	7
	330	DAMIETTA	220	13	7	02	5	6	cb	19.6	14	67	8
	333	PORT SAID	350	16	18	03	0	3	sc	19.3	16	59	8
	336	EL ARISH											
LOWER EGYPT	339	DAMANHUR	270	13	15	02	1	2	cu	19.2	18	37	3
	342	MANSURA	270	5	35	03	2	4	cu	19.4	17	42	4
	348	TANTA	220	13	35	01	1	4	cu	20.4	18	37	3
	354	ZAGAZIG	220	2	50	02	0	0	—	20.3	17	42	4
	441	ISMAILIA	270	13	35	03	1	4	cs	20.7	16	32	-1
CAIRO AREA	366	Cairo (Airport)	240	22	18	03	1	4	cu, ci	21.3	16	52	6
	372	ALMAZA	250	16	30	02	1	3	ci	20.7?	16	34	0
		EZBEKIYA	270	9	18	02	0	2	ci	22.2	17	30	-1
		GIZA	270	9	18	02	0	2	ci	21.8	18	26	-2
	378	HELWAN	250	9	50	03	0	4	cu, ci	21.5	16	24	-5
	381	FAIYUM	200	6	35	02	1	4	sc	22.3	18	37	3
		MINYA	280	6	10	03	1	3	ci	22.3	17	34	1
	393	ASYUT MANQABAD	250	3	30	02	0	1	ci	23.6	15	45	3
	399	NAG HAMMADI	00	0	7	00	0	0	—	22.4	17	42	4
	402	QENA	320	1	50	00	0	0	—	22.6	19	46	7
	405	LUXOR	320	9	30	00	1	0	—	22.7	17	28	-2
	414	ASWAN	340	6	50	01	1	1	ci	21.6	17	26	-3
	417	SIWA	270	7	14	01	1	2	ci	22.7	16	30	-2
	420	BAHARIYA	270	2	35	02	1	3	AC	22.7	16	49	5
	423	FARAFRA	00	0	35	03	1	1	sc	23.9	18	28	-1
	432	DAKHLA	340	9	50	00	0	0	—	23.0	16	24	-5
	435	KHARGA	20	1	15	00	0	0	—	23.2	17	26	-3
	450	SUEZ	130	7	50	03	0	1	cu	20.3	18	32	1
		TOR	310	9	35	02	0	0	—	20.2	16	49	5
	462	HURGHADA	350	10	12	02	0	2	AC	20.6	17	39	3
		QUSEIR	360	9	15	02	0	0	—	21.0	18	46	6
	641	PORT SUDAN	360	16	30	02	0	8	sc, AC	15.9	25	74	20
	600	WADI HALFA	360	16	30	03	0	1	ci	19.7	19	12	-11
	640	ABU HAMAD	360	6	30	01	0	0	—		26	23	3
	650	KAREIMA											
	680	ATBARA	340	12	10	07	0	0	—	10.8	29	29	9
	721	KHARTUM	10	9	15	05	0	0	—	10.2	30	19	4
		KASSALA	60	7	30	03	1	4	cs	6.7	33	34	15
	751	WAD MEDANI	360	13	35	02	0	3	AS	8.5	33	19	6
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	15	7	05	1	4	cs	14.8	23	14	-6
	760	EL FASHER	40	3	15	02	0	0	—		27	14	-3
	770	GENEINA	90		10	05	0	1	ci		29	10	-6
	840	MALAKAL	40	12	10	05	2	6	cs	6.1	35	13	3
	880	WAU											
	941	JUBA	90	6	30	03	2	7	cu, Ac	3.6	37	20	11

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
SALUM	270	3	15	02	1	6	cs	19.2	13	55	4	0
SIDI BARANI	220	4	14	13	1	4	sc	18.9	12	55	3	0
MATRUH	230	6	14	01	1	0	—	19.9	9	62	2	0
EL DABA	250	3	7	01	1	1	cu	21.3	8	58	0	0
ALEXANDRIA	200	22	35	02	5	4	cb	21.4	13	55	4	2
Alex. (Airport)	240	6	12	03	1	4	sc	20.6	11	67	5	2
DAMIETTA	220	2		00	6	0	—	21.2	10	88	8	1
PORT SAID	320	13	18	01	0	2	sc, cu	21.1	12			0
EL ARISH	230	6	14	01	1	0	—	20.5	12	51	2	0
DAMANHUR	270	9	15	02	2	0	—	21.6	10	62	3	0
MANSURA	270	5		00	1	0	—	21.2	10	62	3	0
TANTA	270	5	35	02	1	0	—	21.2	9	62	2	0
ZAGAZIG	220	1	35	02	0	0	—	21.6	10	62	3	0
ISMAILIA	250	5	35	02	0	0	—	21.9	11	51	1	0
Cairo (Airport)	250	7	12	00	0	0	—	22.7	12	63	5	0
ALMAZA	200	2	12	00	1	0	—	22.2	11	54	2	0
EZBEKIYA	00	0	10	00	0	0	—	22.0	11	54	2	0
GIZA	00	0	10	00	0	0	—	22.3	7	71	2	0
HELWAN	00	0	7	01	0	0	—	23.5	11	51	1	0
FAIYUM	00	0	35	02	0	0	—	22.4	10	62	3	0
MINYA	00	0	8	00	1	0	—	22.4	9	71	4	0
ASYUT MANQABAD	220	2	10	00	0	0	—	23.6	11	38	-3	0
NAG HAMMADI	00	0		01	0	2	AC	22.4	10	62	3	0
QENA	270	1	7	00	0	0	—	23.0	10	62	3	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	21.5	14	27	-5	0
SIWA	00	0	8	01	2	3	AC, Ci	21.9	8	43	-4	0
BAHARIYA	00	0	15	02	1	0	—	23.1	7	87	5	0
FARAFRA	110	3	7	01	1	1	sc, AC	23.3	9	47	-2	0
DAKHLA	140	4	35	00	0	0	—	22.6	11	41	-2	0
KHARGA	00	0	15	00	0	0	—	22.2	12	33	-4	0
SUEZ	00	0	15	01	0	0	—	21.2	13	55	4	0
TOR	360	13	15	02	0	0	—	21.2	12	44	0	0
HURGHADA	310	8	12	02	0	0	—	20.7	13	48	2	0
QUSEIR	330	9	15	02	0	0	—	21.4	16	49	5	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM	340	7	30	02	0	0	—	12.7	25	30	6	0
KASSALA	20	4	30	01	2	0	—	10.1	25	54	15	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID			10	05	1	4	cs	13.5	22	25	1	0
EL FASHER	70	1	30	02	0	0	—		22	19	-3	0
GENEINA	350	11	30	02	0	1	ci		25	7	-13	0
MALAKAL												
WAU	260	4	10	04	2	8	cs	6.7	32	24	9	0
JUBA	90	5	30	13	9	7	cb, Ac	6.2	29	43	15	0

At 0600 on Saturday 17th January, 1953

Station	Wind 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	220	2	15	02	2	8	AS		+1.4	9	17	-2	5	-4	62	2	0	15	
SIDI BARANI	360	3	14	02	2	7	AC	20.?		8	15		7		50	-2	0	81	
MATRUH	210	12	10	02	2	8	AS	19.3	+0.9	9	16		7		44	-3	0	29	
EL DABA	250	6	15	01	2	8	st	20.0		7	17		6		62	0	0	69	
ALEXANDRIA	180	11	35	03	4	8	AS	21.1	+2.3	10	16	-3	7	-3	50	0	2	60	123
Alex. (Airport)	240	5	14	03	1	8	AC	21.2	+3.3	9	16	-2	8	-2	67	3	2	59	90
DAMIETTA	220	2		03	2	8	sc	22.4	+4.6	7	16	-2	4	-4	87	5	1	13	56
PORT SAID	260	14	14	02	2	7	AC	22.5	+4.5	9	16	-2	8	-3	76	5	0	30	
EL ARISH	210	9	18	03	2	7	Ac	22.9	+4.5	10	17		8		50	0	0	9	
DAMANHUR	230	13	7	02	1	2	ci	21.4	+2.8	6	19	-1	6	-1	81	3	0	13	50
MANSURA	270	5	15	03	2	7	st	22.0	+3.8	6	18	-2	5	-2	87	4	0	19	23
TANTA	220	2	35	03	2	8	cu	21.5	+2.4	7	18	-2	6	0	71	2	0	2	19
ZAGAZIG	00	0	35	02	1	6	cu	22.2	+3.2	7	19	-1	7	+1	71	2	0	8	13
ISMAILIA	160	2	35	03	2	7	AC	22.8		9	17		5		71	4	0	16	
Cairo (Airport)	200	9	13	02	2	7	AS	23.1		10	17		6		76	6	0	4	
ALMAZA	170	11	12	03	1	8	AC, CS	22.6	+3.5	10	17	-2	7	-2	62	3	0	4	
EZBEKIYA	00	0	8	03	2	8	AC	22.8	+3.7	10	19	-1	5	-3	54	1	0	14	12
GIZA	00	0	8	03	2	8	AC	22.8	+3.5	8	19	0	4	-1	66	2	0	41	13
HELWAN	250	2	15	02	2	8	AC	23.3	+3.7	9	16	-2	7	-1	47	-2	0	3	12
FAIYUM	00	0	35	02	2	7	st	23.8	+4.5	5	19	-2	2	-4	81	2	0	13	4
MINYA	00	0	8	03	1	7	AC	23.9	+3.5	4	17	-3	-1	-5	65	-2	0	1	
ASYUT MANQABAD	260	2	8	00	0	0	—	23.9	+3.7	5	16	-5	1	-5	61	-2	0	0	
NAG HAMMADI	00	0			2	5	cu, AC	23.1	+3.6	6	20	-1	2	-3	71	1	0	0	
QENA	00	0	35	03	1	3	Ci	22.4	+3.3	10	20	-3	1	-6	50	0	0	0	
LUXOR	100	2	30	03	0	1	AC	22.1	+2.9	7			0		49	-3	0	0	
ASWAN	360	3	50	00	0	0	—	21.1	+2.1	10	18	-5	6	-4	62	3	0	0	
SIWA	90	4	12	03	1	7	AC, Ci	20.8	+0.1	6	16	-4	5	+1	46	-5	0	1	5
BAHARIYA	00	0	35	02	2	7	AC	23.1	+2.9	4	16	-4	-1	-6	65	-2	0	dr.	5
FARAFRA	00	0	15	01	2	6	AS	22.3		2	19		-2		64	-4	0	0	
DAKHLA	150	9	50	01	1	4	ci	22.7	+2.3	2	17	-5	0	-5	64	-4	0	0	
KHARGA	00	0	15	02	2	3	AC	22.7	+3.1	5	17	-5	2	-4	53	-4	0	0	
SUEZ	00	0	35	00	0	4	cu	23.4	+4.8	8	20	0	4	-5	71	3	0	31	10
TOR	310	9	35	02	0	0	—	21.8	+3.8	7	19	-2	5	-4	61	-1	0	0	8
HURGHADA	290	12	18	02	0	0	—	21.0	+3.2	9	17	-3	6	-4	50	1	0	dr	
QUSEIR	310	9	15	02	0	0	—	20.3	+2.6	14	19	-4	12	-2	67	8	0	dr.	4
PORT SUDAN	320	17	30	03	1	6	sc	17.0		21	25		21		69	15	dr.		
WADI HALFA	360	5	30	03	0	1	ci	19.4		6	20		3		46	-5	0		
ABU HAMAD	40	4	30	02	0	0	—			14	27		11		19	-9	0		
KAREIMA	50	7	30	02	0	0	—	16.1		15	28		13		25	-5	0		
ATBARA	10	10	10	07	0	0	—	14.1		19	31		15		60	11	0		
KHARTUM	360	5	30	02	0	0	—	14.0		18	31		15		46	6	0		
KASSALA	30	5	30	02	0	0	—	11.1		24	34		19		65	17	0		
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID	340	7	30	01	1	0	—	15.7		15	24		13		17	-10	0		
EL FASHER	00	0	30	02	0	0	—			12	30		9		26	-7	0		
GENEINA	80	7	30	03	0	3	AC, Cs			12	31		10		26	-7	0		
MALAKAL	30	17	30	03	1	6	AC	11.7		23	36		19		22	0	0		
WAU	360	6	10	04	2	8	AC	11.8		22	35		19		32	5	0		
JUBA	170	4	30	01	2	5	AC, Ci	12.2		27	39		19		25	5	0		

UPPER AIR OBSERVATIONS

16th
62 -4
49 -19
64 -9
56 -2
17th 0.4

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Cairo AIRPORT On 16th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	189	14		270	9
950					
900					
850	1536	4		250	17
800					
700	3085			280	31
600					
500	5648	-22		270	70
400	7270	-29			
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	S. Barani		Matruh		Alex. A.P.		Port Said		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		Port Said		Minya	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m.	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300	270	22	280	10	290	23	260	16	280	22	360	7	360	9	360	15	360	8	10	6	90	10	260	7	300	3
600	270	25	260	16	290	29	260	35	260	12	350	8	300	8	360	17	10	9	10	6	20	10	250	12	300	3
1000	210	19	260	6	290	27	250	29	240	7			330	6	10	17	360	4	10	7	340	11	260	10	300	3
1500	270	23	260	16					270	13	360	12	360	14	10	17	20	5	330	12	300	4	260	10	210	9
2000	270	31	270	17					270	28	350	16	300	18	360	13	310	12	310	12					300	16
3000													290	30			290	11							260	28
4000													280	40												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		8		8		3		3				2		8		5				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	Dir	Vel
300	180	15	180	15	240	10	260	22	220	11			50	5	40	9	360	3			320	16	300	3
600	190	12	170	16	210	8	260	19	250	13			40	5	20	16	60	6			330	9	40	2
1000	190	10	160	16	160	4	250	21	260	12			90	3	40	15	100	16			360	5	280	4
1500	200	17	200	13	200	16	260	12	240	5			00	0	120	3	50	8			90	4	280	4
2000	230	21	210	27	240	16							260	6	200	5	210	7			220	4	300	10
3000					250	21											320	1					290	43
4000					240	11																		
5000					250	30																		
6000																								
7000																								
8000																								

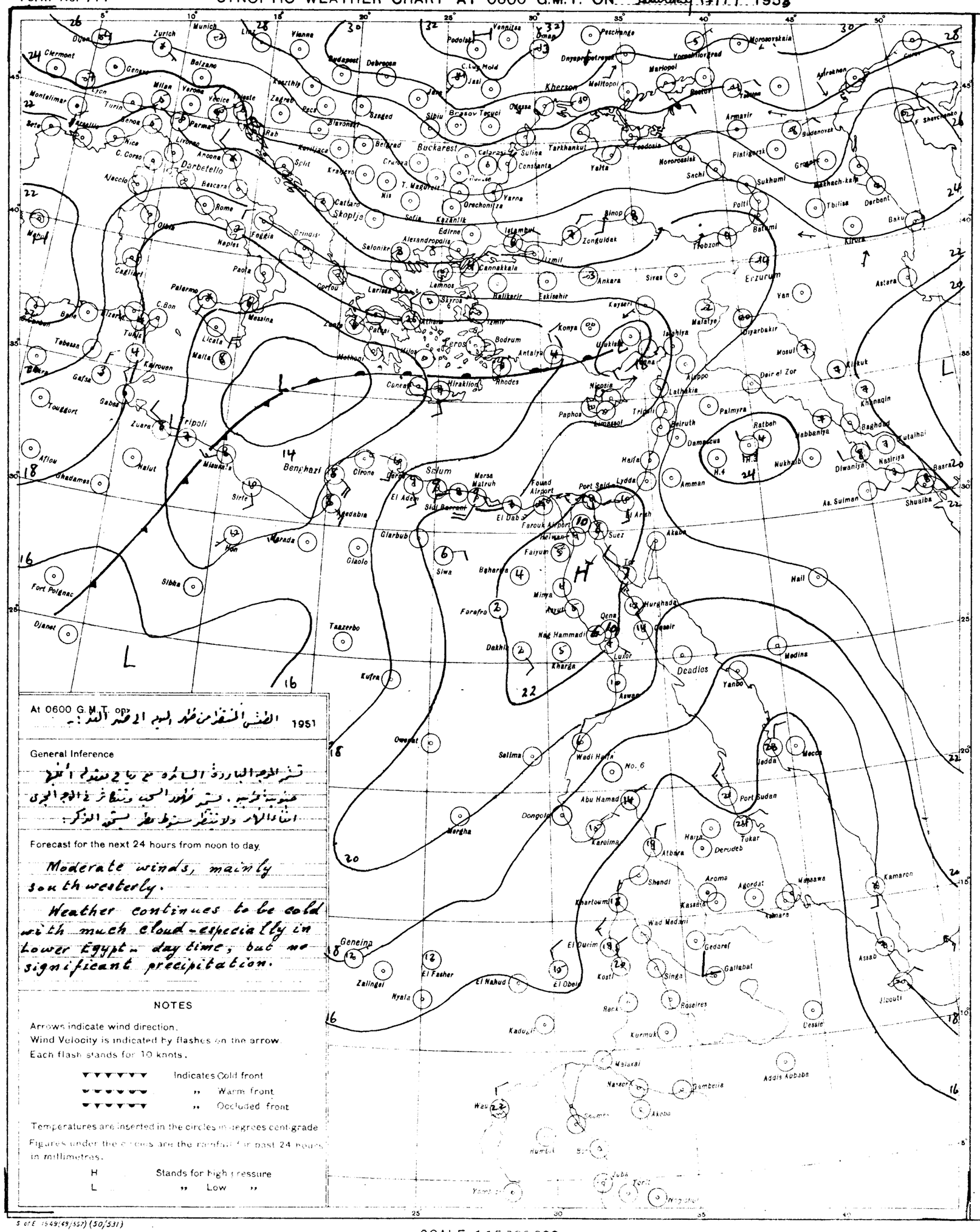
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8				4		4						5					
Height m.	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300	150	28	240	17	180	3	30	15																
600	160	29	240	23	180	7	50	20			70	23	50	20										
1000	160	21	240	25	170	3	50	14			80	25	30	28					40	27				
1500	170	23	250	17	190	4	110	13			40	7	70	9					60	19				
2000	180	16			210	6	150	9			270	17	240	5					60	11				
3000	240	14									340	24	330	7					340	5				
4000	220	23																	300	3				
5000																								
6000																								
7000																								
8000																								

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

Note: All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 17/1/1958



At 0600 G.M.T. on الطقس السائد من خط العرض الاول من الخريطة :- 1951

General Inference

تسود الرياح الباردة السائدة مع ميل متوسط الجنوب غربي . تستمر ظروف الحر وتتأثر في الوجه البحري اثناء الليل ولا تنتظر سقوط مطر يستحق الذكر .

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly south westerly.

Weather continues to be cold with much cloud - especially in Lower Egypt - day time, but no significant precipitation.

NOTES

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

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

Temperatures are inserted in the 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
Thunderstorm with rain		93
,, ,, hail		95
,, ,, Sandstorm		96
		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	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 of E 1549/49/557) (50/531)

SCALE 1:15,000 000

CAIRO

Time of Sunrise 04 51 G. M. T.

" " Sunset 15 20 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 18th January, 1953

At 1200 on Saturday 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	180	5	35	03	2	6	AS	15.4	17	34	1
	303	SÎDI BARÂNI	220	28	18	02	2	6	AC	16.4	17	18	-8
	306	MATRÛH	190	13	12	02	2	6	AC	17.4	15	21	-7
	309	EL DAB'A	180	13	35	02	1	5	Cb	18.7	16	36	1
		ALEXANDRIA	220	12	50	02	2	7	AS	19.1	14	48	3
	318	FAROUK (?) (Airport)	250	3	14	02	2	7	AC	18.9	14	48	3
	330	DAMIETTA	180	2	7	01	1	7	SC	20.4	15	59	7
	333	PORT SA'ÎD	170	7	18	02	2	7	AC	20.1	14	55	5
	336	EL 'ARISH	00	0	30	02	2	7	AS	19.9	17	37	2
Lower Egypt	339	DAMANHUR	230	9	15	02	1	7	Ci	20.0	16	49	5
	342	MANSURA	140	5	15	03	2	8	St	20.2	15	48	4
	348	TANTA	00	0	35	03	2	8		19.6	14	55	5
	354	ZAGAZIG	00	0	50	02	2	8	St	20.2	14	55	5
	441	ISMAILIA	140	2	35	03	2	8	AC	20.7	14	55	5
Cairo Area	366	FAROUK (Airport) (?)	320	5	12	03	2	8	AC	19.7	14	39	0
	372	ALMAZA	290	3	12	03	2	8	AS	19.4	13	55	[illegible]
		EZBEKIYA	00	0	12	02	2	8	AS	19.8	13	55	4
		GIZA	00	0	12	02	2	8	AS	20.0	14	52	4
	378	HELWAN	00	0	15	02	2	8	AC	20.4	14	48	3
Upper Egypt	381	FAIYUM	00	0	35	02	2	8	NS	20.3	17	42	4
	387	MINYA	50	5	10	03	2	6	ACCi	19.3	18	34	2
	393	ASYÛT MANQABÂD	320	2	30	01	1	5	ACCi	19.2	18	30	0
	399	NAG' HAMMADI	60	0	7	01	1	4	AC	18.6	20	41	6
	402	QENA	320	1	50	02	1	4	Ci	18.3	22	44	9
	405	LUXOR	40	2	30	02	0	1	Ci	17.8	20	28	1
	414	ASWÂN	70	3	50	00	0	0	—	16.4	23	24	1
Oases	417	SÎWA	170	22	12	07	3	5	AC	17.8	15	25	-5
	420	BAHARÎYA	90	2	35	02	2	7	AC	19.9	16	42	3
	423	FARAFRA	130	2	35	03	2	2	As	19.2	16	24	-5
	432	DAKHLA	110	3	50	01	1	2	Ci	18.3	20	17	-6
	435	KHARGA	00	0	15	01	1	1	AC	17.5	20	18	-5
Red Sea	450	SUEZ	00	0	50	03	0	8	NS	20.8	16	42	3
	459	TÔR	310	9	35	01	1	3	Ci	19.2	19	46	7
	462	HURGHÂDA	360	10	30	02	1	5	CS	18.5	18	52	8
	465	QUSEIR	360	9	15	03	1	4		18.4	20	64	13
	641	PORT SUDÂN	360	12	30	02	2	8	Sc	15.2	24	69	18
Northern Sudan	600	WÂDI HALFA	80	1	30	03	1	6	Cs	15.0	22	20	-2
	640	ABU HAMAD	90	2	30	02	0	1	Ci		29	25	7
	660	KAREIMA	30	5	30	02	0	0	—	11.4	28	37	12
	680	ATBARA											
	721	KHARTUM											
	735	KASSALA	30	9	30	02	0	0	—	6.5	33	32	14
Central Sudan	751	WAD MEDANI	360	9	35	02	0	0	—	7.7	34	25	11
	801	RENK											
	802	ROSEIRES	50	20	35	02	0	0	—		37	19	10
	771	EL OBEID	50	7	30	01	0	0	—	8.9	29	22	5
	760	EL FASHER	250	1	30	02	1	4	CS		30	13	-1
	770	GENEINA	210	3	30	01	1	0	—		33	8	-6
Southern Sudan	840	MALAKÂL	30	10	30	02	0	2	CS	5.2	37	17	8
	880	WAU	90	8	10	04	2	2	AC	6.4	35	13	3
	941	JUBA	360	5	30	04	2	2	Cu, Ci	5.0	37	22	12

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
SALÛM	180	4	15	02	2	7	CS	13.1	13	44	1	0
SÎDI BARÂNI	130	7	14	02	2	7	AC	13.7	12	31	-5	0
MATRÛH	120	9	12	01	2	6	AC	16.1	10	36	-4	0
EL DAB'A	110	4	7	01	1	2	Cu	18.1	9	47	-2	0
ALEXANDRIA	130	11	35	01	2	4	AC	16.0	11			0
FAROUK (?) (Airport)	140	1	12	01	2	4	AC	18.8	11	71	6	0
DAMIETTA	40	2		02	1	5	SC	19.1	12	63	5	0
PORT SA'ÎD	70	6	14	02	2	2	AC	20.4	12	82	9	0
EL 'ARISH	160	2	14	02	2	7	AC, Ci	19.9	11	58	3	0
DAMANHUR	230	9	15	02	1	2	Ci	19.5	10	76	6	0
MANSURA	180	5		00	1	0	—	18.8	11	63	4	0
TANTA	220	2	35	03	2	5	Cu	18.1	9	88	7	0
ZAGAZIG	00	0	35	02	2	0	—	19.2	10	76	6	0
ISMAILIA	70	5	35	03	2	7	AC	19.5	12	59	4	0
FAROUK (Airport) (?)	70	7	12	01	2	3	AC	19.1	11	58	3	0
ALMAZA	20	5	5	04	2	3	AS	18.9	11	63	4	0
EZBEKIYA	00	0	8	00	2	0	—	19.1	11	63	4	0
GIZA	00	0	8	00	2	0	—	19.1	11	63	4	0
HELWAN	40	3	3	05	2	8	AS	19.0	12	44	0	0
FAIYUM	00	0	35	02	0	8		17.9	12	63	5	0
MINYA	340	3	8	01	2	4	Ci	17.2	12	63	5	0
ASYÛT MANQABÂD	250	3	12	03	1	7	AC	17.7	15	32	-2	0
NAG' HAMMADI	00	0		01	1	6	Cu, AC	18.3	14	63	7	0
QENA	00	0	7	02	1	4	Ci	17.9	11	77	7	0
LUXOR												
ASWÂN	340	6	50	00	0	0	—	15.6	19	30	1	0
SÎWA	30	5	8	02	2	5	AC	15.9	12	28	-6	0
BAHARÎYA	00	0	15	02	2	[illegible]	[illegible]	19.0	12	55	3	0
FARAFRA	160	1		03	2	8	AS	18.2	12	33	-4	0
DAKHLA	270	4	35	00	0	0	—	17.6	14	27	-5	0
KHARGA	00	0	15	00	0	4		17.2	13	38	-1	0
SUEZ	310	3	15	01	0	5	Cu	18.7	14	36	-1	0
TÔR	40	[illegible]	15	03	1	4	AC	18.6	15	59	7	0
HURGHÂDA	350	12	12	02	0	3	AC	17.8	18	34	2	0
QUSEIR	330	5	15	01	1	0	—	17.1	17	60	9	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Sunday 18th January, 1953

Wind 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
250	5	15	02	1	2	AS	10.0	-7.8	9	17	-2	8	-1	88	7	0	15		SALUM
220	8	15	01	1	3	AC, Ci	10.6		10	18		9		44	-2	0	81		SÎDI BARÂNI
170	11	18	02	8	8	AC	11.0	-7.4	10	17		8		41	-3	0.2	29		MATRÛH
90	12	15	03	2	8	St	13.8		8	16		6		71	3	0	69		EL DAB'A
130	14	35	03	4	8	AS	14.8	-3.9	9	15	-3	8	-2	71	4	0	60	125	ALEXANDRIA
00	0	14	03	1	8	SC, AC	14.0	-3.3	8	15	-3	8	-1	82	5	0	59	42	FAROUK (?) (Airport)
140	5	7	01	1	3		14.7	-3.1	12	16	-2	6	-2	63	5	0	13	57	DAMIETTA
100	16	10	02	2	6	AC	15.2	-2.6	13	17	-1	12	+1	82	10	0	30		PORT SA'ÎD
00	0	18	02	2	7	St	15.3	-3.0	9	17		7		67	3	0	9		EL 'ARISH
230	5	7	02	1	6	AC	14.7	-3.8	8	17	-3	6	-1	88	6	0	13	51	DAMANHÛR
140	5	35	03	2	6	Sc, Cu	14.7	-3.5	10	15	-5	6	+1	62	3	0	19	24	MANSÛRA
00	0	15	03	2	7	SC	14.4	-4.7	8	15	-5	4	-2	88	6	0	2	19	TANTA
00	0	35	02	0	0	—	15.0	-4.0	7	15	-5	7	+1	87	5	0	8	13	ZAGAZIG
140	2	35	01	1	6	AS	14.2		12	15		8		44	0	0	16		ISMAILIA
250	3	3	05	2	6	AC, CS	15.0		10	15		7		56	2	0	4		FAROUK (Airport) (?)
180	5	8	05	2	7	AC	15.0	-4.1	9	14	-5	8	-1	71	4	0	4		ALMÂZA
00	0	10	02	2	7	Sc	14.8	-4.3	10	14	-6	6	-2	76	6	0	14	12	EZBEKIYA
00	0	10	02	2	7	SC	15.1	-4.1	9	14	-5	7	+2	76	5	0	41	13	GÎZA
20	3	7	02	2	8	AC	15.5	-4.0	11	14	-4	8	0	41	-2	0	3	13	HELWÂN
00	0	35	02	2	8	NS	15.0	-4.4	10	18	-3	5	-1	76	6	0	13	4	FAIYÛM
00	0	8	03	2	7	AC	15.3	-5.1	7	18	-3			87	5	0	1		MINYA
140	2	12	00	0	5	AC	16.7	-3.5	8	20	-1	6	0	43	-4	0	0		ASYÛT MANQABÂD
00	0		01	1	1	SC	16.3	-3.2	10	22	+1	6	+1	76	6	0	0		NAG' HAMMÂDI
270	1	35	00	0	0	—	15.9	-3.1	15	23	0	6	-1	59	7	0	0		QENA
00	0	30	00	0	0	—	15.5	-3.6	11			6		44	-1	0	0		LUXOR
00	0	50	00	0	0	—	14.8	-4.1	13	24	+1	9	-1	55	4	0	0		ASWÂN
280	2	14	03	0	2	AC	14.2	-6.4	7	17	-3	6	+2	46	-4	0	1	5	SÎWA
00	0	35	02	2	6	AC	15.5	-4.7	11			9	+4	51	1	0	dr.	5	BAHARÎYA
00	0	35	03	2	7	AS	16.6		7	18		5		29	-10	0	0		FARAFRA
340	11	50	01	1	4	Ci	17.0	-3.4	5	21	-1	1	-4	53	-4	0	0		DAKHLA
00	0	15	02	1	1	Ci	16.6	-2.9	9	20	-2	4	-2	47	-2	0	0		KHARGA
00	0	35	00	0	7	Cu	15.2	-3.3	11	20	0	6	-3	63	4	0	31	10	SUEZ
40	5	35	01	2	4	AC	14.4	-3.6	12	20	-1	6	-3	55	3	0	0	6	TÔR
280	6	18	02	1	6	Sc, Cu	14.5	-3.3	15	19	-1	10	0	32	-2	0	dr.		HURGHADA
310	5	15	03	1	4	AC	14.5	-3.4	17	20	-3	14	0	60	9	0	dr.	4	QUSEIR
320	7	30	01	2	8	Sc	13.8		23	26		20		74	18	0			PORT SÛDÂN
00	0	30	03	0	2	Ci	14.3		11	23		7		44	-1	0			WÂDI HALFA
00	0	30	03	0	3	Ci			16	29		12		36	1	0			ABU HAMAD
20	5	30	02	0	0	—	12.1		17	30		15		39	3	0			KAREIMA
10	7	30	03	0	1	Ci	12.2		19	32		15		49	8	0			'ATBARA
10	9	30	02	1	2	Ci	10.1		20	33		18		49	9	0			KHARTUM
																			KASSALA
360	5	35	02	0	0	—	10.9		20	35		15		56	11	0			WÂD MEDANI
360	9	35	02	0	2	CS	11.2		20	35		17		53	10	0			RENK
310	2	15	02	0	0	—	9.5		24	36		19		54	14	0			ROSEIRES
340	4	30	03	0	3	Ci	11.9		19			15		30	1	0			EL OBEID
20	1	30	03	1	4	CS			14	32				23	-7	0			EL FÂSHER
90	2	30	03	0	2	Ci			12	35		10		44	0	0			GENEINA
360	12	30	02	0	0	—	9.5		26	37		21		32	8	0			MALAKÂL
00	0	7			8	CS	9.8			36		16			13	0			WAU
180	3	30	04	0	4	ACCi	9.2		25	38		18		47	13	0			JUBA

HUMIDITY

Mean of day

Station	on 17th	Diff. from normal
Alexandria	47	-19
Ezbekiya	51	-17
Giza	55	-18
Helwan	44	-14

GIZA

GRASS MINIMUM TEMP.

on 16th 5.1 °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 17th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	171	13		00	0
950					
900					
850	1524	8		170	9
800					
700	3093	-5		250	34
600					
500	5691	-16		260	56
400	7336	-26		250	75
300	9346	-43			

AIRPORT — On At

Pressure 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	Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut	
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	160	12	170	11	160	5	170	5	60	4	70	5		
600	170	9	170	18	180	8	160	7	80	5	80	9	70	7
1000	180	11	160	10	150	5	130	11	80	6	100	9	80	5
1500	190	20	220	15	170	8	160	18	40	9	160	6	100	4
2000	190	17	240	11	210	14	230	9			250	6	240	6
3000	220	23					270	18			260	25	220	22
4000							260	22			220	35	250	32
5000													250	43
6000														
7000														
8000														

Station	Aswan		Siwa		Dakhla		Kharga		Hurghada		Port Said	
Time	14		14		14		14		14		20	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	70	12	160	27	60	2	20	13	330	16	80	9
600	70	17	160	25	80	3	30	16	320	13	80	9
1000	70	19	170	23	90	4	40	16	310	18	80	7
1500			200	24	190	7	70	9	20	10	80	7
2000			230	25	200	8					80	8
3000												
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 18th

Station	SÎDI BARÂNI		MATRÛH		ALEX. (?) AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA	
Time	8		8				2		2		7		2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	250	32	260	20			110	11	160	8	180	10	140	9
600	260	26	260	17			40	10	80	8	210	13	200	5
1000	270	25	260	15			140	8	130	8	220	23	200	18
1500	260	25	220	22			150	6	240	3	220	28	180	15
2000	250	28					170	6	240	11	210	19	190	20
3000	240	24					210	4			200	23		
4000	260	42												
5000														
6000														
7000														
8000														

Station	ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHÂDA		Almaza	
Time	6		4				8		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	210	3	30	3			310	5	220	10
600	240	4	150	2			10	10	260	5
1000	260	12	180	4			150	4	220	8
1500	250	12	270	6			140	2	190	20
2000	200	16	240	10					200	14
3000	250	17	240	22					220	20
4000	230	34	260	30						
5000										
6000										
7000										
8000										

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA	
Time	8		8		8		8		5		4		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	290	19	360	8	180	2	20	3	30	4				
600	290	26	350	10	260	5	270	4	30	4	90	19	50	8
1000	280	29	350	10	260	10	260	7	280	7	120	7	90	23
1500	260	30	360	16	280	20	260	10	250		200	7	270	6
2000	270	34	350	17	280	23	260	13						
3000	260	35					260	13	280	26	250	25	360	11
4000														
5000														
6000														
7000														
8000														

Station	KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	4				4		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300										
600	20	21							30	29
1000	30	13			30	15			30	46
1500	320	5			80	13	250	6	60	17
2000										
3000	310	2			60	11	190	7		
4000										
5000							240	10		
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

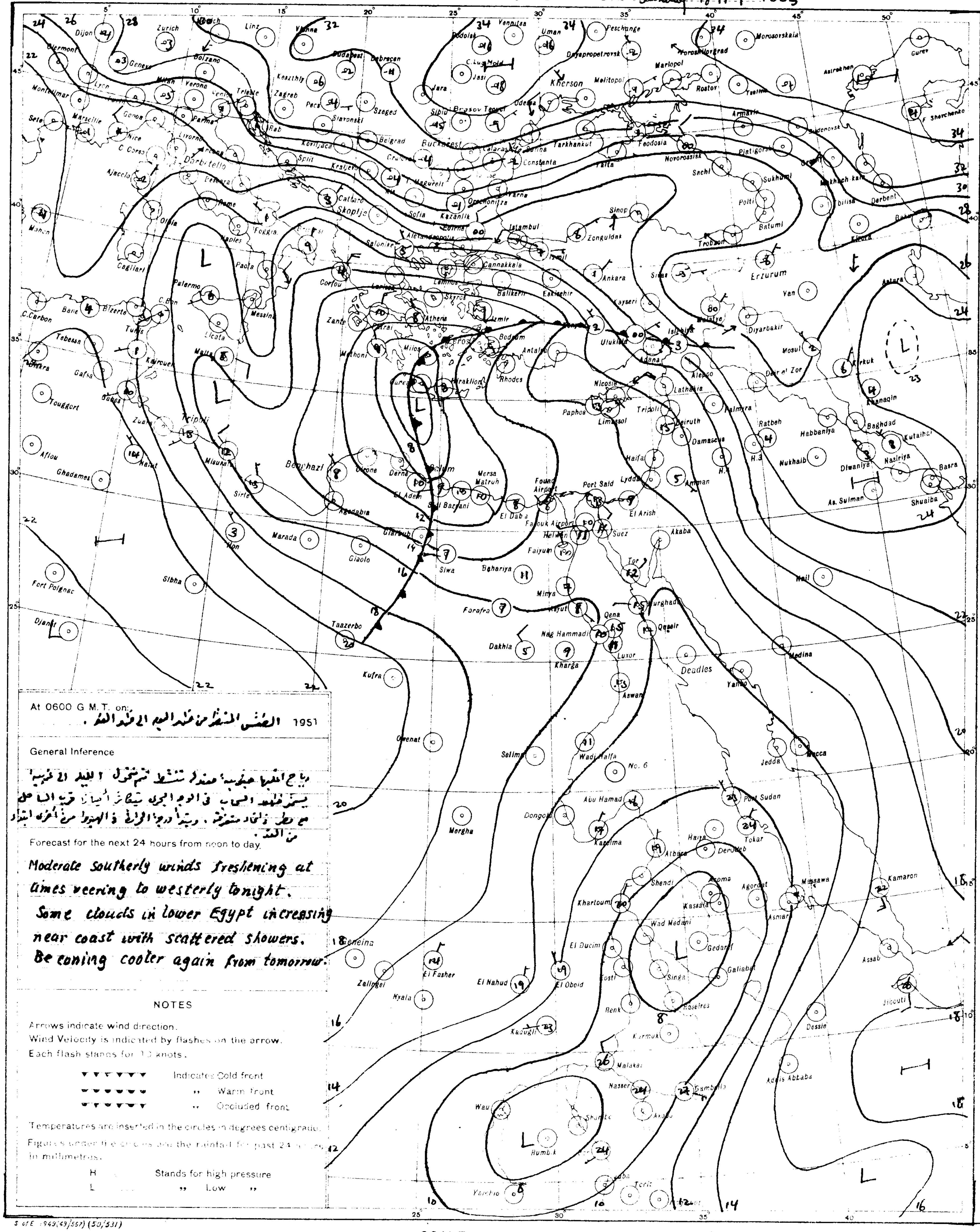
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/3537) (20,330)

Annual Subscription P.T. 60

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 18 | 1 | 1953



At 0600 G.M.T. on: الطقس المنتظر من ظهر اليوم الى ظهر الغد . 1951

General Inference

رياح اقليم جنوبية معتدلة تنشط ثم تتحول ليلا الى غربية
يستمر ظهور السحب في الوجه البحري ويتكاثر أحيانا قرب الساحل
مع مطر ذي الدد متفرقة . وتبدأ درجة الحرارة في الهبوط مرة أخرى ابتداء
من الغد .

Forecast for the next 24 hours from noon to day.

Moderate southerly winds freshening at times veering to westerly tonight. Some clouds in lower Egypt increasing near coast with scattered showers. Becoming cooler again from tomorrow.

NOTES

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

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

Temperatures are inserted in the 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 : Monday 19th January 1953

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	SALUM	250	5	35	02	0	2	Ac	9.0	17	42	4
	303	SIDI BARANI	260	19	5	07	0	1	Sc, Cs	9.1	17	37	2
	306	MATRUH	250	19	14	01	1	1	Cs	9.6	17	37	2
	309	EL DABA	290	9	35	01	1	2	Cu	9.9	17	34	1
		ALEXANDRIA	220	17	50	03	2	6	Ac	10.3	19	23	-3
	318	[illegible] (Airport)	220	12	18	01	2	6	Sc, Ac	11.1	20	23	-2
	330	DAMIETTA	140	5	15	03	1	6	Sc	11.6	18	52	8
	333	PORT SAID	190	6	30	03	1	7	Ac	12.3	18	46	6
	336	EL ARISH	00	0	30	02	2	7	Ac	11.7	21	26	1
Lower Egypt	339	DAMANHUR	230	13	15	02	1	4	Ac	11.9	20	24	-1
	342	MANSURA	230	5	35	03	2	5	Cu	12.4	20	33	3
	348	TANTA	220	2	35	03	2	5	Sc, Cu	11.8	20	24	-1
	354	ZAGAZIG	220	1	50	02	1	3	Cu	12.3	20	33	3
	441	ISMAILIA	270	2	35	03	1	4		12.6	22	21	-1
Cairo Area	366	Cairo (Airport)	220	14	12	02	2	6	St	12.9	20	26	0
	372	ALMAZA	200	15	18	01	2	5	Ac	12.6	19	24	-2
		EZBEKIYA	250	8	18	01	2	3	Sc, Ac	12.4	22	20	-2
		GIZA	250	8	18	01	2	3	Sc, Ac	12.3	21	20	-3
	378	HELWAN	180	11	35	01	1	4	Ac	12.8	20	17	-6
Upper Egypt	381	FAIYUM	200	6	35	02	2	7	Ns?	13.3	21	33	4
	387	MINYA	220	5	10	01	1	1	Cu	13.7	22	17	-4
	393	ASYUT MANQABAD	230	6	30	02	1	2	Ac	13.8	22	15	-6
	399	NAG HAMMADI	00	0	7	05	1	0	—	14.2	24	38	9
	402	QENA	270	1	50	00	0	0	—	13.5	25	47	13
	405	LUXOR	00	0	30	00	0	0	—	13.1	24	34	7
	414	ASWAN	00	0	50	00	0	0	—	12.4	24	32	6
Oases	417	SIWA	290	11	14	00	0	0	—	13.9	17	32	0
	420	BAHARIYA	270	2	35	01	2	3	Ac	13.8	22	36	6
	423	FARAFRA	290	10	35	01	1	1	Sc	14.6	21	14	-8
	432	DAKHLA	340	11	50	00	0	0	—	15.5	22	16	-5
	435	KHARGA	00	0	15	00	0	0	—	13.8	24	21	0
Red Sea	450	SUEZ	180	2	50	01	0	4	Cu	12.2	19	46	7
	459	TOR	310	5	35	02	1	0	—	12.4	21	50	10
	462	HURGHADA	40	2	30	02	0	1	Sc	13.1	22	36	6
	465	QUSEIR	20	5	15	01	1	0	—	13.4	22	57	13
	641	PORT SUDAN	50	8	30	02	1	3	Sc	10.9	27	70	21
Northern Sudan	600	WADI HALFA	360	8	30	02	0	1	Ci	12.3	25	14	-5
	640	ABU HAMAD	340	1	30	02	0	2	Ci		29	27	8
	660	KAREIMA	340	4	30	05	0	0	—	9.5	30	21	5
	680	ATBARA	340	9	50	01	1	1	Ci	7.0	32	28	11
	721	KHARTUM	30	11	30	02	1	2	Ci	7.1	33	24	10
	730	KASSALA	30	4	30	02	0	0	—	3.0	39	15	8
Central Sudan	751	WAD MEDANI	360	2	35	02	0	1	Ci	4.5	36	22	11
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—	2.9	38	25	15
	771	EL OBEID											
	760	EL FASHER	00	0	30	02	0	0	—		34	12	1
	770	GENEINA	270	3	30	03	0	5	Ci		33	8	-6
Southern Sudan	840	MALAKAL	10	5	30	01	1	2	Ac, Cs	3.7	38	22	13
	880	WAU											
	941	JUBA	40		30	04	1	1	Cu	3.0	39	15	8

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
SALUM	250	5	15	00	0	0	—	10.3	12	63	5	0
SIDI BARANI	220	5	14	02	0	2	Sc	10.5	12	47	1	0
MATRUH	230	11	14	02	0	2	Cu	10.9	13	55	4	0
EL DABA	220	5	7	01	1	1	Cu	12.3	11	41	-2	0
ALEXANDRIA	220	11	35	00	0	0	—	12.4	14	55	5	0
[illegible] (Airport)	00	0	12	01	1	0	—	12.1	12	67	6	0
DAMIETTA	180	2		01	1	3	Sc	12.7	14	55	5	0
PORT SAID	180	5	18	01	2	8	Ac	12.7	14	67	6	0
EL ARISH	00	0	14	01	2	4	Sc, Cu	12.5	14	39	0	0
DAMANHUR	230	9	7	02	1	3	Ac	12.0	11	63	4	0
MANSURA	180	5		00	1	0	—	12.7	13	44	1	0
TANTA	220	2	35	01	2	4	Sc, Cu	12.3	14	36	-1	0
ZAGAZIG	00	0	35	02	1	0	—	12.3	14	48	3	0
ISMAILIA	140	2	35	01	0	0	—	11.9	11	77	7	0
Cairo (Airport)	160	11	12	02	0	1	Ac	12.8	14	36	-1	0
ALMAZA	180	13	12	00	1	1	Ac	12.9	16	30	-2	0
EZBEKIYA	240	3	10	00	5	0	—	[illegible]	14	45	2	dr
GIZA	240	3	10	00	5	0	—	12.7	14	48	3	dr.
HELWAN	160	8	15	01	0	0	—	13.6	15	20	-8	0
FAIYUM	360	4	35	02	0	0	—	13.4	13	55	4	0
MINYA	160	2	8	00	1	0	—	14.3	12	51	2	0
ASYUT MANQABAD	120	3	8	00	1	0	—	14.6	16	32	-1	0
NAG HAMMADI	00	0		00	0	0	—	14.7	12	55	3	0
QENA	00	0	7	00	0	0	—	14.1	14	67	8	0
LUXOR	00	0	12	00	0	0	—	14.0	15	63	8	0
ASWAN	00	0	50	00	0	0	—	13.6	20	33	3	0
SIWA	280	4	8	01	0	0	—	14.8	10	58	2	0
BAHARIYA	270	2	15	02	1	0	—	15.0	13	55	4	0
FARAFRA	270	1	15	01	1	0	—	15.1	13	34	-3	0
DAKHLA	320	9	35	00	0	0	—	14.8	16	32	-1	0
KHARGA	00	0	15	00	0	0	—	15.2	15	34	-1	0
SUEZ	00	0	15	01	0	0	—	13.1	13	77	9	0
TOR	360	5	15	02	0	0	—	13.5	14	36	-1	0
HURGHADA	230	4	12	02	0	0	—	13.6	15	63	8	0
QUSEIR	90	5	15	02	0	0	—	13.9	20	64	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 Monday 19th January, 1953

Station	Wind 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	220	5	15	02	1	2	Ci	11.9	-5.8	7	18	-1			87	5	0	15	
SIDI BARANI	220	10	15	02	0	2	Ci	12.6		7	17		7		81	4	0	81	
MATRUH	230	18	18	03	1	4	Cu, Ac, Cs	13.4	-5.0	7	18		6		87	5	0	29	
EL DABA	220	24	15	02	1	4	Cb	13.7		7	18		6		87	5	0	69	
ALEXANDRIA	220	15	50	03	1	6	Cu, Ci	14.6	-4.1	9	20	+2	8	-2	62	2	0	60	127
[illegible] (Airport)	250	13	18	03	0	6	Cu, Ci	14.2	-3.7	9	20	+2	7	-2	76	5	0	59	93
DAMIETTA	200	2	7	03	1	6	Sc	15.4	-2.4	7	20	+2	5	-3	87	5	0	13	58
PORT SAID	230	18	30	03	0	7	Ac	15.0	-3.0	10	20	+2	10	-1	67	4	0	30	
EL ARISH	200	4	30	03	2	6	Sc, Cu, As	15.0	-3.2	13	23		10		41	0	0	9	
DAMANHUR	230	9	7	02	1	2	Ci	15.0	-3.5	7	21	+1	5	-2	71	2	0	13	52
MANSURA	220	5	15	03	2	6		15.0	-3.1	6	21	+1	5	-2	71	1	0	19	24
TANTA	220	5	35	03	2	7	Sc	15.4	-3.6	8	22	+2	6	0	71	3	0	2	19
ZAGAZIG	00	0	35	02	2	8	Sc	15.5	-3.4	8	21	+1	6	0	71	3	0	8	13
ISMAILIA	270	9	35	03	1	6	As	15.9		11	24		8		51	1	0	16	
Cairo (Airport)	200	16	12	03	2	5	Ac, Cs	16.4		12	21		8		55	3	0	4	
ALMAZA	180	11	12	02	1	5	Ac, Ci	16.1	-3.0	10	21	+2	10	+1	50	0	0	4	
EZBEKIYA	00	0	10	03	2	5	Cc	15.9	-3.1	9	22	+2	8	0	54	0	dr	14	12
GIZA	00	0	10	03	2	5	Cc	15.6	-3.5	9	23	+4	8	+3	58	1	dr.	41	13
HELWAN	160	4	7	03	1	4	Cc	17.5	-2.0	8	20	+2	8	0	58	0	0	3	13
FAIYUM	200	4	35	02	1	3	St	17.6	-1.6	9	23	+2	6	0	62	2	0	13	4
MINYA	00	0	8	00	0	0	—	18.2	-2.2	6	22	+1	3	-1	66	0	0	1	
ASYUT MANQABAD	00	0	10	00	0	0	—	18.4	-1.8	8	24	+3	8	+2	37	-6	0	0	
NAG HAMMADI	00	0		00	0	0	—	18.4	-1.0	10	24	+3	4	-1	62	3	0	0	
QENA	360	1	35	00	0	0	—	18.3	-0.7	12	27	+4	2	-5	55	3	0	0	
LUXOR	00	0	30	00	0	0	—	17.3	-1.8	9	25		3		54	0	0	0	
ASWAN	20	2	50	00	0	0	—	15.8	-3.1	15	25	+2	10	0	48	4	0	0	
SIWA	220	10	13	03	0	6	Ac, Cc	17.2	-3.4	7	17	-3	7?	+3	71	2	0	1	5
BAHARIYA	270	2	35	02	1	3	Ac	18.6	-1.5	11	23	+3	4	-1	51	1	0	dr.	5
FARAFRA	220	4	35	02	0	0	—	19.2		5	24		2		53	-4	0	0	
DAKHLA	340	11	50	00	0	0	—	19.6	-0.7	8	24	+2	5	0	58	0	0	0	
KHARGA	00	0	15	00	0	0	—	19.0	-0.5	9	24	+2	3	-3	34	-6	0	0	
SUEZ	00	0	35	00	0	3	Cu	16.0	-2.5	11	22?	+2	8	-1	63	4	0	31	10
TOR	40	5	35	02	0	0	—	16.0	-1.9	12	25?	+4	6	-3	33	-4	0	0	8
HURGHADA	270	8	18	02	0	0	—	15.0	-2.9	14	22	+2	9	-1	29	-4	0	dr.	
QUSEIR	270	5	15	02	0	0	—	15.1	-2.5	16	23	0	14	0	49	5	0	dr.	4
PORT SUDAN	320	3	30	01	0	2	Sc	13.9		25	28		22		79	21	0		
WADI HALFA	00	0	30	03	0	1	Ci	16.5		10	26		6		35	-5	0		
ABU HAMAD	20	4	30	02	0	0	—			18	30		12		28	-1	0		
KAREIMA	70	3	30	02	0	0	—	14.2		16	31		14		34	0	0		
ATBARA	350	6	30	03	0	1	Ci	12.3		20	33		17		35	4	0		
KHARTUM	10	4	30	03	1	3	Cs	11.7		21	34		18		41	7	0		
KASSALA	230	3	30	03	0	1	Cs	10.8		21	39		16		65	14	0		
WAD MEDANI	50	13	35	02	0	3	Ci			22	37		19		36	6	0		
RENK																			
ROSEIRES																			
EL OBEID	340	5	30	03	0	2	Ci	12.1		18	33		16		37	3	0		
EL FASHER	00	0	30	02	0	3	Ci			15	36		13		25	-5	0		
GENEINA	70	8	30	01	2	6	Cs			13	34		12		31	-4	0		
MALAKAL																			
WAU																			
JUBA																			

Humidity — Mean of day

Station	on 18th	Diff. from normal
Alexandria	60	-6
Ezbekiya	44	-24
Giza	53	-20
Helwan	28	-30

GIZA
GRASS MINIMUM TEMP.
on 19th 2.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Almaza AIRPORT On 18th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	113	19		230	9
950					
900					
850	1457	8		220	21
800					
700	3047	-2		240	30
600					
500	5637	-19		240	47
400	7259	-32		240	78
300	9249	-42		240	104

AIRPORT On At

Pressure 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	S. Barani		Matruh		P. Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada	
Time	14		14		14		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.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	25	250	25	210	12	240	9	220	17	170	8	40	2	290	3	360	7	260	22	360	6	100	4	80	4
600	260	26	240	27	210	18	210	9	210	17	210	12	230	5	250	3	330	7	260	23	360	6	140	4	20	5
1000	260	28	240	20	200	22	200	11	220	28	220	13	210	7	270	1	320	8	270	28	360	7	210	3	250	3
1500			250	10	200	17	200	12	240	13	240	19	240	13	300	7	270	4	270	24	360	10	290	16	240	12
2000			240	27	210	23	170	9	240	23	270	26	280	20	260	11	260	15	270	30	350	17	260	18	250	15
3000							230	18			260	36	280	27	220	21			260	35					250	17
4000							240	35					260	33												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	SIDI BARANI		MATRUH		Alex. AIRPORT		PORT SAID		EL ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Almaza	
Time	8				8		8		8		7 45		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	270	28			250	17	230	17	250	13	200	7	260	5							320	16	220	10
600	280	29			250	21	250	29	250	20	230	10	280	8							330	16	230	12
1000	270	23			250	19	260	29	240	15	250	18	260	9							280	9		
1500	280	23			260	19	270	22	220	24	240	27	240	24							220	5		
2000	280	22			260	19			220	24	240	26	260	38							230	24		
3000					260	24							240	32							230	29		
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	270	27	360	30			10	10																
600	280	32	360	32			350	16																
1000	300	25	360	41			330	16																
1500	290	28					290	10																
2000	280	29																						
3000	290	34																						
4000																								
5000																								
6000																								
7000																								
8000																								

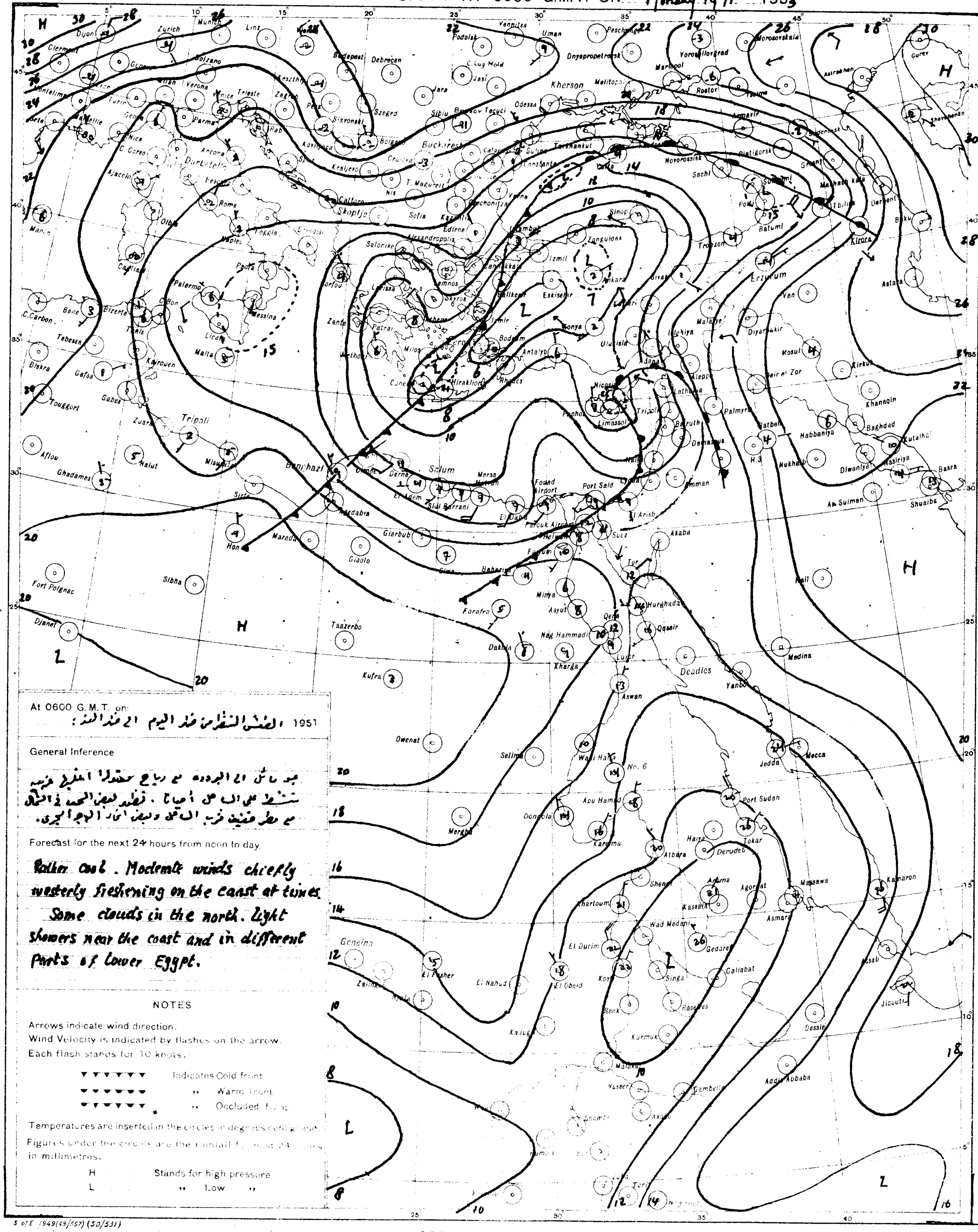
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49 557) (50 570)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 19/1. 1953



At 0600 G.M.T. on: 1951 الطقس المنتظر من ظهر اليوم الى ظهر الغد :

General Inference

جو مائل الى البرودة مع رياح معتدلة اغلبها غربية
تنشط على الساحل أحياناً . تظهر بعض السحب في الشمال
مع مطر خفيف قرب الساحل وبعض أنحاء الوجه البحري.

Forecast for the next 24 hours from noon to day.

Rather cool. Moderate winds chiefly westerly freshening on the coast at times. Some clouds in the north. Light showers near the coast and in different parts of Lower Egypt.

NOTES

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

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

Temperatures are inserted in the 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 21 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 20th January 1953

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	SALÛM	220	5	35	02	1	4	AC	12.0	17	52	7
	303	SÎDI BARÂNI	280	15	18	02	1	3	CS	12.0	16	49	5
	306	MATRÛH	250	18	18	02	2	6	cu, Ci	12.3	17	49	6
	309	EL DAB'A	250	15	35	02	1	4	cb	13.9	16	42	3
		ALEXANDRIA	220	22	50	02	2	5	AS, Ci	14.6	14	55	5
	318	Alex. (Airport)	250	17	18	02	2	7	Sc, CS	14.1	14	59	6
	330	DAMIETTA	220	13	15	02	1	6	SC	15.0	16	49	5
	333	PORT SAÎD	240	14	30	02	2	7	Sc, AS	14.9	16	59	8
	336	EL 'ARISH	260	4	30	02	2	7	AS	14.7	17	37	2
Lower Egypt	339	DAMANHUR	230	24	15	02	1	2	Ci	14.8	16	49	5
	342	MANSURA	270	19	35	03	2	8	AS	14.8	17	42	4
	348	TANTA	220	8	35	03	2	8	CS	15.0	16	49	5
	354	ZAGAZIG	00	0	50	02	2	8	AS	15.0	17	52	7
	441	ISMAILIA	250	13	35	03	2	8	AS	15.4	17	34	1
Cairo Area	366	Cairo (Airport)	250	14	18	03	2	7	Cb, AS	15.5	17	56	8
	372	ALMAZA	230	16	30	02	2	7	Ci	15.7	17	39	3
		EZBEKIYA			12	03	1	8	CC	15.5	17	37	2
		GIZA			12	03	1	8	cc	15.9	18	37	3
	378	HELWAN	220	12	50	03	1	7	AC, CC	16.6	16	42	3
Upper Egypt	381	FAIYUM	200	6	35	02	2	8	NS?	16.3	19	37	4
	387	MINYA	300	9	10	02	1	2	Ci	15.8	19	28	0
	393	ASYUT MANQABAD	350	6	30	03	0	2	Ci	16.0	18	26	-2
	399	NAG' HAMMADI	270	1	7	00	0	0	—	16.6	22	36	6
	402	QENA	270	1	50	00	0	0	—	15.2	24	38	9
	405	LUXOR	20	5	30	00	0	0	—	15.1	22	23	0
	414	ASWAN	340	3	50	00	0	0	—	14.6	24	15	-5
Oases	417	SIWA	270	8	13	02	2	7	cu, AC	17.0	16	49	5
	420	BAHARIYA	270	2	35	02	1	4	AC	17.0	19	46	7
	423	FARAFRA	320	4	35	03	0	2	AC	18.3	18	28	-1
	432	DAKHLA	340	11	50	00	0	0	—	17.1	18	32	1
	435	KHARGA	10	2	15	00	0	0	—	15.9	20	24	-1
Red Sea	450	SUEZ	180	3	50	03	0	5	Cu	15.4	20	24	-1
	459	TOR	270	9	35	03	0	2	Ci	[illegible]	23		
	462	HURGHADA	30	10	30	02	0	0	—	[illegible]	21	44	8
	465	QUSEIR	20	5	15	02	0	0	—	14.7	23	44	10
	641	PORT SUDAN	90	12	30	02	0	1	cu	11.0	28	58	19
Northern Sudan	600	WADI HALFA	20	17	30	03	0	2	Ci	13.0	25	7	-13
	640	ABU HAMAD	20	4	30	03	0	3	Ci		31	16	2
	660	KAREIMA	20	5	30	03	0	4	CS	10.2	30	18	3
	680	ATBARA	340	10	30	02	0	0	—	7.1	34	19	7
	721	KHARTUM	20	11	30	01	1	1	Ci	6.3	35	12	2
	730	KASSALA	20	7	30	02	0	0	—	4.3	37	17	8
Central Sudan	751	WAD MEDANI	360	13	35	02	0	0	—	4.2	38	11	3
	801	RENK	310	19	35	02	0	3	AC		37	25	14
	802	ROSEIRES	50	2	35	02	0	0	—		40	6	-4
	771	EL OBEID	60	9				0	—				4
	760	EL FASHER											
	770	GENEINA	230	2	30	02	1	1	Ci		35	7	-6
S. Sudan	840	MALAKAL	50	8	30	03	1	3	Ac, Ci	4.3	37	16	7
	880	WAU	70	11	10	04	2	7	cu, Ci	3.1	37	20	11
	941	JUBA	90	3	30	03	0	5	cu, CS	3.1	39	13	6

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
SALÛM	320	3	15	02	0	3	AC	13.3	13	67	7	0
SÎDI BARÂNI	280	3	14	02	1	5	Sc, AC	13.1	13	67	7	0
MATRÛH	220	8	14	03	2	3	Ci	14.3	12	59	4	0
EL DAB'A	220	8	15	01	1	2	Cu	15.2	11	63	4	0
ALEXANDRIA	220	16	35	01	2	2	Ci	16.0	12	55	3	0
Alex. (Airport)	240	15	12	01	2	3	SC	15.9	12	63	5	0
DAMIETTA	180	2	7	01	1	6	AC	16.6	12	77	8	0
PORT SAÎD	230	13	14	01	1	2	Ci	16.6	11	77	7	0
EL 'ARISH	240	2	14	01	2	0	—	16.2	12	51	2	0
DAMANHUR	230	9	15	02	1	2	Ci	16.0	10	76	6	0
MANSURA	270	3		00	1	0	—	16.0	9	71	4	0
TANTA	220	2	35	02	1	0	—	16.4?	9	71	4	0
ZAGAZIG	00	0	35	02	2	0	—	16.3	10	97	10?	0
ISMAILIA	270	5	35	01	0	0	—	[illegible]	13	55	4	0
Cairo (Airport)	220	7	12	00	1	0	—	16.9	12	72	7	0
ALMAZA	250	5	12	00	0	0	—	17.0	12	59	4	0
EZBEKIYA	00	0	10	00	2	0	—	17.1	13	59	5	0
GIZA	00	0	10	00	2	0	—	17.8	9	71	4	0
HELWAN	00	0	15	01	2	2	AC	18.2	12	55	3	0
FAIYUM	00	0	35	02	2	4?	NS?	17.6	12	63	5	0
MINYA	00	0	8	03	2		AC, Ci	17.4	11	54	2	0
ASYUT MANQABAD	00	0	30	00	1	0	—	17.8	13	34	-3	0
NAG' HAMMADI	00	0		00	0	0	—	17.2	11	63	4	0
QENA	270	1	7	00	0	0	—	17.0	13	55	4	0
LUXOR												
ASWAN	360	4	50	00	0	0	—	15.9	20	17	-6	0
SIWA	00	0	8	02	2	5	AC, Ci	17.0	8	71	3	0
BAHARIYA	270	2	15	03	2	6	AC	17.9	12	63	5	0
FARAFRA	00	0	7	01	1	3	Sc	18.8?	11	51	1	0
DAKHLA	40	4	35	00	0	0	—	17.2	15	30	-3	0
KHARGA	00	0	15	00	0	0	—	16.6	14	27	-5	0
SUEZ	00	0	15	01	0	0	—	16.2	15	48	4	0
TOR	310	13	15	03	1	2	Ci	14.8	17	26	-3?	0
HURGHADA	340	12	12	02	0	0	—	15.6	19	60	11	0
QUSEIR	40	5	15	02	0	0	—	15.4	20	56	11	0

At 0600 on Tuesday 20th January, 1953

Station	Wind 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	0								SALUM
	220	5	5	02	6	8	AS	14.6		10	17		9		76	6	0.4	82		SÎDI BARÂNI
	220	12	14	01	2	7	St, AC	15.1	-3.2	10	17		8		67	4	0	29		MATRÛH
	250	9	15	03	2	8	St	17.4		9	16		8		62	2	0	69		EL DAB'A
	220	11	50	03	2	6	Sc, AC	17.8	-0.8	9	16	+2	8	-2	71	4	0	60	128	ALEXANDRIA
	240	8	12	03	0	7	Sc, AC	17.4	-0.5	9	15	-3	7	-2	71	4	0	59	94	Alex. (Airport)
	200	2		03	1	7	Cu, AC	18.4?	-0.7	8	16	-2	5	-3	88	6	0	13	59	DAMIETTA
	210	11	12	02	1	4	Ac, Ci	18.1	+0.1	11	16	-2	9	-2	67	5	0	30		PORT SAÎD
	150	1	30	02	2	6	AC, Ci	18.1	-0.1	9	18		6		58	1	0	9		EL 'ARISH
	230	9	7	02	1	3	AC	17.4	-1.0	8	16	-4	5	-2	71	3	0	13	53	DAMANHÛR
	220	6	35	03	2	4	AS	18.0	0.0	7	17	-3	5	-2	71	2	0	19	25	MANSÛRA
	220	2	35	03	2	8	AS	17.8	-1.1	8	17?	-3	6	0	71	3	0	2	20	TANTA
	00	0	35	02	1	6	Cu	18.2	-0.7	8	17	-3	6	0	71	3	0	8	13	ZAGAZIG
	160	2	35	01	1	5	Ci	18.8		8	17		5		71	3	0	16		ISMAÎLIA
	200	10	13	03	2	7	SC	18.8		10	17		8		67	4	0	4		Cairo (Airport)
	160	9	12	03	2	7	Ac, CS	19.0	0.0	10	18	-1	8	-1	76	6	0	4		ALMÂZA
	00	0	8	02	2	7	Ac, Cc	19.1	+0.1	8	19	-1	6	-2	71	3	0	14	12	EZBEKÎYA
	00	0	8	02	2	7	Ac, Cc	18.6	-0.5	8	20	+1	5	0	71	3	0	41	13	GÎZA
	00	0	15	03	2	8	AC	19.2	-0.3	9	17	-1	8	0	62	2	0	3	13	HELWÂN
	00	0	35	02	2	8	NS	19.5	+0.3	8	20	-1	6	0	71	3	0	13	4	FAIYÛM
	00	0	8	02	2	6	AC	18.7?	-1.7	9	20	-1	5	+1	62	2	0	1		MINYA
	120	2	12	00	0	2	Ac, Ci	18.3	-0.3	9	19	-2	5	-1	44	-3	0	0		ASYÛT MANQABÂD
	00	0		00	0	0	—	18.6	-0.7	9	22	+1	3	-2	62	2	0	0		NAG' HAMMÂDI
	40	1	35	00	0	0	—	18.7	-0.2	11	26	+3	3	-4	51	1	0	0		QENA
	70	8	30	00	0	0	—	18.1	-0.9	10			3		38	-4	0	0		LUXOR
	00	0	50	00	0	0	—	17.5	-1.4	14	25	+2	10	0	48	3	0	0		ASWÂN
	110	2	12	02	2	7	NS, AC	[illegible]	-3.9	8	16	-4	5	+1	71	3	dr	1	6	SÎWA
	00	0	35	02	2	8	AS	[illegible]	-1.3	8	19	-1	4	-1	71	3	0	dr.	5	BAHARÎYA
	00	0	35	03	1	5	AC	[illegible]		6	19		5		76	2	0	0		FARAFRA
	360	4	50	00	0	0	—	19.2	-1.1	6	20	-2	3	-2	42	-6	0	0		DAKHLA
	00	0	35	00	0	0	—	18.4	[illegible]	10	21	-1	5	-1	38	-4	0	0		KHARGA
	00	0	35	00	0	8	NS	18.4	0.0	10	21	+1	6	-3	62	3	0	31	10	SUEZ
	40	5	35	03	1	3	Ci	17.8	-0.1	9	24	+3	5	-4	47	-2	0	0	8	TÔR
	280	10	18	01	0	3	Cs	17.9	0.0	13	22	+2	9	-1	29	-5	0	dr		HURGHADA
	310	5	15	02	0	0	—	17.1	-0.5	16	25	+2	15	+1	59	8	0	dr.	4	QUSEIR
	310	3	30	03	0	3	SC	15.4		25	29		21		79	21	0			PORT SÛDÂN
	00	0	30	02	0	0	—	16.5		12	26		8		41	-1	0			WÂDI HALFA
	360	2	30	02	0	0	—			18	32		16		17	-8	0			ABU HAMAD
																				KAREIMA
	360	6	30	02	0	0	—	12.4		19	35		16		32	2	0			'ATBARA
	50	6	30	02	0	0	—	11.0		22	36		19		27	2	0			KHARTÛM
	70	4	30	02	0	0	—	11.0		23	35		18		65	16	0			KASSALA
	50	13	35	02	0	0	—	10.0		23	38		16		27	3	0			WÂD MEDANI
	310	9	35	02	0	2	AC			23	37		17		47	11	0			RENK
	310	2	35	02	0	0	—				40		18			13	0			ROSEIRES
	20	5	30	01	0	4	Ci	11.8		20			16		28	1	0			EL OBEID
																				EL FÂSHER
	70	7	30	03	1	4	Ci			14	36		11		32	-3	0			GENEINA
	360	10	30	03	0	8	Ac, CS	10.4		27	39		22		23	4	0			MALAKÂL
	160	3	10	04	0	1	AC	10.5		22	39		20		69	16	0			WÂU
	180	6	10	04	0	0	—	10.0		27	40		19		28	7	0			JUBA

HUMIDITY % Mean of day

Station	On 19th	Diff. from normal
Alexandria	57	-9
Ezbekiya	48	-19
Giza	57	-16
Helwan	46	-12

GIZA GRASS MINIMUM TEMP. On 20th 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

Cairo AIRPORT On 19th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	147	16		280	13
950					
900					
850	1498	5		220	21
800					
700	3051	0		200	28
600					
500	5675	-16		260	56
400	7317	-27			
300	9347	-42			

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

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

UPPER WIND OBSERVATIONS on 19th

Height m.	Matruh Dir.	Vel.	Alex. A.P. Dir.	Vel.	Port Said Dir.	Vel.	El Arish Dir.	Vel.	Almaza Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Siwa Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		14		13	15	14		14		14	30	14		14		14		14		20	
300	260	5	250	18	240	29	250	15	220	17	330	3	310	9	330	7	10	15	270	18	350	7	340	14	320	6
600	260	10	260	19	240	29	250	19	230	22	280	8	310	12	320	5	10	16	270	16	350	11	340	16	320	6
1000	260	13	270	19	240	31	250	17	260	22	350	9	310	9	290	6	20	17	270	15	340	13	330	16	320	7
1500			270	20	240	28	240	13	260	20	350	10	270	23	290	15			270	28	330	16	340	11	280	6
2000			260	10	240	15	250	28	260	22	350	13	250	26	260	24			260	23	340	10			230	13
3000					250	32	250	38	260	28			220	25	240	22			280	18						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Alex. Airport Dir.	Vel.	Port Saîd Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
Time	8		5				2				6	45	2		8		4	30			8			
300	240	19	260	6			250	16			170	4	80	6	120	6	20	10			330	22		
600	230	30	220	18			250	12			230	5	80	4	150	3	360	6			310	17		
1000	220	40	210	15			240	13			230	10	180	3	220	7	340	6			320	27		
1500	250	26	180	19			240	10			230	16	260	12	260	11	240	8			330	56?		
2000			220	19			240	18			230	20	280	25	260	19	250	23						
3000							240	31			240	21			250	26	230	39						
4000															250	30								
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		8		6						4								4	
300	150	15	280	18	110	7	30	11	40	13														
600			280	17	130	11	30	10	60	20					30	13							10	24
1000	170	20	270		160	6	20	5	60	13					40	9							30	34
1500	200	20	280	5?	250	14	330	9	190	5					40	5								
2000	290	36	320		230	10	280	19	240	22													50	16
3000															310	2							150	7
4000																							110	11
5000																							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

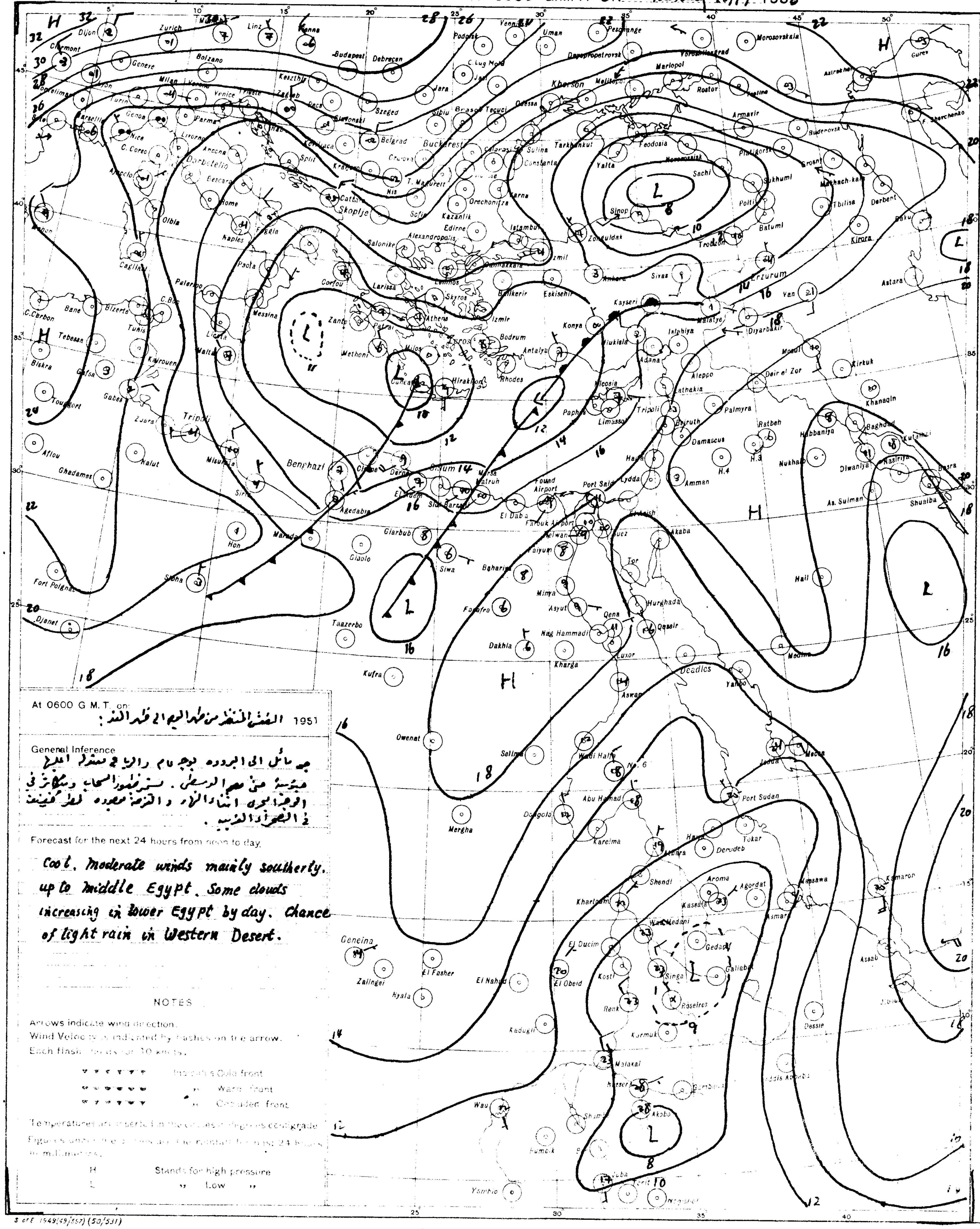
Note: All times are G.M.T.

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

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 20/1/1953



At 0600 G.M.T. on: الطقس المنتظر من ظهر اليوم الى ظهر الغد : 1951

General Inference

جو مائل الى البرودة بوجه عام والرياح معتدلة اغلبها جنوبية حتى مصر الوسطى. ستزداد السحب وسيكون في الوجه البحري اثناء النهار والفرصة مهيأة لمطر خفيف في الصحراء الغربية.

Forecast for the next 24 hours from noon to day.

Cool. Moderate winds mainly southerly up to middle Egypt. Some clouds increasing in lower Egypt by day. Chance of light rain in Western Desert.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the stations 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 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: Wednesday 21st January, 1953

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	SALUM	200	5		03	2		AS	12.8	15	48	4
	303	SIDI BARANI	240	11	18	02	6	7	Cu, AC	12.8	15	45	3
	306	MATRUH	220	18	18	02	2	7	Cu	13.4	16	28	-3
	309	EL DABA	220	8	35	02	1	4	Cb	14.7	17	34	1
		ALEXANDRIA	270	13	50	02	2	5	Cc	15.9	16	42	3
	318	Alex (Airport)	260	12	18	02	2	6	AC	15.5	17	28	2
	330	DAMIETTA	200	2	15	02	1	7	Sc	16.2	15	59	7
	333	PORT SAID	180	5	30	02	2	7	AC	17.1	14	67	8
	336	EL ARISH	180	2	30	03	2	8	AS	16.7	18	37	3
Lower Egypt	339	DAMANHUR	230	9	15	02	1	4	AC	16.2	16	42	3
	342	MANSURA	180	5	35	03	2	8	AS	17.2	15	48	4
	348	TANTA	00	0	35	03	2	7		16.2	15	48	4
	354	ZAGAZIG	00	0	50	02	2	8	Cu	16.0	15	59	7
	441	ISMAILIA	110	5	35	03	2	8	AS	16.8	16	42	3
Cairo Area	366	Cairo (Airport)	250	7	14	02	2	8	AC	17.0	15	63	8
	370	ALMAZA	200	8	14	02	2	8	AC	16.9	15	48	4
		EZBEKIYA	210	2	12	03	2	8	Ac, Cs	16.4	16	49	5
		GIZA	210	2	12	03	2	8	Ac, Cs	16.7	16	42	3
	378	HELWAN	00	0	15	02	2	8	AS	17.4	14	55	5
[illegible]	381	FAIYUM	00	0	35	02	2	8	NS	16.4	14	67	8
	387	MINYA	140	1	10	03	2	6	AC	15.5	20	35	4
	392	ASYUT MANGABAD	60	2	30	02	1	2	Ac Cc	15.6	19	28	0
	399	NAG HAMMADI	320	2	35	00	0	0	—	16.4	20	46	8
	402	QENA	40	1	50	00	0	0	—	15.5	23	32	5
	405	LUXOR	90	4	30	00	0	0	—	15.3	22	25	1
	414	ASWAN	20	5	50	00	0	0	—	14.4	24	26	3
Oases	417	SIWA	150	5	12	02	2	5	Sc, AC	14.3	19	30	1
	420	BAHARIYA	00	0	35	02	2	7	AC	16.0	18	46	6
	423	FARAFRA	130	4	35	03	2	7	AS	15.9	19	23	-3
	432	DAKHLA	160	11	50	00	0	0	—	15.1	22	16	-5
	435	KHARGA	00	0	35	00	0	0	—	14.4	23	18	-3
[illegible]	450	SUEZ	40	2		01	0	7	Cu	16.7	17	42	4
	451	TOR	270	13	35	01	1	4	Cc	16.6?	21	41	7
	462	HURGHADA	10	4	30	02	0	0	—	16.0	20	38	5
	465	QUSEIR	20	5	15	02	0	0	—	15.1	21	57	12
	641	PORT SUDAN	50	8	30	03	0	2	Cu	12.8	29	66	22
[illegible]	650	WADI HALFA	10	12	30	02	0	0	—	11.6	27	12	-5
	640	ABU HAMAD	00	0	30	02	0	0	—		33	24	10
	660	KAREIMA	60	2	30	01	0	0	—	8.1	33	24	10
	680	ATBARA	90	8	30	08	0	1	Cc	6.5	37	16	7
	721	KHARTUM	20	7	30	03	0	2	Cc	5.9	37	17	8
	[illegible]	KASSALA	40	3	30	02	0	0	—	6.4	39	11	3
[illegible]	751	WAD MEDANI	360	9	15	02	0	0	—	4.5	39	7	-3
	[illegible]	RENK	360	13	35	02	0	2	AC	5.6	39	17	10
	862	ROSEIRES	50	2	35	02	0	0	—	3.4	40	5	-8
	[illegible]	EL OBEID	130	13	30	01	1	2	Ac Cc	6.0	35	19	8
	[illegible]	EL FASHER	00	0	30	03	2	7	Cs		33	19	6
	[illegible]	GENEINA	100	3	30	03	1	7	Cs		35	11	0
[illegible]	[illegible]	MALAKAL	200	3	10	04	1	1	AC	5.4	36	17	7
	[illegible]	WAU	70	11	10	04	1	4	Cc	5.2	37	18	9
	[illegible]	JUBA	90	5	30	03	0	1	Cc	4.2	39	9	1

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.
SALUM	220	3	15	03	2	8	AS	13.3	12	63	5	0
SIDI BARANI	250	6	13	61	2	8	AS	13.5	11	82	8	0.6
MATRUH	250	3	10	02	6	8	AC	14.1	12	63	5	dr.
EL DABA	250	1	35	02	1	5	Cb	15.4	13	44	1	0
ALEXANDRIA	00	0	35	02	2	3	Cc	16.0	14	55	5	0
Alex (Airport)	00	0	10	10	2	7	Ac, Cs	16.1	9	82	6	0
DAMIETTA	180	2		01	1	3	AC	17.5	11	77	7	0
PORT SAID	160	4	14	01	0	1	AC	17.3	12	72	7	0
EL ARISH	60	0	18	01	2	2	Cc	17.1	11	63	4	0
DAMANHUR	230	5	7	02	1	3	AC	16.4	11	77	7	0
MANSURA	220	5		03	2	6	AS	17.0	11	63	4	0
TANTA	00	0	35	03	2	5	AC	17.1	12	63	5	0
ZAGAZIG	00	0	35	02	2	0	—	16.6	12	63	5	0
ISMAILIA	20	2	35	01	0	0	—	17.1	11	51	1	0
Cairo (Airport)	110	2	12	03	1	5	AC	16.5	12	63	5	0
ALMAZA	110	3	12	02	2	4	AC	16.2	11	54	2	0
EZBEKIYA	00	0	10	01	2	4	AC	17.2	12	63	5	0
GIZA	00	0	10	01	2	4	AC	16.6	9	76	5	0
HELWAN	70	4	7	05	1	5	AC	17.0	12	44	0	0
FAIYUM	00	0	35	02	0	6	NS	17.0	11	77	7	0
MINYA	00	0	8	03	2	7	AC	15.7	14	59	6	0
ASYUT MANGABAD	170	2	8	03	2	7	AC	16.3	17	28	-2	0
NAG HAMMADI	00	0		01	0	2	Sc, Cu	16.6	12	63	5	0
QENA	00	0	7	00	0	0	—	16.0	13	67	7	0
LUXOR												
ASWAN	340	3	50	00	0	0	—	15.1	20	33	3	0
SIWA	50	3	8	02	8	7	NS, AC	13.4	15	39	1	dr.
BAHARIYA	90	2	15	02	2	8	Ac	15.8	14	48	3	0
FARAFRA	40	1	7	03	2	8	AS	14.8	15	30	-3	0
DAKHLA	140	11	35	00	0	3	Cc	14.2	17	26	-3	0
KHARGA	00	0	15	00	0	0	—	14.3	18	20	-5	0
SUEZ	00	0	15	01	0	5	Cu	16.6	13	67	7	0
TOR	310	9	15	03	1	7	Ac	16.2	19	46	7	0
HURGHADA	00	0	12	02	1	4	Sc, Cc	15.6	14	52	4	0
QUSEIR	40	2	15	02	0	0	—	15.4	16	59	8	0

At 0600 on Wednesday 21st January, 1953

Wind 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
220	4	15	00	0	0	—	14.1	-3.6	7	16	-3	5	-4	76	3		15		SALUM
210	3	15	62	0	1	Cb	13.9		7	16		6		81	4		83		SIDI BARANI
260	15	12	01	6	1	Sc	13.9	-4.3	9	17		8		71	4	0.5	30		MATRUH
250	13	15	01	0	3	Cu			12	17		8		77	8	0	69		EL DABA
130	16	35	03	5	7		14.2	-4.4	11	17	-1	9	-1	77	7	0.1	60	130	ALEXANDRIA
160	9	18	03	8	7	Cu, Sc	14.2	-3.7	11	18	0	9	0	77	7	0.1	59	95	Alex (Airport)
140	5	7	02	1	3	Sc	16.8	-0.9	11	16	-2	7	-1	88	9	0	13	60	DAMIETTA
140	12	14	01	6	7	AC	16.7	-1.3	11	16	-2	10	-1	82	8	0.6	31		PORT SAID
80	3	30	00	5	7	St	16.8	-1.4	11	18		7		77	7	1	10		EL ARISH
130	9	15	02	1	7	Cu	15.2	-3.2	11	17	-3	7	0	77	7	0	13	54	DAMANHUR
140	5	15	03	2	7	Sc	15.5	-2.5	10	17	-3	7	0	76	6	0	19	25	MANSURA
180	2	35	03	6	5	Ac, Cc	15.0	-3.9	11	16	-4	8	+2	77	7	dr.	2	20	TANTA
00	0	35	02	5	8	Sc	15.5	-3.3	11	16	-4	7	+1	77	7	1	9	14	ZAGAZIG
180	2	35	02	6	8	AS	16.3		11	17		7		88	9	2	18		ISMAILIA
110	6	8	05	8	6	AC	15.1		16	17		10		59	8	dr.	4		Cairo (Airport)
60	4	12	01	5	6	AS	14.9	-4.1	13?	17	-2	10	+1	72	8	3	7		ALMAZA
00	0	8	02	5	7	Sc	14.6	-4.3	12?	16	-4	7?	-1	77	8	0.4	14	13	EZBEKIYA
00	0	8	02	5	7	Sc	15.0	-4.0	16	17?	-2	7	+2	64	9	0.5	42	14	GIZA
90	5	15	02	2	7	AC	15.0	-4.4	17	16?	-3	11	+3	34	1	0	3	13	HELWAN
00	0	35	02	2	7	NS	15.1	-4.1	12	16	-5	7	+1	63	5	0	13	4	FAIYUM
00	0	8	02	2	7	AC	16.2	-4.2	11	20	-1	9	+5	77	7	0	1		MINYA
00	0	8	10	0	3	AC	16.4	-3.7	11	21	0	10	+4	54	2	0	0		ASYUT MANGABAD
00	0	3	02	1	7	Cu, AC	16.7	-2.6	11	23	+2	5	0	63	4	0	0		NAG HAMMADI
40	1	35	03	1	6	AC	16.3	-2.6	16	26	+3	6	-1	49	5	0	0		QENA
																			LUXOR
20	5	56	00	0	0	—	15.1	-3.8	16	25	+2	12	+2	49	5	0	0		ASWAN
270	2	14	03	0	1	AC	18.2	-2.4	6	19	-1	6	+2	87	4	dr.	1	6	SIWA
270	2	35	02	1	3	AC	17.2	-2.8	11	20	0	8	+3	47	0	0	dr.	5	BAHARIYA
320	14	35	03	2	7	AS	18.2		13	19		10		67	7	0	0		FARAFRA
90	15	50	01	1	6	Cc	18.4	-1.8	7	24	+2	5	0	57	-1	0	0		DAKHLA
00	0	15	02	2	6	AC	16.8	-2.7	10	24	+2	8	+2	38	-4	0	0		KHARGA
180	2	35	00	0	7	Cu	16.0	-2.4	15	18	-2	8	-1	48	4	0	31	10	SUEZ
310	5	35	03	2	7	AC	16.7	-1.2	18	22	+1	6	-3	51	8	0	0	9	TOR
280	11	18	02	2	6	Ac	16.6	-1.3	15	22	+2	11	+1	42	2	0	dr		HURGHADA
310	2	15	02	0	0	—	15.8	-1.7	17	22	-1	15	+1	68	11	0	dr.	4	QUSEIR
320	7	30	01	1	2	Sc	15.0		25	29				79	21	0			PORT SUDAN
00	0	30	02	0	0	—	13.9		14	28		11		36	-1	0			WADI HALFA
70	3	30	02	0	0	—			20	36		17		69	14	0			ABU HAMAD
280	3	30	02	0	0	—	12.2		19	35		17		52	9	0			KAREIMA
90	5	30	02	0	0	—	11.5		23	38		19		57	14	0			ATBARA
30	8	30	02	0	0	—	10.8		22	38		20		33	5	0			KHARTUM
																			KASSALA
																			WAD MEDANI
310	13	35	02	0	2	AC			25			16		54	15	0			RENK
310	2	35	02	0	0	—	11.1		23	41		18		50	12	0			ROSEIRES
360	3	30	01	1	3	Ac Cc	11.2		23	36		19		22	0	0			EL OBEID
00	0	30	01	2	5	AC			18	35		17		34	2	0			EL FASHER
																			GENEINA
140	11	30	03	0	3	AC	10.7		25	39		21		32	7	0			MALAKAL
80	2	10	04	0	0	—	10.8		22	38		19		53	12	0			WAU
120	3	30	04	1	1	Cc	11.6		25	40		20		32	7	0			JUBA

[illegible]	20th	[illegible]
[illegible]	58	-8
[illegible]	61	-6
[illegible]	68	-5
[illegible]	50	-8
21st	5.8	

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On … At …

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

Remarks

RAWINSONDE

Cairo Airport — On 20th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	13			
950					
900					
850	1496	7			
800					
700	3063	-2			
600					
500	5661	-18		240	58
400	7301	-27		240	94
300	9321	-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 20th

Station	S.Barani		Matruh		Alex.A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		Hurghada	
Time	14		14		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	250	21	220	15	210	10	200	12	160	4	210	7	340	5	30	3	30	7	360	9	110	8	40	10	40	6
600	240	17	230	18	220	11	220	17	220	5	200	10	120	4	100	4	80	8	20	10	140	9	30	13	320	3
1000	240	38	230	15	220	12	240	17	210	9	250	14	80	8	300	3	100	10	30	14	150	7	360	15	150	3
1500	240	37	250	21	240	17	230	15	210	15	240	17	210	3	280	11	110	6	100	9	190	10			260	10
2000			250	17	240	16	250	31	230	21			260	8	290	11	360	12	20	19	220	16			290	26
3000									230	13					240	17	280	10								
4000															250	30										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st.

Station	Sidi Barani		Matruh		Alex Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		[illegible]		Almaza	
Time	8		5		2		3				6 45		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.
500	260	24	280	10	170	10	120	10			120	13	60	4	120	7	340	5			340	11	200	16
600	260	21	310	5	180	11	120	10	—		160	24	320	3	140	2	340	3			30	7	220	24
1000	260	23	320	5	200	13	130	9			160	24	170	6	250	8	150	11			140	4	220	29
1500			270	12			150	11			190	29	190	6	280	6	150	7					220	42
2000	240	23					140	9			230	32	130	11	220	8	180	6					250	27
3000													260	30	210	26	160	17						
4000															230	42								
5000																								
6000																								
7000																								
8000																								

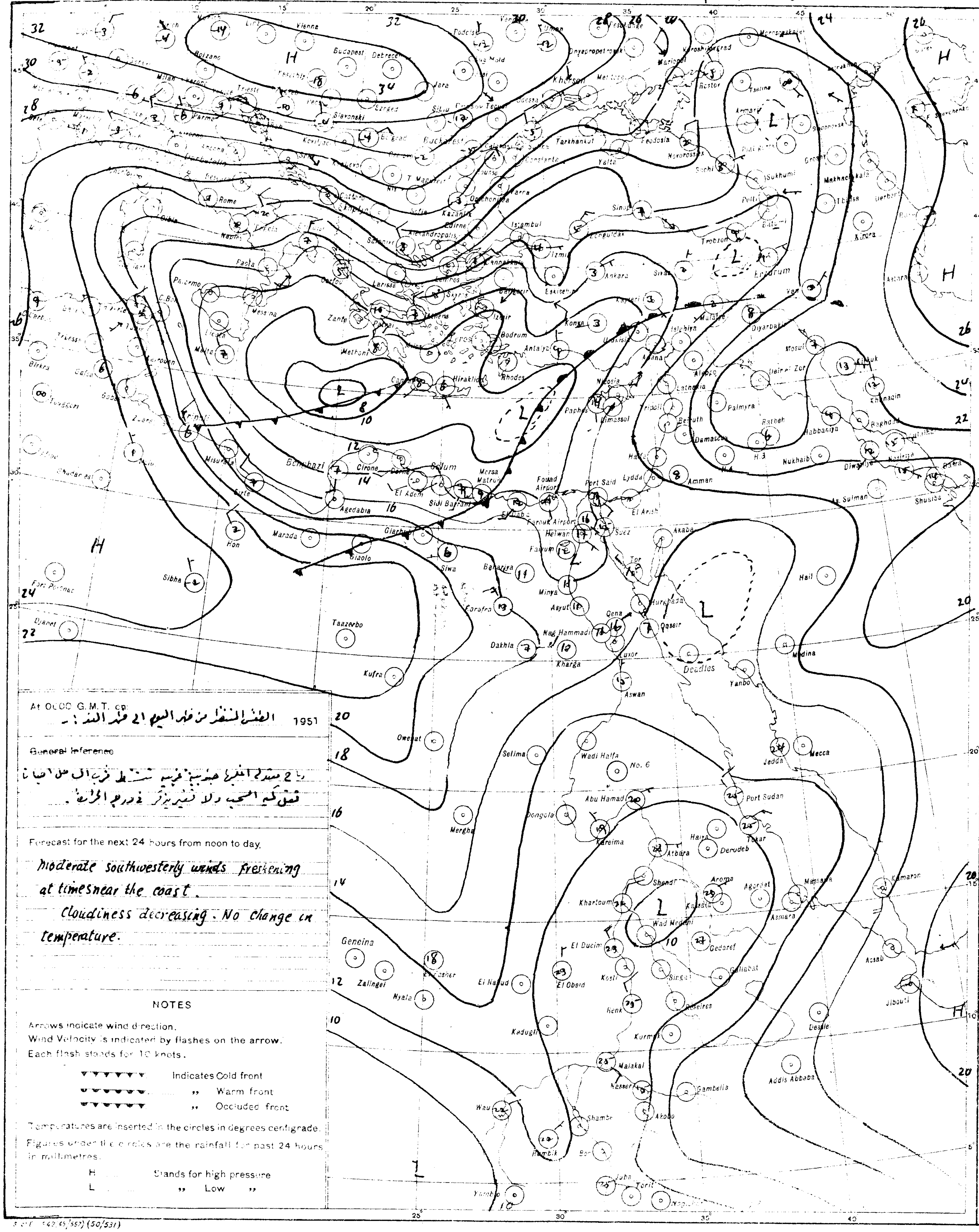
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El [illegible]		[illegible]		[illegible]	
Time	8		8		8		8				4		4		4				5				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	30	40	36	290	15	10	7																
600	270	29	50	35	280	19	360	5			120	8	50	13	150	2							330	7
1000	270	26	50	53	280	10	150	3			140	12	80	16	60	13			40	17			350	16
1500	260	23			260	10	110	3			150	16	120	9	90	12			70	13			20	7
2000	260	26			150	16	250	7											170	4				
3000	360	35									260	22	180	15	240	5							100	10
4000	270	36																						
5000											270	26			260	15							90	26
6000											260	16			240	12								
7000																								
8000											250	26												

Remarks: 1. Wind Direction in degrees east of North
2. " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3. Present weather, Past weather, Form and amount of clouds 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 21/1/1953



At 0600 G.M.T. on الطقس المنتظر من ظهر اليوم الى ظهر الغد :- 1951

~~General Inference~~

رياح معتدلة الى جنوبية غربية تنشط قرب السواحل احيانا
تقل كمية السحب ولا تغيير يذكر في درجة الحرارة .

Forecast for the next 24 hours from noon to day.

Moderate southwesterly winds freshening at times near the coast.

Cloudiness decreasing. No change in temperature.

NOTES

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

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

Temperatures are inserted in the 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.P.P. 143.45/557) (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 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: Thursday 22nd January, 1953

At 1200 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.
Salum			35	00	0		AC	12.8	16	49	5
Sidi Barani	260	15	18	02	0	2	Cu	12.9	15	52	5
Matruh	230	19	14	02	0	1	Cu	13.5	17	34	1
El Daba	270	11	35	01	1	2	Cu	13.7	17	39	3
Alexandria	270	22	50	02	8	4	Cu	14.3	16	68	10
Alex. (Airport)	280	20	18	02	2	2	Cu	13.9	18	60	10
Damietta	140	2	35	02	5	3	Cu	14.2	18	60	10
Port Said	130	10	18	02	1	4	AC	13.8	18	68	12
El Arish	180	2	30	01	2	5	AC	13.3	22	33	5
Damanhur	270	13	15	02	1	1	Cu	13.7	19	37	4
Mansura	180	5	35	03	2	5	Cu	13.5	22	44	9
Tanta	220	5	35	03	2	7	Cu	13.5	20	41	6
Zagazig	00	0	50	01	2	6	Cu	13.3	22	50	11
Ismailia	180	5	35	03	1	6	AC	13.4	22	44	9
Cairo (Airport)	250	19	18	01	2	5	AC	15.1	23	36	7
Almaza	220	20	30	01	2	5	AC	15.3	23	32	5
Ezbekiya	220	8	14	01	2	5	Ac	13.9	23	26	2
Giza	220	8	14	01	2	5	AC	14.0	24	26	3
Helwan	250	11	35	01	1	2	AC	14.0	22	29	3
Faiyum	200	8	35	01	2	5	Ac	14.7	22	41	3
Minya	270	13	12	01	1	3	AC	15.0	24	19	-1
Asyut Mangabad	340	3	12	01	1	1	AC	14.4	25	28	5
Nag Hammadi	00	0	7	00	1	0	–	14.6	25	47	13
Qena	270	1	50	02	1	3	Ci	13.3	27	52	16
Luxor	20	4	30	02	0	1	Cu	11.7	24	54	14
Aswan	340	5	50	00	0	0	–	11.6	27	42	13
Siwa	280	16	14	02	0	1	Cu	18.3	15	27	-4
Bahariya	270	4	35	02	1	3	AC	16.7	17	60	9
Farafra	320	2	35	02	0	3	AC	18.2	17	34	1
Dakhla	340	19	35	00	0	0	–	16.2	21	20	-3
Kharga	00	0	35	00	0	0	–	13.6	27	9	-8
Suez	220	3	50	02	0	7	Cu	13.1	20	41	6
Tor	220	5	35	01	2	7	AC	14.6	21	57	12
Hurghada	360	5	30	02	2	6	AC	14.2	20	53	10
Quseir	20	9	15	03	1	0	–	14.4	23	50	12
Port Sudan	70	10	30	02	0	1	Cu	12.1	28	70	22
Wadi Halfa	350	10	30	02	0	0	–	11.0	29	17	1
Abu Hamad	00	0	30	02	0	0	–		34	29	13
Kareima	360	4	30	02	0	0	–	8.0	35	20	9
Atbara	130	9	35	01	0	0	–	6.0	39	12	5
Khartum	130	5	30	02	0	0	–		37	20	11
Kassala	360	6	30	02	0	0	–	5.8	39	14	7
Wad Medani	50	5	35	02	0	0	–	4.7	40	8	0
Renk	50	5	50	02	0	2	AC		40	11	4
Roseires	50	2	35	02	0	0	–	4.6	40	6	-4
El Obeid											
El Fasher	00	0	30	02	0	2	Ci		36	19	9
Geneina	70	7	30	02	0	2	Cc		33	11	-1
Malakal	220	12	30	02	0	0	–	5.1	39	13	6
Wau	90	8	10	04	0	0	–	4.5	39	12	4
Juba											

At 1800 on Wednesday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
Salum	220	5	15	00	0	0	–	13.3	15	48	4	0
Sidi Barani	220	11	14	02	0	0	–	13.0	11	47	0	0
Matruh	220	18	14	00	0	0	–	14.1	11	33	-5	0
El Daba	250	9	7	00	0	0	–	14.7	11	41	-2	0
Alexandria	270	21	35	00	0	0	–	15.8	15	30	-3	1
Alex. (Airport)	280	15	12	01	1	0	–	15.9	14	39	0	0
Damietta	320	9		02	1	3	Cu	15.6	15	77	11	dr.
Port Said	300	12	18	02	2	5	AC	15.7	15	82	12	0
El Arish	270	6	14	02	1	3	Ac	14.1	17	52	7	0
Damanhur	270	5	15	02	1	0	–	16.2	11	77	7	0
Mansura	320	5		00	1	0	–	16.8	13	77	9	0
Tanta	220	2	35	01	2	4	Cu As	16.7	12	77	8	0
Zagazig	00	0	35	02	1	4	Cu	15.9	13	77	9	0
Ismailia	290	5	35	03	1	6	Ac	16.0	15	59	7	0
Cairo (Airport)	260	9	12	01	2	6	AC	16.4	15	59	7	0
Almaza	250	8	12	03	2	6	AC	16.8	15	52	5	0
Ezbekiya	250	7	12	03	2	5	AC	17.1	15	48	4	0
Giza	250	7	12	03	2	5	AC	17.0	15	48	4	0
Helwan	290	8	15	01	1	4	AC	17.8	14	48	3	0
Faiyum	00	0	35	02	1	4	Ac	18.0	13	55	4	0
Minya	320	6	8	01	1	3	Ac	18.8	13	44	1	0
Asyut Mangabad	320	6	12	00	0	0	–	17.5	14	48	3	0
Nag Hammadi	00	0		00	0	0	–	16.3	13	77	9	0
Qena	270	1	7	00	0	0	–	15.0	17	60	9	0
Luxor	00	0	12	00	0	0	–	14.6	18	64	11	0
Aswan	00	0	50	03	2	6	AC	13.1	23	44	10	0
Siwa	270	6	10	00	0	0	–	18.7	9	40	-4	0
Bahariya	290	1	15	02	1	0	–	19.4	10	76	6	0
Farafra	00	0	15	02	0	0	–	19.1	11	51	1	0
Dakhla	340	15	35	00	0	0	–	17.8	15	20	-8	0
Kharga	360	4	15	00	0	0	–	16.0	18	28	-1	0
Suez	310	3	15	01	0	2	Cu	16.0	17	42	4	0
Tor	360	5	15	02	1	0	–	15.5	19	49	8	0
Hurghada	220	3	12	02	0	0	–	14.8	15	59	7	0
Quseir	90	2	15	01	1	0	–	15.1	22	65	15	0

At 0600 on Thursday 22nd January, 1953

Station	Wind 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	220	6	15	03	2	7	AS	13.0	-4.7	7	18	-1	6	-3	71	2	0	15	
Sidi Barani	230	18	8	05	0	2	As	13.7		7	17		7		57	-1	0	83	
Matruh	230	23	13	07	0	0	–	13.8	-4.4	7	17		6		71	2	0	30	
El Daba	220	21	15	00	0	0	–	15.6		7	18		6		43	-5	0	69	
Alexandria	220	22	7	03	4	8	AS, CC	16.4	-2.2	8	17	-1	8	-2	46	-3	1	61	132
Alex. (Airport)	240	15	14	02	0	0	–	16.6	-1.3	8	18	0	6	-3	54	-1	0	59	97
Damietta	200	2	7	00	0	0	–	17.6	0.0	5	19	+1	3	-5	81	2	dr.	13	61
Port Said	230	20	14	02	0	0	–	17.8	-0.2	10	20	+2	8	-3	54	1	0	31	
El Arish	230	9	30	01	1	1	Sc	18.1	0.0	9	23		8		54	0	0	10	
Damanhur	270	9	15	02	0	0	–	16.8	-1.5	8	21	+1	5	-2	71	3	0	13	55
Mansura	220	9	35	00	0	0	–	17.6	-0.3	5	22	+2	3	-4	70	0	0	19	26
Tanta	220	13	35	03	2	8	AS, Ci	17.6	-1.2	7	22	+2	4	-2	57	-1	0	2	20
Zagazig	00	0	35	02	0	0	–	18.2	-0.6	5	23	+3	4	-2	81	2	0	9	14
Ismailia	200	2	35	01	0	0	–	18.8		8	23		5		46	-3	0	18	
Cairo (Airport)	220	16	14	00	0	0	–	19.6		8	23		6		62	1	0	4	
Almaza	200	14	12	00	0	0	–	19.6	+0.6	8	23	+3	7	-2	54	-1	0	7	
Ezbekiya	00	0	10	00	0	0	–	19.9	+1.1	6	24	+4	5	-3	71	1	0	14	13
Giza	00	0	10	00	0	0	–	20.0	+1.1	6	24	+5	5	0	57	-2	0	42	14
Helwan	180	5	7	05	0	1	Ci	21.0	+1.6	6	23	+4	5	-3	57	-2	0	3	14
Faiyum	200	4	35	02	0	0	–	21.0	+1.8	6			4	-2	57	-2	0	13	4
Minya	00	0	8	03	0	4	AC	22.1	+1.7	6	25	+4	2	-2	66	0	0	1	
Asyut Mangabad	240	3	12	00	0	1	AC	21.9	+1.8	7	26	+5	5	-1	53	-2	0	0	
Nag Hammadi	270	1		00	0	0	–	20.2	+1.0	10	26	+5	6	+1	76	6	0	0	
Qena	270	1	35	00	0	0	–	19.2	+0.3	12	29	+6	6	-1	55	3	0	0	
Luxor	330	9	30	00	0	0	–	18.9	0.0	13	27		10		41	0	0	0	
Aswan	340	8	15	01	1	3	Ci	18.7	-0.2	14	28	+5	12	+2	48	3	0	0	
Siwa	230	12	10	00	0	1	Ci	19.4	-1.1	7	16	-4	5	+1	46	-4	0	1	6
Bahariya	220	1	35	02	1	4	Ac	21.0	+1.0	7	18	-2	2	-3	57	-1	0	dr.	5
Farafra	00	0	35	02	0	0	–	22.7		3	18		0		65	-3	0	0	
Dakhla	340	19	50	00	0	0	–	22.0	+1.8	6	21	-1	4	-1	57	-2	0	0	
Kharga	00	0	15	00	0	0	–	20.6	+1.2	10	27	+5	7	+1	38	-4	0	0	
Suez	00	0	35	00	0	2	Cu	19.5	+1.2	11	23	+3	7	-2	41	-2	0	31	10
Tor	310	13	35	02	0	0	–	18.2	+0.4	15	22	+1	10	+1	39	1	0	0	9
Hurghada											23	+3							
Quseir	330	5	15	02	0	0	–	16.0	-1.5	18	23	0	16	+2	52	8	0	dr.	4
Port Sudan	180	2	30	02	2	7	SC			25	28		21		79	21	0		
Wadi Halfa	340	11	30	03	0	1	Ci	18.0		12	30		11		47	1	0		
Abu Hamad	20	4	30	03	0	2	AC			22	35		20		33	5	0		
Kareima	350	4	30	02	0	0	–	14.7		19	36		17		35	3	0		
Atbara	340	10	30	02	0	0	–	11.7		23	40		20		38	8	0		
Khartum	340	13	30	02	0	0	–	11.0		24	39		21		26	3	0		
Kassala	110	2	30	02	0	0	–	10.1		27	39		17		40	12	0		
Wad Medani	50	5	15	02	0	0	–	9.6		30 ?	41		17		27	9	0		
Renk	360	9	35	02	0	2	AC			23	41		17		53	13	0		
Roseires																			
El Obeid	340	12	30	02	0	2	AC, Ci	12.1		21	38		19		28	2	0		
El Fasher	00	0	30	02	0	3	Ci			18	37		16		34	2	0		
Geneina	40	10	30	02	1	4	AC, Ci			19	35		17		21	-4	0		
Malakal	180	5	10	04	0	0	–	10.7		23	40		20		41	9	0		
Wau																			
Juba																			

UPPER AIR OBSERVATIONS

21st.
51 -15
54 -13
60 -12
32 -26

22nd 0.6

Aeroplane Ascent

RAWINSONDE — Cairo (Farouk) Airport, On 21st At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	138	18		230	15
950					
900					
850	1500	7		220	21
800					
700	3074	-1		220	40
600					
500	5569	-16		230	66
400	7337	-20		230	113
300	9435	-36			

UPPER WIND OBSERVATIONS on 21st

Height m.	Matruh 14 Dir.	Vel.	Port Said 14 Dir.	Vel.	El Arish 14 Dir.	Vel.	Minya 14 Dir.	Vel.	Asyut 14 Dir.	Vel.	Luxor 14 ? Dir.	Vel.	Aswan 14 Dir.	Vel.	Siwa 14 Dir.	Vel.	Dakhla 14 Dir.	Vel.	Kharga 14 Dir.	Vel.	Hurghada 14 Dir.	Vel.	Alex. A.P. 20 Dir.	Vel.	Almaza 19 Dir.	Vel.
300 ?	240	17	210	5	170	21	320	18	300	26	360	1	340		260	35	340	21	330	9	40	5	260	17	270	29
600 ?	240	13	210	5	200	21	320	27	300	28	320	5	350		"0	33	340	26	330	13	100	4	250	12	280	23
1000	240	10	220	5	230	21	300	20	300	20	320	5	320		60	28	340	30	330	15	100	4	250	13	260	23
1500			40	3	260	16	340	30	250	3	230	5			260	30	350	46	330	13	60	10	230	16	220	14
2000 ?					230	18	340	6	200	15	220	9							330	7	240	11			220	30
3000					230	44 ?	140	7	240	28	220	9													210	47
4000					230	69 ?			240	45																

UPPER WIND OBSERVATIONS on 22nd

Height m.	Sidi Barani 8 Dir.	Vel.	Matruh 8 Dir.	Vel.	Alex. Airport 2 Dir.	Vel.	Port Said 4 Dir.	Vel.	El Arish 8 Dir.	Vel.	Helwan 7 30 Dir.	Vel.	Minya 2 Dir.	Vel.	Asyut Mangabad 8 Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Almaza 4 Dir.	Vel.
300	260	31	240	18	240	24	260	21	240	22	190	8	10	7	320	9					240	26
600	280	41	230	29	250	23	260	36	230	29	250	17	10	9	320	19					260	38
1000	280	40			250	26	270	38	250	36	260	23	10	10	330	24					260	30
1500					260	26	250	31			270	30	10	10	260	16					260	30
2000							230	27					350	15	270	26						
3000													320	2	250	37						

Height m.	Siwa 8 Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla 8 Dir.	Vel.	Kharga 8 Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartum Dir.	Vel.	Kassala Dir.	Vel.
300	250	34	10	16	330	17	350	11										
600	260	37	10	18	350	22	350	15										
1000	260	41	10	24	350	26	350	17										
1500	280	48	360	52 ?	340	21	290	20										
2000							270	26										

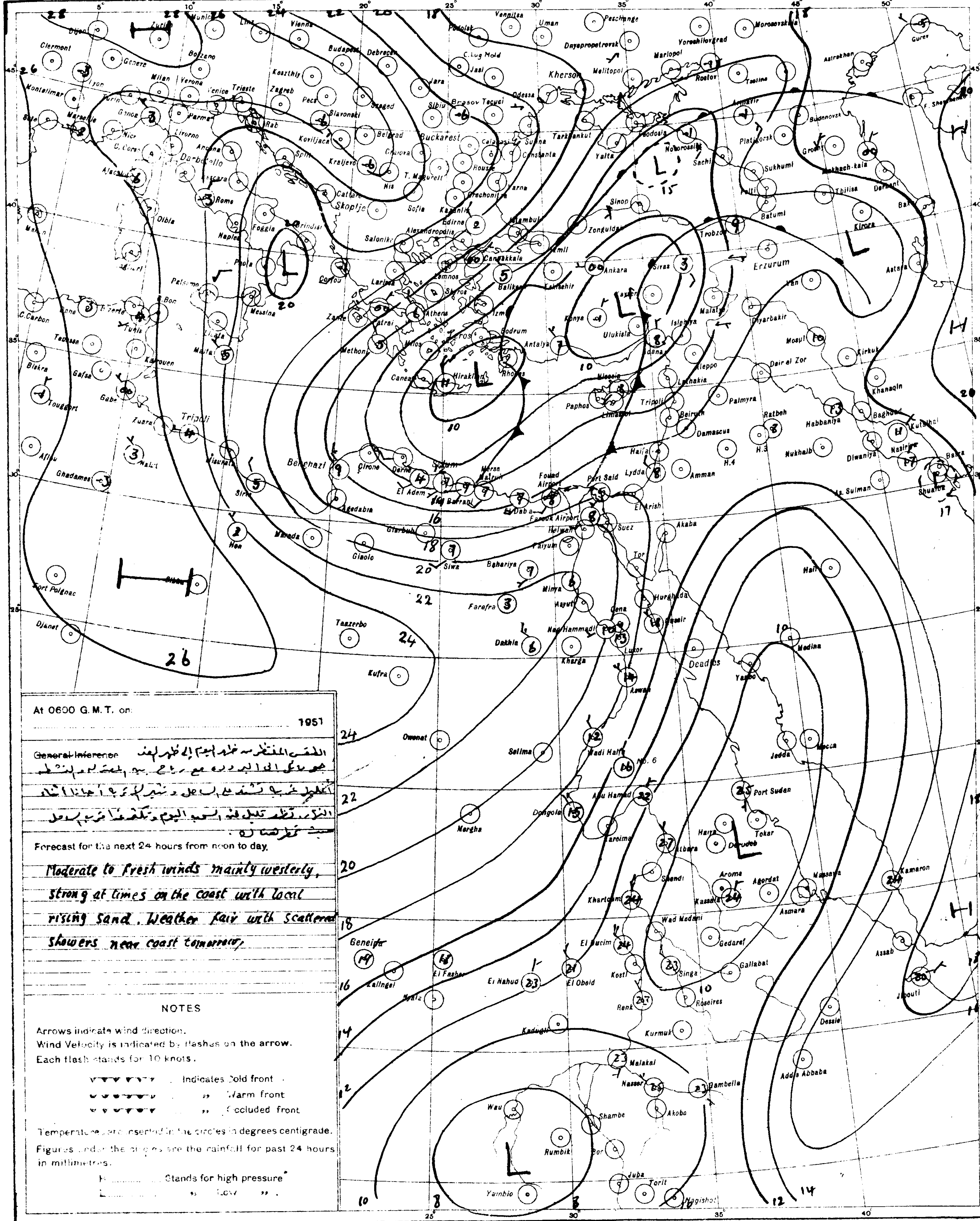
Remarks: 1. Wind Direction in degrees East of North.
2. Velocity in Knots (one Knot = 1.85 Kilometres or 1.15 Miles).
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 22-1-1952



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 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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~~ الطقس المنتظر من ظهر اليوم إلى ظهر الغد
جو يميل الى البرودة مع رياح من الجهة الغربية نشطة
أغلبها غربية تشتد على السواحل وتثير الرمال أحيانا أثناء
النهار، الطقس قليل السحب اليوم وتكون غيوم قرب السواحل
مع أمطار متفرقة.

Forecast for the next 24 hours from noon to day.

Moderate to fresh winds mainly westerly, strong at times on the coast with local rising sand. Weather fair with scattered showers near coast tomorrow.

NOTES

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

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

Temperatures are inserted in the 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(58/55)(23/53.)

SCALE 1:15,000,000

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: Friday 23rd January, 1953

At 1200 on Thursday 22nd / At 1800 on Thursday 22nd

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	320	5	35	02	1	6	AS	13.5	13	59	5	290	4	15	01	0	0	—	16.0	12	63	5	0
	303	SIDI BARANI	270	16	18	02	1	3	Cu	12.7	15	55	6	320	18	14	02	1	4	Cu	14.9	14	55	5	0
	306	MATRUH	250	25	2	07	3	4	St, CS	12.7	14	48	3	250	10	14	02	1	4	Cu, AC	[illegible]	11	82	8	0
	309	EL DABA	270	22	15	00	0	0	—	13.8	14	36	-1	220	8	7	01	1	3	Cu	[illegible]	10	50	0	0
		ALEXANDRIA	220	31	50	00	0	0	—	14.6	13	44	1	220	27	35	03	5	7	NS	15.4	14	55	5	1
	318	Alex (Airport)	260	15	8	05	0	0	—	14.9	14	48	3	280	20	8	05	2	7	SC	15.7	14	52	4	0
	330	DAMIETTA	200	9	15	02	0	0	—	15.5	14	48	3	180	5	7	02	0	0	—	15.5	10	50	0	0
	332	PORT SAID												240	17	10	01	0	0	—	15.8	12	55	3	0
	336	EL ARISH	230	8	14	03	2	7	As, Ci	15.8	15	25	-5	240	6	10	01	2	2	Ci	16.1	12	38	-2	0
LOWER EGYPT	339	DAMANHUR	270	19	15	02	0	0	—	15.4	16	39	2	270	9	15	02	0	0	—	15.6	11	51	1	0
	342	MANSURA	220	19	35	00	0	0	—	15.0	15	30	-3	270	5		00	0	0	—	16.4	9	62	2	0
	348	TANTA	220	18	35	02	1	0	—	15.6	16	24	-5	270	2	35	02	0	2	Cu	16.6	11	41	-2	0
	354	ZAGAZIG	220	2	50	03	1	4	Ci	15.9	16	36	1	270	2	35	01	1	3		16.4	9	62	2	0
	441	ISMAILIA	270	13	15	07	2	8	AC	16.3	15	30	-3	270	5	35	03	2	8	AS	17.0	11	41	-2	0
CAIRO AREA		Cairo (Airport)	250	27	6	05	2	6	Ci	16.7	15	55	6	250	15	10	03	0	2	Ci	17.2	12	55	3	0
		ALMAZA	250	29	10	02	2	5	Ci	16.4	15	32	-2	220	14	10	03	1	2	Ci	17.4	11	41	-2	0
		EZBEKIYA			8	03	0	8	Ac, CS	16.6	15	30	-3			10	01	2	3	Ci	17.0	12	36	-3	0
		GIZA			8	03	0	8	Ac, CS	17.4	16	26	-4			10	01	2	3	Ci	17.8	11	33	-5	0
		HELWAN	220	15	7	03	2	7	AC	16.1	14	27	-5	220	7	7	05	1	2	AC	18.0	10	38	-4	0
UPPER EGYPT		FAYUM	240	12	35	02	2	8	St	18.0	17	68	11	00	0	35	02	2	6	St	18.7	11	41	-2	0
		MINYA	300	13	10	02	1	1	Ci	17.9	18	15	-9	270	3	8	01	2	4	AC	17.1	10	47	-1	0
		ASYUT MANQABAD	340	8	30	00	0	0	—	18.0	16	16	-10	270	3	8	03	1	5	AC	20.4	10	28	-8	0
		NAG HAMMADI	270	2	7	00	0	0	—	17.9	19	30	1	220	2		00	0	0	—	18.6	10	62	3	0
		QENA	270	1	50	00	0	0	—	16.7	21	26	1	270	1	7	00	0	0	—	18.3	16	32	-1	0
	405	LUXOR	320	10	30	00	0	0	—	16.1	18	22	-4												
	414	ASWAN	340	9	1.5	10	4	0	—	15.9	20	24	-1	340	6	50	00	0	0	—	18.4	16	32	-1	0
OASES		SIWA	280	21	10	06	0	0	—	18.6	15	27	-4	260	2	8	06	0	0	—	19.2	10	58	2	0
		BAHARIYA	270	4	35	02	1	5	AC	18.7	16	42	3	00	0	15	02	1	3	AC	19.9	8	66	2	0
		FARAFRA	240	9	35	03		2	AC	20.7	17	18	-8	270	1	15	01	2	1	AC	20.0	9	34	-6	0
		DAKHLA	340	15	35	00	0	0	—	19.5	16	32	-1	320	9	35	00	0	0	—	20.6	12	31	-5	0
		KHARGA	340	2	15	00	0	0	—	18.3	17	18	-8	00	0	15	00	0	0	—	19.2	12	41	-1	0
RED SEA	450	SUEZ	180	4	50	03	0	6	Cu	16.8	17	26	-3	180	3	15	01	0	2	Cu	18.6	13	24	-7	0
		TOR	310	19	35	01	1	1	AC	16.4	18	28	-1	310	5	15	03	1	6	Ci	17.0	14	27	-5	0
	462	HURGHADA	350	23	14	02	0	0	—	14.9	18	52	8	330	20	12	02	0	0	—	16.2	16	52	6	0
	465	QUSEIR	20	13	15	02	0	0	—	14.4	21	57	12	330	9	15	02	0	0	—	15.9	19	35	3	0
	641	PORT SUDAN																							
		WADI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA																							
		ATBARA																							
		KHARTUM																							
		KASSALA																							
		WAD MEDANI																							
	801	RENK																							
	802	ROSEIRES																							
		EL OBEID																							
		EL FASHER																							
		GENEINA																							
	840	MALAKAL																							
		WAU																							
		JUBA																							

At 0600 on Friday 23rd January, 1953

Wind 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
290	4	15	03	1	5	AS	19.0	+1.3	7	16	-3	3	-6	71	2	0	15		SALUM
330	5	15	25		4	Cb	17.3		9	16		8		76	5	1	84		SIDI BARANI
240	12	18	02	2	5	Cu, AC	17.1	-1.0	8	16		8		88	6	0.2	30		MATRUH
270	14	15	02	1	4	Cb			8	15		6		71	3	0	69		EL DABA
180	10	50	03	8	6	Cb	17.0	-1.5	9	15	-3	8	-2	88	7	7	68	133	ALEXANDRIA
260	16	4	81	8	8	Cb	17.0	-0.9	9	15	-3	8?	-1	94	8	5	64	98	Alex (Airport)
220	5	7	03	1	3	Cu	17.5	-0.1	7	15	-3	3?	-5	71	2	0	13	62	DAMIETTA
250	23	10	03	0	2	AC	16.8	-1.2	8	15	-3	8	-3	71	3	0	31		PORT SAID
250	8	18	03	2	5	AC	16.6	-1.4	10	17		9		50	0	0	10		EL ARISH
270	5	15	62	1	3	AC	16.7	-1.6	8	16	-4	6	-1	94	7	6	19	56	DAMANHUR
270	5	35	02	1	2	Cu	17.2	-0.7	7	18	-2	5	-2	57	-1	0	19	26	MANSURA
240	5	35	02	0	0	—	17.8	-0.9	6	16	-4	4	-2	88	4	0	2	20	TANTA
220	1	35	00	2	0	—	17.6	-1.2	6	17	-3	4	-2	71	1	0	9	14	ZAGAZIG
250	9	35	03	1	3	AC	18.0		9	15		7		47	-2	0	18		ISMAILIA
220	19	14	00	0	0	—	18.9		8	16		6		34	-7	0	4		Cairo (Airport)
180	15	12	03	0	1	Ci	19.0	0.0	7	15	-5	6	-3	62	0	0	7		ALMAZA
		10	00	0	1	Ci	20.4	+1.6	7	16	-4	6	-2	46	-4	0	14	13	EZBEKIYA
		10	00	0	1	Ci	19.8	+1.0	5	17	-2	5	0	65	-1	0	42	14	GIZA
140	8	7	05	0	0	—	20.4	+1.1	6	15	-4	5	-3	31	-10	0	3	14	HELWAN
00	0	35	02	0	0	—	20.3	+1.2	6	17	-4	2	-4	57	-2	0	13	4	FAYUM
160	3	8	00	0	0	—	21.2	+0.8	5	18	-3	0	-4	70	0	0	1		MINYA
00	0	8	10	0	0	—	22.3	+2.3	8	17	-4	4	-2	31	-8	0	0		ASYUT MANQABAD
00	0		00	0	0	—	22.2	+3.1	8	19	-2	3	-2	58	0	0	0		NAG HAMMADI
270	1	35	00	0	0	—	21.9	+3.1	12	21	-2	2	-5	55	3	0	0		QENA
																			LUXOR
360	5	50	00	0	0	—	20.0	+1.2	11	21	-3	8	-2	30	-6	0	0		ASWAN
290	6	13	03	1	5	AC	21.6	+1.1	8	15	-5	6	+2	76	4	0	1	6	SIWA
220	1	35	02	1	4	AC	21.6	+1.7	6	16	-4	2	-3	71	1	0	dr.	5	BAHARIYA
220	1	35	02	0	0	—	22.3		7	17		1		43	-5	0	0		FARAFRA
340	15	50	00	0	0	—	23.5	+3.4	4	18	-4	2	-3	52	-5	0	0		DAKHLA
00	0	15	00	0	0	—	22.4	+3.0	8	18	-5	2	-4	46	-3	0	0		KHARGA
220	3	35	00	0	0	—	18.3	0.0	12	19	-1	7	-2	55	3	0	31	10	SUEZ
310	9	35	02	0	0	—	18.3	+0.5	13	20	-1	10	+1	34	-3	0	0	9	TOR
300	12	18	02	0	0	—	18.7	+0.7	12	18	-2	11	+2	26	-7	0	dr		HURGHADA
360	9	15	02	0	0	—	18.7	+1.3	14	22	-1			36	-1	0	dr.	4	QUSEIR
340	12	30	02	1	5	Cu, Sc	14.4		24	29		20		83	21	0			PORT SUDAN
																			WADI HALFA
360	11	15	07	0	0	—			16	33		15		19	-8	0			ABU HAMAD
																			KAREIMA
350	16	10	07	0	0	—	13.3		17	38		17		30	-1	0			ATBARA
340	13	30	03	0	1	Ci	13.9		19	37		17		23	-3	0			KHARTUM
280	14	30	02	0	0	—	11.5		21			15		53	11	0			KASSALA
350	9	35	02	0	0	—	13.0		20	39		16		35	4	0			WAD MEDANI
310	13	35	02	0	2	AC			21	40		19		35	5	0			RENK
																			ROSEIRES
360	10	7	05	0	6	CS	15.4		17	35		15		37	2	0			EL OBEID
140	2	30	04	1	8	CS			14	35		13		32	-3	0			EL FASHER
50	11		00	1	4	Ci			15	32		14		27	-4	0			GENEINA
90	6	30	03	0	0	—	12.5		26	40				21	2	0			MALAKAL
00	0	10	04	2	8	CS			24	40				50	13	0			WAU
180	3	15	04	0	0	—	11.1		26	40				35	9	0			JUBA

	22nd	
Alexandria	43	-23
Ezbekiya	44	-23
Giza	38	-34
Helwan	45	-13

23rd 2.0

UPPER AIR OBSERVATIONS

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

Remarks

RAWINSONDE — Cairo Airport, On 22nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	13		250	24
950					
900					
850	1485	2		250	24
800					
700	3031	-4		250	43
600					
500	5629	-16		250	74
400	7270	-29			
300	9270	-40			

RAWINSONDE — Airport, On / At (Pressure mbs. 1000–300) — no entries.

UPPER WIND OBSERVATIONS on 22nd

Station	Alex. A.P.		Almaza		El Arish		Asyut		Minya		Siwa		Matruh		Kharga		Dakhla		Aswan		S. Barani				Port Said	
Time	14		13	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	260	21	250	14	240	22	310	13	260	12	260	19	270	26	330	16	340	18	360	12	300	30			210	13
600	270	18	240	14	220	21	320	12	280	15	260	19	270	20	320	19	340	23	340	16	300	33			210	14
1000			250	15	230	21	310	15	280	19	260	28	270	20	320	17	350	23	330	16	360	26			210	12
1500					260	16	310	17	280	16	280	33	260	17			330	38	310	13					210	9
2000					230	18	300	22	260	28	280	28													220	8
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan				Almaza	
Time			8				4		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			270	23			240	9	230	14			280	8	280	8							220	23
600			300	21			250	9	250	26			280	9	310	18								
1000			300	21			250	1	250	26			260	10	310	12							260	30
1500			290	20			170	5	230	21			200	11	270	17							260	26
2000			360	22					270	21			240	23	280	16							270	22
3000															260	30								
4000																								
5000																								
6000																								
7000																								
8000																								

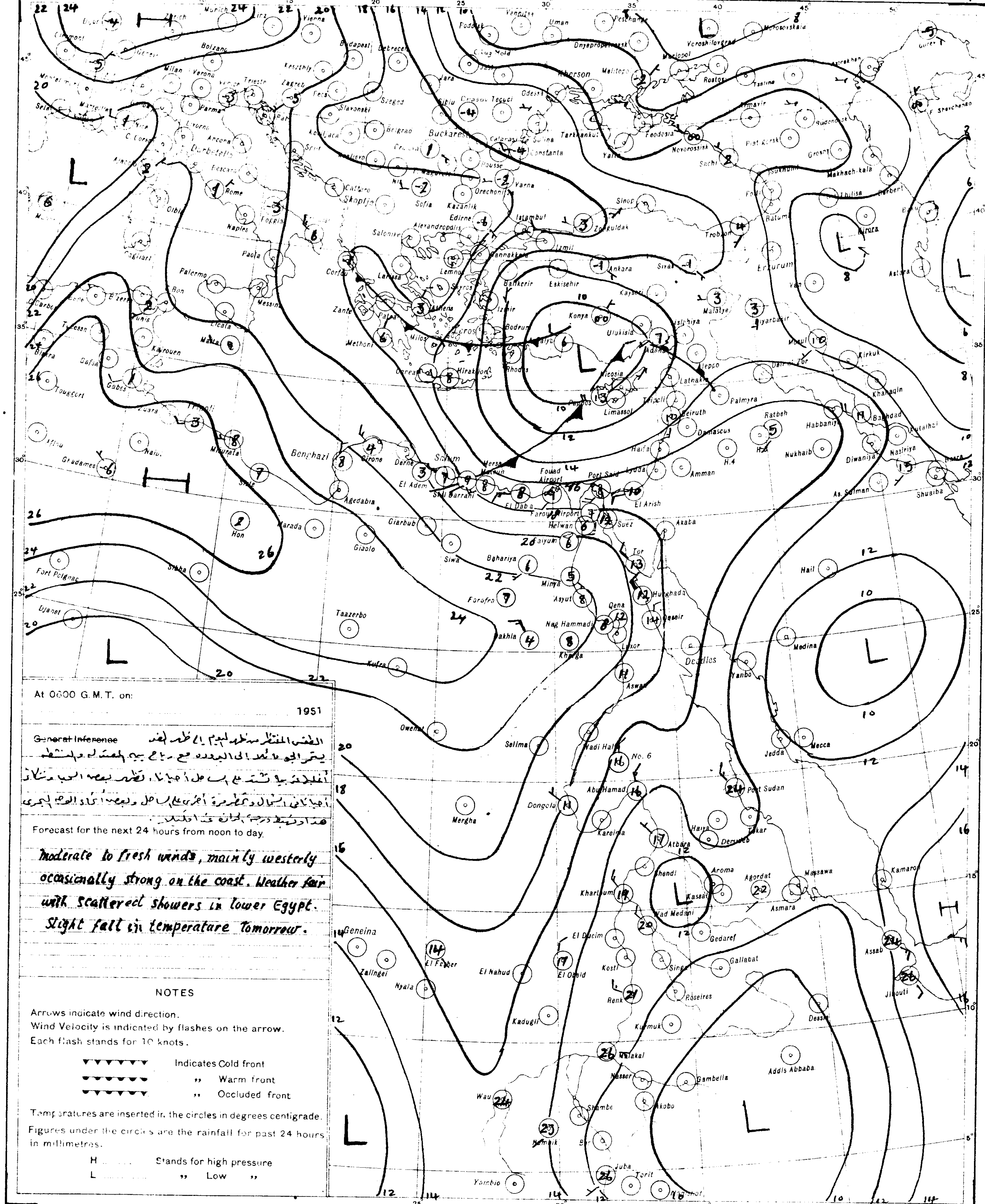
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		[illegible]		[illegible]		[illegible]	
Time	8		8		8		8				4		4		4				5		5		4	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	4	30	11	300	19	320	3																
600	340	4	30	23	310	20	340	16			20	25	20	17	10	24							20	22
1000	320	9	20	19	320	23	340	24			30	9	30	30	20	18			10	23	20	12	30	28
1500	310	12	30	10	310	19	330	17			360	1	10	15	240	5			110	12	270	6	80	7
2000	320	16	30	17			280	22											120	3			180	5
3000	360	16											260	12							200	13	180	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.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 23-1-1953*



At 0600 G.M.T. on: 1951

~~General Inference~~

الطقس المنتظر من ظهر اليوم إلى ظهر الغد
يميل الجو إلى البرودة مع رياح بين المعتدلة والنشطة
أغلبها غربية تشتد على السواحل أحيانا، تظهر بعض السحب وتسقط
أمطار في الشمال وتكثر في أغلب السواحل وبعض أنحاء الوجه البحري
هذا وتهبط درجة الحرارة غدا قليلا.

Forecast for the next 24 hours from noon to day.

Moderate to fresh winds, mainly westerly occasionally strong on the coast. Weather fair with scattered showers in lower Egypt. Slight fall in temperature tomorrow.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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		93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	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: Saturday 24th January, 1953

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	SALŪM	290	4	35	02	1	6	Ac	19.0	16	42	3
	303	SĪDI BARĀNI	290	17	18	02	8	5	Cb	18.1	14	59	6
	306	MATRŪH	260	11	18	03	8	7	Sc, Cu	17.9	12	67	6
	309	EL DAB'A	270	19	35	02	1	4	Cb	17.7	13	59	5
		ALEXANDRIA	270	17	50	02	6	5	Cb	17.6	13		
	318	Alex (Airport)	310	20	14	25	8	8	Cb	17.1	15	68	9
	330	DAMIETTA	250	5	15	03	5	5	Cu	16.4	16	59	8
	333	PORT SA'ĪD	250	9	10	02	1	4	Sc, Cu	16.6	16	59	8
	336	EL 'ARISH	270	12	18	03	1	5	Sc, Cu	15.9	16	49	5
Lower Egypt	339	DAMANHŪR	270	5	15	02	1	3	Cu	17.4	14	67	8
	342	MANSŪRA	220	19	35	03	2	5	Cu	16.7	15	59	7
	348	TANTA	220	8	35	03	2	5	Cu	16.7	17	60	9
	354	ZAGAZIG	220	1	50	01	2	7	Cu	17.1	16	49	5
	441	ISMA'ILIA		13	35	03	1	2	Ac	17.4	16	49	5
Cairo Area	366	Cairo (Airport)	250	23	12	03	2	6	Sc	187	15	63	8
	372	ALMAZA	250	15	30	03	2	6	Cu	187	16	49	5
		EZBEKIYA	210	3	14	03	0	6	Cu	18.2	17	37	2
		GĪZA	270	3	14	03	0	6	Cu	18.2	18	30	0
	378	HELWĀN	220	16	35	01	2	3	Cu	18.7	16	32	-1
Upper Egypt	381	FAIYŪM	00	0	35	03	1	4	St	19.0	17	42	4
	387	MINYA	320	8	12	03	0	3	Cu	19.8	18	28	-1
	393	ASYŪT MANQABAD	310	12	18	00	0	0	—	20.0	16	30	-2
	395	NAG' HAMMADI	320	2	7	00	0	0	—	19.1	18	32	1
	402	QENA	270	1	50	03	1	2	Ci	18.4	20	33	3
	405	LUXOR	320	8	30	01	0	1	Ci	18.8	17	20	-6
	414	ASWĀN	340	6	50	00	0	0	—	19.1	17	18	-8
Oases	417	SĪWA	290	10	14	01	5	3	Cu, Ac	22.7	15	48	4
	420	BAHARĪYA	270	2	35	03	2	8	Ac	20.7	16	49	5
	423	FARAFRA	320	4	35	01	1	1	Cu	21.9	16	42	3
	432	DAKHLA	320	25	15	32	3	0	—	21.6	15	30	-3
	435	KHARGA	360	4	15	02	1	1	Ac	19.8	18	20	-5
Red Sea	450	SUEZ	220	5	50	03	0	4	Cu	17.2	20	33	3
	459	TOR	310	13	35	02	0	0	—	17.8	17	34	1
	462	HURGHADA	360	12	30	02	0	0	—	17.4	17	46	5
	465	QUSEIR	20	5	15	13	1	2	As	17.1	18	37	3
	641	PORT SUDĀN	360	20	10	05	2	3	Cu	12.5	27	70	21
Northern Sudan	600	WĀDI HALFA	360	21	30	02	0	0	—	18.8	19	16	-8
	640	ABU HAMAD											
	650	KAREIMA	340	13	30	02	0	0	—	13.5	26	10	-8
	680	'ATBARA	360	18	10	07	0	0	—	9.0	30	25	8
	721	KHARTUM	330	14	30	02	1	3	Cs	9.6	30	12	-2
	750	KASSALA	20	4	30	03	0	2	Cs	4.5	39	13	6
Central Sudan	751	WĀD MEDANI	360	9	15	02	0	5	Ci	7.1	35	13	3
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FĀSHER	60	5	10	06	2	8					7
	770	GENEINA											
S. Sudan	840	MALAKĀL											
	880	WĀU	230	7	10	04	2	8	Cs	5.6	36	25	13
	941	JUBA											

At 1800 on Friday 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	270	4	15	02	1	5	AC	21.4	11	63	4	0
SĪDI BARĀNI	280	9	14	02	8	4	Cu	20.2	11	82	8	2
MATRŪH	270	19	12	01	6	4	Sc, Cu	20.2	9	88	7	0.6
EL DAB'A	270	4	7	01	1	3		20.6	10	76	6	0
ALEXANDRIA	270	19	35	02	8	8	SC	20.3	11	63	4	12
Alex (Airport)	300	19	8	81	8	7	Cb	20.3	10	88	8	11
DAMIETTA	220	2		13	6	1	Cu	18.8	11	77	7	1
PORT SA'ĪD	280	10	15	02	8	5	Sc, Cu	19.4	12	82	9	3
EL 'ARISH												
DAMANHŪR	270	5	15	02	1	1	Cu	19.4	9	88	7	0
MANSŪRA	270	5		03	2	4	Cu	19.8	10	76	6	0
TANTA	270	2	35	01	1	3	Cu	19.5	10	76	6	0
ZAGAZIG	00	0	35	02	0	0	—	19.5	9	62	2	0
ISMA'ILIA	270	5	35	01	0	0	—	20.2	11	77	7	0
Cairo (Airport)	290	5	12	02	2	4	Sc	20.1	13	77	9	0
ALMAZA	270	5	12	02	2	4	Cu	20.7	12	67	6	0
EZBEKIYA	00	0	10	01	2	2	Cu	20.7	13	55	4	0
GĪZA	00	0	10	01	2	2	Cu	21.2	11	58	3	0
HELWĀN	270	6	15	03	2	7	SC	21.2	12	44	0	0
FAIYŪM	00	0	35	02	0	0	—	21.5	11	51	1	0
MINYA	310	4	8	01	1	2	Cu	22.1	9	47	-2	0
ASYŪT MANQABAD	280	4	12	00	0	0	—	21.8	10	28	-8	0
NAG' HAMMADI	270	1		00	0	0	—	20.7	10	33	-6	0
QENA	00	0	7	00	0	0	—	21.0	10	62	3	0
LUXOR	280	6	12	00	0	0	—	21.6	12	41	-1	0
ASWĀN	00	0	50	00	0	0	—	21.4	17	22	-5	0
SĪWA	270	3	10	01	0	0	—	24.2	10	47	-1	dr.
BAHARĪYA	320	3	15	01	2	5	AC	22.4	10	76	6	0
FARAFRA	00	0	15	02	1	0	—	23.6	9	62	2	0
DAKHLA	320	15	15	00	0	0	—	22.6	12	33	-4	0
KHARGA	00	0	15	00	0	0	—	22.6	13	34	-3	0
SUEZ	310	2	15	01	0	2	Cu	20.0	14	48	3	0
TOR	310	13	15	02	0	0	—	19.9	15	39	1	0
HURGHADA	330	20	12	02	0	0	—	18.6	17	52	7	0
QUSEIR	310	2	15	01	1	0	—	18.3	17	42	4	0

At 0600 on Saturday 24th January, 1953

Station	Wind 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	4	15	03	2	7	As	[illegible]	+5.9	8	16	-3	6	-3	88	6	dr.	15	
SĪDI BARĀNI	230	7	15	02	1	5	Cu, Sc	21.7		7	15		6		81	4	4	88	
MATRŪH	240	15	15	02	8	3	Cb	22.3	+4.2	8	16		7		88	6	2	32	
EL DAB'A	270	17	7	01	1	3	Cu	22.3		8	16		6		71	3	0	69	
ALEXANDRIA	220	13	35	03	4	6	Cb	21.9	+3.4	12	14	-4	9	-1	77	8	12	80	134
Alex (Airport)	240	16	18	25	8	7	Cb	21.8	+3.9	10	15	-3	9	0	88	8	11	75	99
DAMIETTA	200	2		63	1	4	Cu	21.6	+4.1	11	16	-2	5	-3	67	5	1	14	63
PORT SA'ĪD	230	16	15	01	1	2	Sc, Cu	21.9	+3.9	8	16	-2	7	-4	88	6	3	34	-
EL 'ARISH	230	6	50	03	1	3	Cb	20.9	+2.9	9			7		76	5	dr.	10	
DAMANHŪR	270	5	15	02	1	2	Cu	21.0	+2.8	8	16	-4	6	-1	88	6	2	21	57
MANSŪRA	220	9	35	00	0	0	—	21.6	+3.8	6	17	-3	4	-3	87	4	0	19	27
TANTA	00	0	35	01	1	1	Cu	21.5	+2.9	7	19	-1	3	-3	87	5	0	2	21
ZAGAZIG	220	1	35	02	0	0	—	22.4	+3.6	5	19	-1	4	-2	81	2	0	9	14
ISMA'ILIA	270	9	35	01	0	0	—	21.6		9	17		6		62	2	0	18	
Cairo (Airport)	200	12	13	03	0	1	Ci	23.6		8	18		6		82	5	0	4	
ALMAZA	180	11	15	60	0	0	—	23.3	+4.3	8	18	-2	7	-2	82	5	0	7	
EZBEKIYA	180	1	10	00	0	0	—	24.0	+5.3	8	18	-2	7	-1	62	1	0	14	13
GĪZA	180	1	10	00	0	0	—	23.9	+5.2	7	19	0	5	0	66	1	0	42	14
HELWĀN	180	3	7	05	0	0	—	24.7	+5.4	7	17	-2	7	-1	57	-1	0	3	14
FAIYŪM	00	0	35	02	0	0	—	25.1	+6.0	5	19	-2	2	-4	70	0	0	13	4
MINYA	00	0	8	00	0	0	—	25.3	+4.9	4	18	-3	1	-3	70	-1	0	1	
ASYŪT MANQABAD	240	4	10	00	0	0	—	25.8	+5.8	7	16	-5	5	-1	53	-2	0	0	
NAG' HAMMADI	00	0		00	0	0	—	25.2	+6.2	8	18	-3	2	-3	71	3	0	0	
QENA	270	1	35	00	0	0	—	25.4	+6.6	12	21	-2	3	-4	55	3	0	0	
LUXOR	250	4	30	01	1	1	AC	25.2	+6.4	9	18		2		54	0	0	0	
ASWĀN	340	3	50	00	0	0	—	24.6	+5.8	10	18	-6	6	-4	60	0	0	0	
SĪWA	250	3	14	03	0	1	Ci	26.2	+5.7	3	16	-4	2	-2	81	0	dr.	1	6
BAHARĪYA	320	2	50	02	0	0	—	26.0	+6.2	8	17	-3	3	-2	66	2	0	dr.	5
FARAFRA	00	0	35	02	0	0	—	26.8		3	18		0		65	-3	0	0	
DAKHLA	360	11	50	00	0	0	—	26.2	+6.1	3	17	-5	1	-4	65	-3	0	0	
KHARGA	00	0	15	00	0	0	—	26.0	+6.6	7	19	-4	3	-3	57	-1	0	0	
SUEZ	00	0	35	00	0	2	Cu	22.7	+4.5	9	21	+1	7	-2	71	4	0	31	10
TOR	310	5	35	01	0	1	Cs	22.3	+4.5	14	19	-2	10	+1	48	3	0	0	9
HURGHADA	280	12	18	02	0	0	—	22.2	+4.3	11	18	-2	8	-1	38	-3	0	dr	
QUSEIR	270	9	15	01	1	2	Ac	22.0	+4.6	13	20	-3	11	-3	44	1	0	dr.	4
PORT SUDĀN	340	19	30	02	2	8	SC	18.3		23	28		22		57	14	0		
WĀDI HALFA	340	2	30	02	0	0	—	24.4		7	20		5		53	-2	0		
ABU HAMAD	360	7	15	07	0	0	—			13	27		12				0		
KAREIMA	360	12	30	02	0	0	—	20.4		13	27		12		29	-5	0		
'ATBARA																			
KHARTUM	330	14	30	02	0	0	—	17.8		17	31		15				0		
KASSALA	210	1	30	02	0	0	—	13.7		21	40		17				0		
WĀD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID	360	20	10	06	0	1	Ci	19.1		15	29		13		25	-5	0		
EL FĀSHER																			
GENEINA	40	11	18	10	2	8					31		13				0		
MALAKĀL																			
WĀU																			
JUBA	00	0	10	04	2	5	Ac, Ci	13.6		24	39		20				0		

HUMIDITY — Min. of day

Station	on 23rd	diff. from normal
Alexandria	71	+5
Ezbekiya	43	-24
Giza	54	-18
Helwan	40	-17

GIZA — GRASS MINIMUM TEMP. — On 24th 0.7

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Cairo Airport — On 23rd At 15

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	163	14			
950					
900					
850	1506	2			
800					
700	3040	-8			
600					
500	5569	-25			
400	7163	-34			
300	9195	-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 23rd

Station	S. Barani		P.Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		P.Said		Minya	
Time	14		14		14		14		14		14		14				14		14		14		20		20	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	27	290	23	260	17	270	17	300	10	310	14	350	14			300	21	340	17	330	17	270	23	300	14
600	290	26	290	31	250	21	270	22	300	13	310	16	350	17			320	22	340	20	330	21	280	29	300	16
1000	290	24	280	25	250	21	250	15	290	12	300	13	350	17			320	23	330	19	320	17	280	41	300	16
1500	280	21	290	15	260	23	260	23	300	6	300	20							320	18	360	14	280	50	320	13
2000							270	20	280	15	280	23									20	5			300	9
3000							280	20																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	SĪDI BARĀNI		MATRŪH		Alex. AIRPORT		PORT SA'ĪD		EL 'ARĪSH		HELWĀN		MINYA		ASYŪT MANQABAD		LUXOR		ASWĀN		HURGHADA			
Time	8		8				2		8		7	15	8		8									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	16	290	17			270	20	250	15	180	5	300	4	330	6								
600	300	13	300	17			280	25	290	20	270	8	320	11	340	17								
1000	300	19	300	18			280	28	270	17	300	13	320	9	360	14								
1500			320	15			290	15	280	23	310	14	330	16	330	15								
2000			300	14					280	18	290	21	310	17	320	16								
3000			300	14					290	19	290	26	310	22	300	22								
4000									290	19	290	44			280	36								
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		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	320	14	20	9	360	3	20	7	30	15														
600	320	14	20	11	10	13	10	17	30	30	10	29	20	24										
1000	310	18	30	15	360	16	70	20	30	23	30	25	30	35										
1500	310	16	40	24	350	16	20	21	350	24	10	8	30	26										
2000	330	13	50	28	330	10							10	23										
3000	300	17							280	29	250	31	360	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.

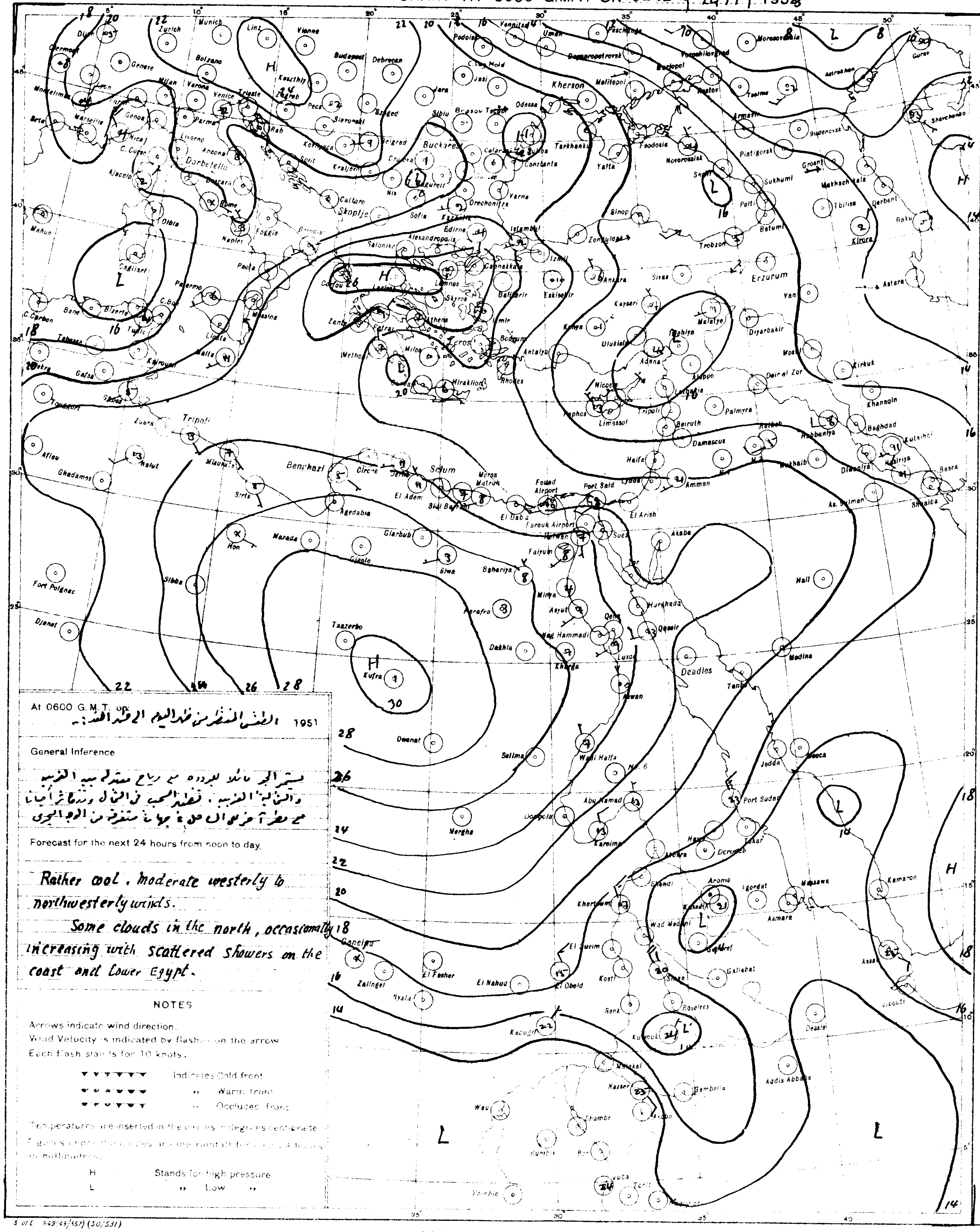
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 149/55 (20.4.67)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 24/1/1953



At 0600 G.M.T. on الطقس المنتظر من ظهر اليوم الى ظهر الغد :- 1951

General Inference

يستمر الجو مائلا للبرودة مع رياح معتدلة بين الغربية
والشمالية الغربية . تظهر السحب في الشمال وتزداد أحيانا
مع مطر آخذ في الزوال على جهات متفرقة من الوجه البحري

Forecast for the next 24 hours from noon to day.

Rather cool. Moderate westerly to northwesterly winds.
Some clouds in the north, occasionally increasing with scattered showers on the coast and Lower Egypt.

NOTES

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

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

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

H Stands for high pressure
L ,, Low ,,

S of E 949(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 49 G.M.T.
" " Sunset 15 26 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 25th January, 1953

At 1200 on Saturday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
MEDITERRANEAN	62300	SALÛM	330	4	35	03	2	7	AS	22.8	16	42	3
	303	SÎDI BARÂNI	290	12	18	02	2	7	As, Ci	22.9	15	63	8
	306	MATRÛH	290	15	14	02	1	6	Sc, Cu	22.1	15	63	8
	309	EL DAB'A	340	8	35	03	5?	8	St	22.6	12?	77	8
		ALEXANDRIA		19	50	02	8	8	Ns	22.3	12?		
	318	~~FAROUK~~ Alex (Airport)	280	15	18	02	8	6	Cb	21.8	15	72	10
	330	DAMIETTA	290	5	15	02	1	4	Cu	21.5	15	59	7
	333	PORT SAÏD	270	10	30	03	0	3	Cu, Sc	21.6	16	64	9
	336	EL 'ARISH	260	7	30	03	1	2	Sc, Cu	20.8	16	52	6
LOWER EGYPT	339	DAMANHÛR	310	9	15	02	1	4	Cu	22.4	16	64	9
	342	MANSÛRA	270	5	35	03	2	5	Cb	21.8	17	52	7
	348	TANTA	220	5	35	03	2	6	Cu	22.0	18	52	8
	354	ZAGAZIG	220	1	50	02	1	6	Cu	22.3	18	52	8
	441	ISMAÎLIA	250	5	35	03	1	5	Cu	21.9	16	49	5
CAIRO AREA	366	~~FAROUK~~ Cairo (Airport)	220	10	18	03	2	6	Cu, Sc	22.6	15	55	6
	372	ALMAZA	300	9	30	03	2	6	Cu	22.5	14	67	8
		EZBEKIYA	220	1	14	03	0	7	SC	22.4	16	49	5
		GÎZA	220	1	14	03	0	7	Sc	22.8	17	49	6
	378	HELWÂN	180	3	35	03	2	7	Sc, Cu	23.4	15	48	4
UPPER EGYPT	381	FAIYÛM	00	0	35	03	1	6	St	23.5	17	42	4
	387	MINYA	340	4	12	03	1	2	Cu	23.5	18	34	2
	393	ASYÛT MANQABAD	310	8	30	00	0	0	—	23.8	16	30	-2
	399	NAG' HAMMADI	270	1	7	00	0	0	—	21.9	19	64	12
	402	QENA	360	2	50	00	0	0	—	21.6	20	24	-1
	405	LUXOR	30	8	30	00	1	0	—	21.7	18	30	0
	414	ASWÂN	360	2	50	00	0	0	—	21.4	18	28	-1
OASES	417	SÎWA	280	10	14	02	0	2	Cu, Ci	25.2	16	42	3
	420	BAHARIYA	270	2	35	02	1	3	Ac	23.6	17	34	1
	423	FARAFRA	320	4	35	02	0	0	—	25.1	15	30	-3
	432	DAKHLA	340	9	50	00	0	0	—	24.4	16	24	-5
	435	KHARGA	40	1	15	00	0	0	—	22.2	17	26	-3
RED SEA	450	SUEZ	180	2	50	03	0	5	Cu	21.6	18	46	6
	459	TÔR	310	13	35	02	0	0	—	21.8	19	46	7
	462	HURGHADA	350	13	18	02	0	0	—	21.2	17	52	7
	465	QUSEIR	20	9	15	01	1	1	Ac	20.3	18	46	6
	641	PORT SUDAN	360	18	10	05	2	8	Sc	16.2	24	57	15
	600	WADI HALFA	350	14	30	02	0	0	—	20.5	17	21	-4
	640	ABU HAMAD	360	4	30	02	0	0	—		24		
	650	KAREIMA	30	11	30	02	0	0	—	16.5	24	16	-4
	680	'ATBARA	350	15	10	07	0	0	—	12.9	27	23	4
	721	KHARTUM	340	12	30	02	0	0	—	12.8	28	10	-6
	730	KASSALA	20	4	30	02	0	0	—	8.1	34	36	17
	751	WAD MEDANI	360	9	15	02	0	0	—	10.6	31	19	5
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	40	14	30	02	0	2	Ci	12.7	26	15	-3
	760	EL FASHER	40	6	30	02	1	3	CS		27	20	2
	770	GENEINA	20	5	30	01	1	2	Ci		28	10	-6
	840	MALAKAL											
	880	WAU	360	7	10	04	2	8	Cs	9.5	32	17	4
	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
SALÛM	320	5	15	63	2	7	AS	23.6	14	55	5	0
SÎDI BARÂNI	310	8	14	02	6	7	AC, CS	24.0	13	59	5	dr.
MATRÛH	260	10	12	02	1	4	Cu, AC	23.9	11	77	7	0
EL DAB'A	340	5	7	03	5?	6	SC	23.7	11	94	10	3
ALEXANDRIA	180	3	35	02	8	7	St, AS	24.2	12	88	10	1
Alex (Airport)	330	8	10	81	2	7	Cb	24.0	12	82	9	2
DAMIETTA	220	5		02	1	2	Cu	23.0	12	77	8	0
PORT SAÏD	290	9	18	02	0	2	Sc, Cu	23.7	13	72	8	0
EL 'ARISH	310	3	14	02	1	2	Cu	22.7	12	67	6	0
DAMANHÛR	270	5	7	02	2	7	As	23.6	11	77	7	1
MANSÛRA	360	5		03	2	6	Cb	23.4	11	88	9	0
TANTA	00	0	7	03	2	8	St	23.0	11	88	9	0
ZAGAZIG	00	0	35	02	0	0	—	22.5	12	55	3	0
ISMAÎLIA	290	5	35	03	1	5	Sc	23.1	13	67	7	0
Cairo (Airport)	320	5	12	02	2	6	Cu, Sc	23.8	13	67	7	0?
ALMAZA	300	4	12	02	5	7	Sc	24.4	13	72	8	dr.?
EZBEKIYA	00	0	10	01	2	5	Cu	24.0	14	63	7	0
GÎZA	00	0	10	01	2	5	Cu	24.6	12	67	6	0
HELWÂN	270	2	15	02	2	6	Sc	25.0	13	44	1	0
FAIYÛM	00	0	35	01	1	3	St	24.4	11	63	4	0
MINYA	350	2	8	01	1	1	Cu	25.1	11	47	0	0
ASYÛT MANQABAD	250	3	12	00	0	0	—	24.4	11	47	0	0
NAG' HAMMADI	290	2		00	0	0	—	22.6	9	71	4	0
QENA	00	0	7	00	0	0	—	23.8	10	50	0	0
LUXOR	270	7	12	00	0	0	—	23.4	12	41	-1	0
ASWÂN	340	4	50	00	0	0	—	21.8	14	36	-1	0
SÎWA	00	0	8	03	0	7	AC	25.5	10	54	1	0
BAHARIYA	320	1	15	02	1	0	—	25.6	8	58	0	0
FARAFRA	320	2	15	02	0	0	—	26.2	9	47	-2	0
DAKHLA	360	11	35	00	0	0	—	25.5	11	30	-6	0
KHARGA	00	0	15	00	0	0	—	23.9	12	41	-1	0
SUEZ	00	0	15	03	0	7	Cu	23.5	14	67	8	0
TÔR	310	13	15	02	0	0	—	22.7	15	48	4	0
HURGHADA	330	18	12	02	0	0	—	21.9	16	51	6	0
QUSEIR	330	5	15	01	1	0	—	21.8	18	52	8	0

At 0600 on Sunday 25th January, 1953

Station	Wind 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	3	15	60	0	0	—	23.9	+5.4	9	17	-2	7	-2	88	7	0	15	
SÎDI BARÂNI	220	6	15	02	2	7	Sc, Cu	23.8		10	15		9		71	5	dr.	88	
MATRÛH	220	14	15	63	1	4	AC	23.4	+5.4	8	16		6		82	5	0	32	
EL DAB'A	270	6	15	63	2	8	St	24.0		9	16		6		88	7	4	73	
ALEXANDRIA	180	5	50	62	6	6	St	24.3	+5.8	10	16	-2	10	0	88	8	3	83	135
~~FAROUK~~ Alex (Airport)	00	0	14	25	8	7	Cu, Sc	24.0	+6.1	11	16	-2	10	+1	94	10	3	78	100
DAMIETTA	220	2	7	02	6	3	Sc	24.0	+6.5	8	17	-1	6	-2	97	8	0.2	15	64
PORT SAÏD	250	10	6	05	2	6	Sc	23.8	+5.8	11	17	-1	8	-3	88	9	0	34	
EL 'ARISH	250	2	18	50	5	7	Cu, Sc	23.4	+5.4	10	17		8		76	6	dr.	10	
DAMANHÛR	270	5	15	02	0	0	—	23.8	+5.6	9	18	-2	8	+1	88	7	0	21	58
MANSÛRA	270	3	35	02	1	2	Cu	24.0	+6.3	7	18	-2	7	0	87	5	0	19	27
TANTA	220	2	35	02	6	0	—	23.9	+5.4	9	19	-1	6	0	88	7	0.4	3	21
ZAGAZIG	00	0	35	02	1	4	Ci	24.0	+5.3	6	19	-1	4	-2	97	6	0	9	14
ISMAÎLIA	180	2	35	03	1	6	AC	24.2		11	17		6		77	7	0	18	
~~FAROUK~~ Cairo (Airport)	200	4	12	00	1	1	AC	24.1		10	17		8		82	7	0	4	
ALMAZA	180	4	12	01	1	1	AC	24.5	+5.5	12	17	-3	8	-1	82	9	dr.	7	
EZBEKIYA	00	0	8	00	0	0	—	24.9	+6.2	10	18	-2	8	0	76	6	0	14	13
GÎZA	00	0	8	00	0	0	—	25.0	+6.3	9	20	+1	6	+1	76	5	0	42	14
HELWÂN	00	0	7	10	0	0	—	25.2	+6.0	9	16	-3	8	0	71	4	0	3	14
FAIYÛM	00	0	35	02	1	3	St?	25.4	+6.4	9	20	-1	4	-2	62	2	0	13	4
MINYA	00	0	8	00	0	0	—	25.1	+4.7	7	18	-3	1	-3	62	0	0	1	
ASYÛT MANQABAD	260	2	12	00	0	0	—	24.8	+4.8	8	17	-4	5	-1	50	-2	0	0	
NAG' HAMMADI	00	0	3	60	0	0	—	23.9	+5.0	7	19	-2	3	-2	71	2	0	0	
QENA	320	1	35	[illegible]	[illegible]	[illegible]	—	24.2	+5.5	11	21	-2	5	-2	63	4	0	0	
LUXOR	00	0	30	00	0	0	—	23.7	+4.9	9	20		1		37	-5	0	0	
ASWÂN	360	5	50	00	0	0	—	23.6	+4.8	10	19	-5	6	-4	76	6	0	0	
SÎWA	00	0	14	03	0	3	AC	25.6	+5.2	2?	16	-4	1	-3	81	-1	0	1	6
BAHARIYA	00	0	35	02	1	3	AC	25.9	+6.1	5	18	-2	2	-3	70	0	0	dr	5
FARAFRA	240	3	35	02	0	0	—	26.8		2	18		-2		64	-4	0	0	
DAKHLA	270	4	50	00	0	0	—	26.6	+6.6	6	17	-5	2	-3	57	-2	0	0	
KHARGA	00	0	35	00	0	0	—	25.6	+6.3	7	18	-5	4	-2	57	-1	0	0	
SUEZ	360	2	35	00	0	0	—	24.0	+5.8	10	20	0	6	-3	76	6	0	31	10
TÔR	310	5	35	02	0	0	—	22.4	+4.7	14	18	-3	10	+1	48	3	0	0	9
HURGHADA	270	13	18	02	0	1	Sc	22.4	+4.5	13	18	-2	8	-1	48	2	0	dr	
QUSEIR	330	9	15	00	1	3	Ac	21.6	+4.3	15	19	-4	12	-2	48	4	0	dr.	4
PORT SÛDÂN	340	15	30	03	1	8	Sc	10.4		21	27?		20		57	12	0		
WÂDI HALFA	360	9	30	02	0	0	—	23.8		7	20		3		46	-4	0		
ABU HAMAD	360	5	30	02	0	0	—			12	25		10		26	-7	0		
KAREIMA																			
'ATBARA	350	13	10	07	0	0	—	17.2		16	28		13		20	-7	0		
KHARTUM	330	7	30	02	1	3	Cs	17.2		17	28		15		19	-7	0		
KASSALA	210	2	30	02	0	0	—	14.0		21	34		16		69	15	0		
WAD MEDANI																			
RENK																			
ROSEIRES	310	5	35	02	1	0	—			20	38		17		21	-1	0		
EL OBEID	340	13	30	03	1	6	Cs	18.1		14	28		13		32	-3	0		
EL FASHER																			
GENEINA																			
MALAKAL	10	20	10	04	0	3	Ci	13.7		22	35		17		13	-8	0		
WAU																			
JUBA	00	0	30	04	1	3	Ci	12.9		24	38		17		44	11	0		

HUMIDITY Mean of day

Station	on 24th	Diff. from normal
Alexandria	82	+16
Ezbekiya	55	-12
Giza	59	-13
Helwan	54	-3

GIZA Grass Minimum Temp. On 25th 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~~ Cairo AIRPORT On 24th At 15

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	197	14		280	9
950					
900					
850	1541	3		270	14
800					
700	3079	-6		290	16
600					
500	5653	-20		290	42
400	7271	-32		260	52
300	9240	-36			

AIRPORT On At

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

AIRPORT On At

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

UPPER WIND OBSERVATIONS on 24th

Station	S.Barani		Matruh		Alex.A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		Port Said		Minya	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	16	300	14	320	9	280	9	280	20	300	10	350	6	320	12	340	14	350	15	10	17	280	23	310	18
600	''	''	300	14	320	9	290	10	280	20	260	10	320	2	310	10	350	11	360	12	10	20	280	24	280	12
1000	280	21	300	13	360	10	280	13	270	19	260	10	320	7	330	15	10	12	360	8	10	19	290	21	310	18
1500	290	12			290	12	270	14	270	18	270	15	330	3	330	13	40	19	320	8	16	18	300	16	350	10
2000			280	10			290	14	280	18	280	14	230	3	330	9	360	13	300	17			270	13	320	11
3000			290	15			280	20					330	7	320	20							270	22	290	8
4000							360	33							290	28										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Station	SÎDI BARÂNI		MATRÛH		~~FAROUK~~ Alex AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		4		2		2		6 45		8		8								2 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	260	14	260	8	270	4	260	10	240	13	170	4	50	5	340	10							280	9
600	270	14	290	16	270	5	260	12	280	19	270	6	10	10	360	15							280	9
1000	280	14	230	9	270	6	250	16	260	7	340	8	10	8	10	13							340	17
1500	260	4	190	10			260	10	270	18	350	9	20	9	30	13							310	15
2000	330	11	230	4			290	15			330	10	320	9	330	12							320	17
3000			290	15							320	12	240	13	290	23								
4000			290	11																				
5000			270	22																				
6000																								
7000																								
8000																								

Station	SIWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
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	360	5	80	3	360	3	10	10	20	18														
600	360	9	90	3	10	10	10	18	40	24	20	22			20	21							10	34
1000	360	6	160	11	10	15	10	22	50	15	10	13			20	17			10	24			30	42
1500	10	3	140	11	350	9	30	16	40	10	320	6			10	10			60	17			40	19
2000	20	3	110	9	330	12	360	10	300	20									320	5				
3000	300	3	100	6	290	30			270	29	270	35			270	18			290	3			80	10
4000	270	7	80	8																				
5000	280	23									250	23			290	16								
6000	280	38													310	5								
7000																								
8000															280	44								

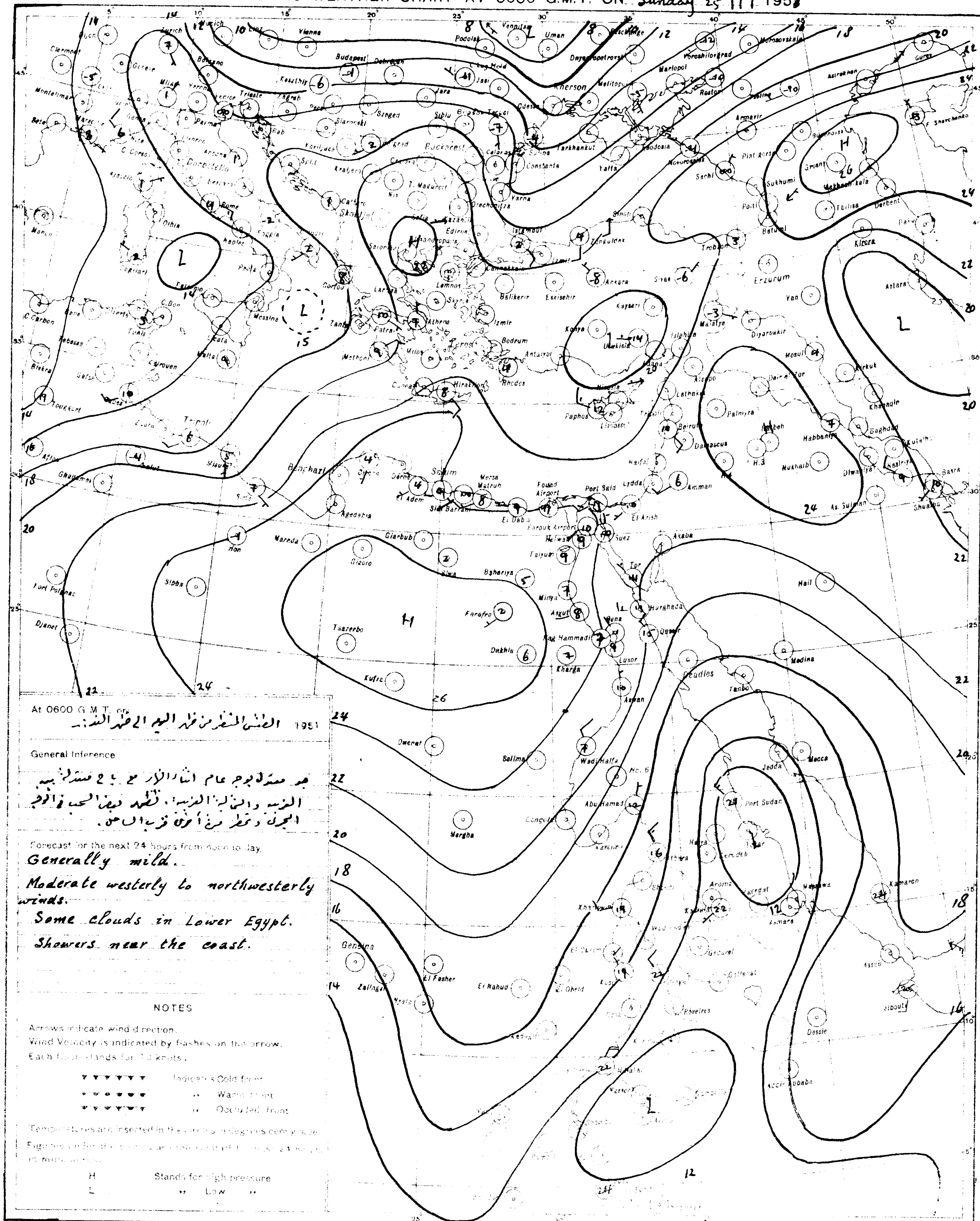
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time

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 25 | 11 | 1951*



At 0600 G.M.T. on [illegible] 1951

General Inference

جو معتدل بوجه عام أثناء الأرض مع رياح معتدلة بين الغربية والشمالية الغربية. تظهر بعض السحب في الوجه البحري وتمطر رخات قرب الساحل.

Forecast for the next 24 hours from noon to-day.

Generally mild.
Moderate westerly to northwesterly winds.
Some clouds in Lower Egypt.
Showers near the coast.

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for the 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 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

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

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

Form 7F.

DAILY WEATHER REPORT

Date : Monday 26th January, 1953

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
Salum	220	3	35	00	0	0	—	21.8	18	37	3
Sidi Barani	300	9	18	01	1	3	Ac, Ci	22.2	16	42	3
Matruh	310	14	18	03	1	2	Cu, Ac	22.7	16	52	6
El Daba	340	9	35	01	1	3	Cu	23.0	16	49	5
Alexandria	220	10	50	02	2	5	Cu	22.7	16	59	8
Alex. (Airport)	00	0	18	03	0	7	Cu, Sc	22.8	17	64	10
Damietta	10	5	35	01	0	1	Cu	22.4	16	49	5
Port Said	230	6	30	02	0	1	Cu	22.5	17	64	10
El Arish	360	6	30	01	5	3	Cu, Sc	21.8	17	52	7
Damanhur	310	9	15	03	1	4	Cu	22.7	18	52	8
Mansura	270	5	35	03	2	5	Cu	22.2	19	46	7
Tanta	00	0	35	03	2	7	Cu	22.7	17	60	9
Zagazig	00	0	50	02	1	3	Cu	22.6	17	60	9
Ismailia	340	2	35	03	1	5	Cu	22.3	19	52	9
Cairo	360	8	18	03	1	6	Cu	22.2	16	59	8
Almaza	290	5	30	02	1	5	Cu	22.7	16	59	8
Ezbekiya	270	4	18	03	0	6	Cu	23.0	18	46	6
Giza	270	4	18	03	0	6	Cu	22.8	19	40	5
Helwan	290	12	35	03	1	5	Cu	23.3	15	59	7
Faiyum	240	4	35	02	1	4	St	23.0	17	42	4
Minya	350	4	10	02	1	2	Cu	22.4	18	37	3
Asyut	340	5	30	03	1	3	Cu	21.4	18	30	0
Nag Hammadi	270	1	7	00	0	0	—	20.4	21	33	4
Qena	220	2	50	00	0	0	—	20.6	21	50	10
Luxor											
Aswan	40	3	50	00	0	0	—	19.2	19	30	1
Siwa	30	3	14	03	0	3	Cu, Ci	24.0	18	37	3
Bahariya											
Farafra	00	0	35	03	0	1	Ac	24.3	18	37	3
Dakhla	320	9	50	00	0	0	—	23.0	16	24	-5
Kharga	360	2	15	00	0	0	—	20.8	17	34	1
Suez	360	3	50	02	0	3	Cu	22.3	17	52	7
Tor	310	13	35	02	0	0	—	20.4	18	52	8
Hurghada	350	13	30	02	0	1	Cu	19.4?	18	52	8
Quseir	360	9	15	02	1	3	Ac	19.8	20	46	8
	360	3	30	02	0	0	—				-5
	360	9	30	04	0	0	—	15.5			1
	360	11	30	02	1	1	Cs				-2
	40	6	30	02	0	0	—	7.2	35	32	16
	360	9		01	1	4		9.7	34	16	5
	340	2	35	02	0	0	—		35		
	10	13	30	02	2	7	Ci	11.8	25	14	-5
	40	4	30	01	0	0	—				4
	50	2	35	02	0	4	Sc, Cu	8.8	33	12	0
	360	9	10	04	3	6	Cs	8.0	34	7	-7
	360	7	30	04	0	0	—	6.3	35	19	8

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
Salum	160	2	15	01	0	2	Sc	20.8	13	44	1	0
Sidi Barani	150	3	14	02	0	0	—	21.4	10	71	5	0
Matruh	210	5	15	01	1	0	—	21.9	10	67	4	0
El Daba	242	3	7	02	1	4	Cb	22.1	11	77	7	0
Alexandria	360	5	35	03	2	7	Ac	22.7	14	67	8	0
Alex. (Airport)	00	0	12	03	2	7	Sc	22.5	14	72	9	0
Damietta	320	2	7	00	0	0	—	22.7	12	77	8	0
Port Said	360	3	15	01	0	1	Cu	22.8	12	97	12	0
El Arish	00	0	14	01	1	0	—	22.	11	82	8	dr
Damanhur	270	5	15	02	1	4	As	22.0	12	77	8	0
Mansura	40	5		03	2	7	Cb	23.3	11	82	8	0
Tanta	00	0	35	03	2	6	Cu	21.9	12	77	8	0
Zagazig	00	0	35	02	0	0	—	22.7	15	77	11	0
Ismailia	70	2	35	01	1	4	Cu	22.6	13	55	4	0
Cairo	00	0	12	02	0	1	Cu	22.7	12	72	7	0
Almaza	00	0	12	02	1	1	Cu	22.4	12	77	8	0
Ezbekiya	00	0	10	01	2	1	Ac	22.7	12	72	7	0
Giza	00	0	10	01	2	1	Ac	22.6	10	76	6	0
Helwan	320	5	15	02	1	2	Ac	22.8	13	55	4	0
Faiyum	00	0	35	01	0	0	—	22.4	11	77	7	0
Minya	350	1	8	00	1	0	—	22.6	10	62	3	0
Asyut	280	4	8	00	0	0	—	22.4	9	62	2	0
Nag Hammadi	00	0		00	0	0	—				6	0
Qena	270	1	7	00	0	0	—	21.0	12	63	5	0
Luxor	00	0	12	00	0	0	—	20.3	11	54	2	0
Aswan	00	0	50	00	0	0	—	20.2	15	39	1	0
Siwa	00	0	10	02	0	2	Cc	22.2	8	58	0	0
Bahariya												
Farafra	00	0	15	02	0	0	—	22.8	12	44	0	0
Dakhla	360	4	35	00	0	0	—	22.0	13	24	-7	0
Kharga	00	0	15	00	0	0	—	20.7	12	33	-4	0
Suez	00	0	15	01	0	1	Cu	22.4	13	55	4	0
Tor	40	9	15	02	0	0	—	20.6	12	63	5	0
Hurghada	320	15	12	02	0	0	—	19.9	17	60	9	0
Quseir	330	5	15	01	1	0	—	19.8	16	49	5	0

At 0600 on Monday 26th January, 1953

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	220	3	15	03	2	8	Ci	18.4	-0.9	10	19	0	8	-1	50	0	0	15	
Sidi Barani	190	5	15	02	2	6	Ci	19.7		6	16		4		71	1	0	88	
Matruh	180	11	18	01	2	6	Ac	20.0	+2.1	8	18		5		62	1	0	32	
El Daba	250	7	15	02	2	6	Sc	21.3		6	17		4		87	4	0	Rain	
Alexandria	220	5	7	03	4	7	Cs	21.2	+2.8	11	17	-1	10	0	88	9	0	83	137
Alex. (Airport)	00	0	18	01	1	5	Ac	21.2	+3.3	9	18	0	8	-1	97	9	0	78	102
Damietta	200	2	1.5	03	4	5	Ns	21.9	+4.5	7	17	-1	5	-3	97	7	0	15	65
Port Said	190	7	14	03	0	3	Sc, Ci	21.5	+3.5	11	18	0	9	-2	88	9	0	34	
El Arish	180	2	30	03	2	6	Cu, Ci	21.0	+3.0	7	17		4		81	4	dr	10	
Damanhur	360	5	15	02	1	4	Ci	21.2	+3.1	9	19	-1	8	+1	88	7	0	21	59
Mansura	40	3	35	03	2	4	As	21.8	+4.2	8	19	-1	6	-1	88	6	0	19	28
Tanta	00	0	35	03	2	6	As	21.8	+3.4	8?	19	-1	6	0	97	8	0	3	21
Zagazig	00	0	35	02	0	0	—	22.4	+3.8	9?	21	+1	6	0	97	9	0	9	15
Ismailia	180	2	35	03	2	8	As	21.2		8	20		4		88	6	0	18	
Cairo	70	5	12	02	1	7	Cs	20.6		9	18		5		71	4	0	4	
Almaza	100	6	14	03	1	7	Cs	20.9	+1.9	9	18	-2	7	-2	76	5	0	7	
Ezbekiya	00	0	1.1	43	4	9		21.0	+2.4	8	18	-2	7	-1	82	5	0	14	14
Giza	00	0	1.1	43	4	9		21.4	+2.8	5	21	+2	2	-3	87	3	0	42	15
Helwan	40	5	1.5	10	2	3	Cs	21.2	+2.0	9	17	-2	8	0	71	4	0	3	15
Faiyum	00	0	35	02	2	7	St	21.2	+2.3	8	19	-2	5	-1	88	6	0	13	4
Minya	340	1	8	03	1	4	Ci	21.1	+0.7	4	19	-2	2	-2	70	-1	0	1	
Asyut	270	3	8	10	0	7	Cs	21.0	+1.0	7	18	-3	5	-1	62	0	0	0	
Nag Hammadi	00	0		01	0	2	Sc	19.2	+0.3	8	21	-1	4	-1	88	6	0	0	
Qena	320	1	35	03	1	4	Ci	18.6	-0.1	10	23	0	4	-3	62	3	0	0	
Luxor	00	0	30	03	1	2	Ac, Cs	19.0	+0.3	9	20		2		54	0	0	0	
Aswan	340	3	50	01	1	4	Ci	18.3	-0.4	10	20	-4	6	-4	62	3	0	0	
Siwa	130	4	14	03	0	4	As, Cs	20.8	+0.4	4	18	-2	2	-2	61	-3	0	1	6
Bahariya																			5
Farafra	00	0	35	03	2	8	As	22.4		3	19		0		48	-7	0	0	
Dakhla	320	9	50	01	1	6	Ci	23.8	+3.8	4	17	-5	1	-4	52	-5	0	0	
Kharga	00	0	15	02	2	6	Ac	21.1	+1.8	8	18	-5	3	-3	58	0	0	0	
Suez	360	2	35	00	0	1	Cu	20.4	+2.3	9	19	-1	5	-4	71	4	0	31	10
Tor	40	5	35	03	0	7	As	18.8	+1.1	10	21	0	5	-4	38	-4	0	0	9
Hurghada	290	11	18	02	1	4	Cu, Ci	18.5	+0.6	13	18	-2	8	-1	48	2	0	dr	
Quseir	330	5	15	01	1	2	Ci	18.0	+0.7	14	20	-3	12	-2	55	5	0	dr.	4
	330	13	30	03	2	8	Sc	15.9		22	25		20		61	14	0		
	360	6	30	03	0	1	Ci	19.0		6	21		4		57	-2	0		
	360	4	30	02	0	0	—			13	25		10		29	-5	0		
	20	7	30	02	0	0	—	16.7		12	25		10		47	1	0		
	360	10	30	02	0	0	—	13.8		15	28		13		34	-1	0		
	360	12	30	03	0	1	Ci	13.7		16	29		13		19	-8	0		
	250	4	30	03	0	1	Ci	11.2		21	35		16		69	15	0		
	310	2	35	02	0	0	—			22	36		17		12	-9	0		
	360	10	30	02	1	1	Ci	14.8		15	27		11		30	-3	0		
	00	0	30	02	0	0	—			22	27		9		21	-1	0		
	360	18	30	03	1	3	Cs	11.6		23	35		17		15	-5	0		
	340	6	10	04	0	0	—	12.0		21	35		16		25	0	0		
	220	4	30	04	1	3	Ac Ci			25	36		17		36	9	0		

25th
76 +10
65 -1
69 -3
66 +4

26th -0.5

UPPER AIR OBSERVATIONS

RAWINSONDE — Cairo 25th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Wind Dir.	Wind Vel.
1000	188	15	360	4
950				
900				
850	1531	2	360	7
800				
700	3085	-2	280	17
600				
500	5672	-20	280	40
400	7288	-31	280	58
300	9272	-44	270	56

UPPER WIND OBSERVATIONS on 25th

	Matruh 14	Alex. A.P. 14	Port Said 14	El Arish 14	Minya 14	Asyut 14	Luxor 14 15	Aswan 14	Siwa 14	Dakhla 14	Kharga 14	Alex. A.P. 20	El Arish 19
	330 10	300 4	330 10	310 13	350 12	360 13	10 10	310 9		330 7	20 15	360 4	320 3
	260 10	330 3	330 9	300 10	340 7	10 10	300 13	310 9	240 4	330 9	20 17	320 5	360 4
	250 7	350 4	340 9	280 9	360	10 15	350 12	320 10	250 3	340 9	10 15	320 4	280 6
	260 5	300 3	340 9	250 8	30 11	360 15	350 11	350 13	240 4	340 13	360 11	310 6	220 7
	250 6	320 9	340 9	270 3	50 8	20 13	340 5	30 6	200 2	320 19	10 17		260 5
	280 12		10 5	290 7	340 9	10 6	210 27		180 9	310 31			
							240 10		280 18				

UPPER WIND OBSERVATIONS on 26th

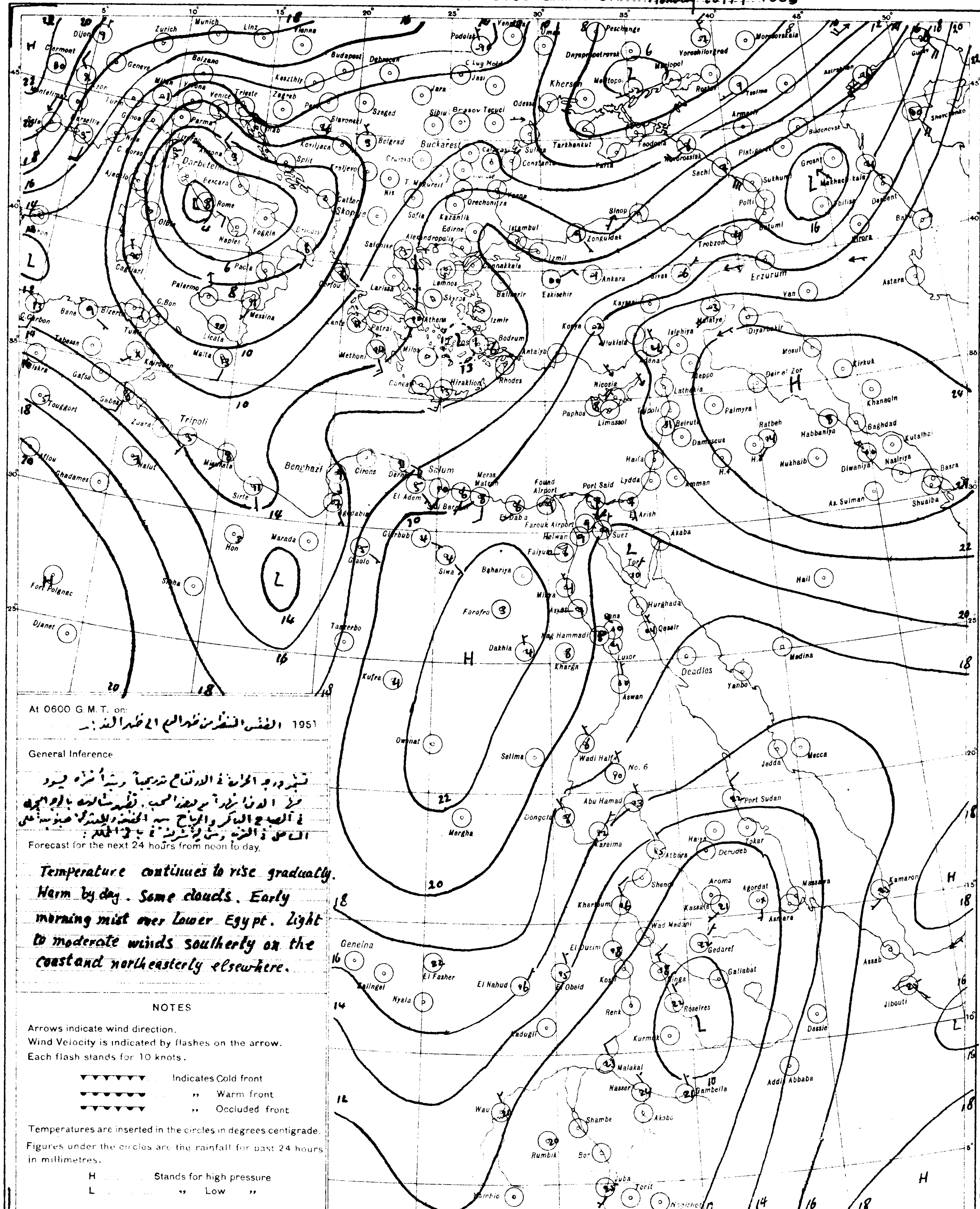
Height m	Sidi Barani 8	Matruh	Alex. 2	Port Said 3	El Arish 2	Helwan 6 45	2	8	Luxor 8 30	Almaza 8 30
300	180 12		130 3	250 4	50 6	50 8	360 3	40 3	330 4	60 10
600	180 15		40 2	250 5	50 6	60 6	350 4	40 9	90 4	70 12
1000	180 19		340 3	260 4	20 9	50 16	10 5	10 11	100 11	60 13
1500	200 12		60 3	270 11	70 3		350 3	60 3	350 9	50 10
2000	200 10		30 3		70 4		350 4	220 5	250 10	10 6
3000					60 6		40 1			260 8
4000										250 11

Height m	Siwa 8	Bahariya 8	Dakhla 8	Kharga 8	Wadi Halfa 5	Abu Hamad 4	Kareima 4	Khartoum 4	Kassala	5	5	4
300	130 15	160 3	60 4	10 13	30 14							
600	150 16	160 4	70 13	30 16	50 20	50 20	40 19	20 23				10 25
1000	150 19	180 16	80 6	40 12	50 13	50 11	50 14	30 19		30 21	10 9	20 30
1500	170 21	180 19	300 4	300 9	30 4	240 1	20 6	30 9		60 7	50 6	50 31
2000	260 11	180 10	250 5	280 11						20 1	230 3	
3000	230 11	200 9	240 15	260 13	260 23	250 17	260 12	280 10		350 5	240 5	60 15
4000	240 16											
5000	260 26					250 33		230 11				
6000	270 39					290 31		310 8				
7000												
8000								290 24				

Remarks: 1. Wind Direction in degrees east of North.
2. ... Velocity in Knots ... [illegible]
3. Present weather, Past weather ... [illegible]
4. All times are G.M.T. ... [illegible]

Note: All times are G.M.T.

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 26/1/1952



At 0600 G.M.T. on: الطقس المنتظر من ظهر اليوم الى ظهر الغد 1951

General Inference

تستمر درجة الحرارة في الارتفاع تدريجياً ويبدأ الجو يسود
في النهار دافئاً مع بعض السحب. تظهر شابورة بالوجه البحري
في الصباح الباكر والرياح بين الخفيفة والمعتدلة جنوبية على
السواحل وفي الغرب شمالية شرقية في الداخل :

Forecast for the next 24 hours from noon to day.

Temperature continues to rise gradually. Warm by day. Some clouds. Early morning mist over Lower Egypt. Light to moderate winds southerly on the coast and northeasterly elsewhere.

NOTES

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

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

Temperatures are inserted in the 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 48 G. M. T.
" " Sunset 15 28 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 27th January, 1953

At 1200 on Monday 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	SALUM	180	3	35	02	1	4	AC, Ci	15.8	18	37	3
	303	SIDI BARANI	180	12	18	02	0	1	CS	16.5	17	32	0
	306	MATRUH	160	10	18	01	1	1	CC	17.2	17	28	-2
	309	EL DABA	160	5	35	02	1	5	Sc, Cu	17.9	18	37	3
		ALEXANDRIA	00	0	50	02	2	6	Cu, Sc	18.7	18	46	6
	318	Alex (Airport)	00	0	18	03	1	7	Cu, Ci	18.5	18	46	6
	330	DAMIETTA	140	2	15	03	1	7	Sc	19.5	17	60	9
	333	PORT SAID	360	5	30	03	1	6	Sc, Cs	19.3	15	77	11
	336	EL ARISH	350	6	30	02	2	6	Ci	17.8	16	64	9
Lower Egypt	339	DAMANHUR	230	5	15	02	1	6	Cu	18.6	18	46	6
	342	MANSURA	40	5	35	03	2	6	Cu	18.3	18	46	6
	348	TANTA	00	0	35	03	2	7	Ac, Ci	18.3	18	46	6
	354	ZAGAZIG	140	1	50	02	1	3	Cu	18.8	18	46	6
	441	ISMAILIA	70	2	35	03	1	6	AC	18.4	17	42	4
Cairo Area	366	Cairo (Airport)	70	8	18	02	2	6	Cu, AC	17.9	17	34	1
	372	ALMAZA	40	11	30	02	2	6	Cu, Ci	17.8	17	49	6
		EZBEKIYA			18	03	4	5	AC, Ci	17.9	19	32	2
		GIZA			18	03	4	5	AC, Ci	18.2	18	34	2
	378	HELWAN	20	8	35	02	2	7	CC	17.9	17	26	-3
Upper Egypt	381	FAIYUM	20	4	35	02	2	6	Ci	17.5	19	30	1
	387	MINYA	350	7	8	02	1	4	Ci	17.4	19	35	3
	393	ASYUT MANQABAD	270	2	18	01	1	2	Ci	16.9	18	40	4
	399	NAG HAMMADI	320	1	7	01	1	5	Cu, AC	17.1	20	46	8
	402	QENA	270	1	50	02	1	6	Ci	16.3	20	46	8
	405	LUXOR	330	4	30	02	2	6	AC, Ci	15.5	20	35	4
	414	ASWAN	290	3	50	01	1	3		14.3	21	33	4
Oases	417	SIWA	180	5	14	02	0	1	AC	18.7	18	28	-1
	420	BAHARIYA	00	0	35	02	1	2	AC	18.0	18	40	4
	423	FARAFRA	130	3	35	01	1	0	—	19.0	18	28	-1
	432	DAKHLA	360	9	50	01	1	3	Ci	17.8	17	26	-3
	435	KHARGA	60	0	35	01	2	5	ac	16.2	18	37	3
Red Sea	450	SUEZ	360	4	50	03	0	5	Cu	17.2	18	37	3
	459	TOR	310	7	35	01	2	4	As	16.4	19	46	7
	462	HURGHADA	360	8	30	02	2	6	CS	16.0	18	43	5
	465	QUSEIR	360	5	15	03	2	8	As	14.8	20	56	11
	641	PORT SUDAN	40	12	30	01	2	5	Cu, AC	12.9	25	89	23
	600	WADI HALFA	50	6	30	02	0	2	Ci	14.5	20	21	-3
	640	ABU HAMAD	20	1	30	02	0	0	—		27	19	1
	660	KAREIMA	50	5	30	02	0	0	—	9.2	26	27	5
	680	ATBARA	360	8	30	02	0	0	—	8.9	29	25	7
	721	KHARTUM	20	8	30	02	0	0	—	8.7	30	12	-2
	700	KASSALA	20	6	30	03	0	1	CS	5.3	34	29	13
	751	WAD MEDANI	360	9	35	02	0	0	—	6.2	32	21	7
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—		35	22	10
	771	EL OBEID	30	10	30	02	0	0	—	8.5	27	23	4
	760	EL FASHER											
	770	GENEINA	290	2	30	02	0	0	—		31	11	-3
	840	MALAKAL	20	15	10	04	1	0	—	5.0	34	18	6
	880	WAU	70	5	10	04	0	1	Ci	6.4	33	34	15
	941	JUBA	130	5	30	02	0	0	—	4.2			10

At 1800 on Monday 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
SALUM	200	3	15	02	2	8	Ci	14.8	16	24	-5	0
SIDI BARANI	150	6	14	03	1	7	AC	15.0	13	44	1	0
MATRUH	180	4	15	03	1	3	AC, CS	16.3	10	58	2	0
EL DABA	70	4	7	00	0	0	—	17.9	11	63	4	0
ALEXANDRIA	40	11	35	00	0	0	—	18.3	13	67	7	0
Alex (Airport)	00	0	12	01	1	0	—	18.0	10	88	8	0
DAMIETTA	40	2	7	01	1	0	—	18.4	14	77	10	0
PORT SAID	60	11	14	02	0	1	Cu	18.2	14	77	10	0
EL ARISH												
DAMANHUR	230	5	15	02	0	0	—	18.2	11	77	7	0
MANSURA	20	5		00	1	0	—	18.4	12	63	5	0
TANTA	00	0	35	01	1	2	Cu	18.2	10	88	8	0
ZAGAZIG	30	0	35	02	0	0	—	17.6	15	59	7	0
ISMAILIA	20	5	35	01	0	0	—	17.6	12	77	8	0
Cairo (Airport)	70	10	12	00	1	0	—	17.4	12	59	4	0
ALMAZA	40	13	12	00	1	0	—	17.2	12	67	6	0
EZBEKIYA			10	00	1	0	—	17.2	13	63	6	0
GIZA			10	00	1	0	—	17.4	13	55	4	0
HELWAN	40	15	15	02	0	0	—	16.7	13	55	4	0
FAIYUM	00	0	35	01	0	0	—	16.6	12	63	5	0
MINYA	340	2	8	02	0	0	—	17.1	8	62	1	0
ASYUT MANQABAD	240	2	12	00	0	0	—	16.8	13	36	-2	0
NAG HAMMADI	00	0		01	1	3	AC	17.1	9	62	2	0
QENA	00	0	7	02	1	3	Ci	16.6	10	76	6	0
LUXOR	00	0	12	00	1	0	—	15.9	11	58	3	0
ASWAN	00	0	50	00	0	0	—	14.8	17	42	4	0
SIWA	140	4	10	02	0	2	AC	16.4	10	44	-2	0
BAHARIYA	00	0	15	02	0	0	—	16.7	10	62	3	0
FARAFRA	00	0	15	62	0	0	—	17.8	12	44	0	0
DAKHLA	270	11	35	00	0	0	—	17.0	13	24	-7	0
KHARGA	00	0	15	00	0	0	—	16.0	12	33	-4	0
SUEZ	360	4	35	01	0	0	—	11'	14	55	5	0
TOR	40	5	15	02	0	0	—	1	12	55	3	0
HURGHADA	260	5	12	02	0	0	—	1.	12	47	1	0
QUSEIR	360	2	15	01	1	0	—	15.4	18	52	8	0
PORT SUDAN	340	15	30	03	2	7	Sc	14.1	23	69	17	0
WADI HALFA	30	3	30	01	0	0	—	14.0	15	34	-1	0
ABU HAMAD	360	2	30	02	0	0	—		21	21	-2	0
KAREIMA	330	6	30	02	0	0	—	11.9	20	24	-1	0
ATBARA	350	5	30	12	0	0	—	10.1	23	32	5	0
KHARTUM	330	6	30	02	0	0	—	10.0	25	19	0	0
KASSALA	340	4	30	02	0	0	—	7.4	27	42	13	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA	00	0	15	04	0	3	AC	5.6	26	48	14	0

At 0600 on Tuesday 27th January, 1953

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	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
SALUM	180	6	7	07	2	8		12.3	-5.2	15	19	0			48	4	0	15		SALUM
SIDI BARANI	160	12	15	02	2	8	AS	14.0		10	18		8		50	0	0	88		SIDI BARANI
MATRUH	150	10	14	02	2	7	AC	15.4	-2.5	10?	18		7		62	3	0	32		MATRUH
EL DABA	220	3	15	01	1	3	Cu	16.7?		13?	19		4		58	2	0	Rain		EL DABA
ALEXANDRIA	00	0	7	03	4	6	CC	16.2	-2.2	12	19	+1	10	0	77	8	0	83	139	ALEXANDRIA
Alex (Airport)	00	0	6	05	0	7	Ci	16.7	-1.1	7	18		5	-4	97	7	0	82	103	Alex (Airport)
DAMIETTA	250	2	3	10	2	7	Sc	15.6	-1.7	9	18	0	6	-2	97	9	0	15	66	DAMIETTA
PORT SAID	360	5	14	02	0	6	Sc, CS	15.9	-2.1	14	16	-2	10	-1	88	12	0	34		PORT SAID
EL ARISH	180	2	30	03	2	6	CS	15.1	-2.8	8			4		76	4	0	10		EL ARISH
DAMANHUR	270	9	7	02	1	4	Ci	17.0	-1.0	8	19	-1	7	0	88	6	0	21	60	DAMANHUR
MANSURA	360	5	35	03	2	7	AC	17.2	-0.4	10	20	0	8	+1	76	6	0	19	28	MANSURA
TANTA	00	0	35	03	2	8	Cu	16.7	-1.6	7	19	-1	4	-2	97	7	0	3	22	TANTA
ZAGAZIG	00	0	7	10	4	0	—	17.6	-1.0	5	20	0	4	-2	81	2	0	9	15	ZAGAZIG
ISMAILIA	200	2	0.8	43	4	0	—	16.4		7	18		5		87	5	0	18		ISMAILIA
Cairo (Airport)	00	0	14	03	1	6	CS	16.8		10	18		4		82	7	0	4		Cairo (Airport)
ALMAZA	00	0	12	03	2	6	Ci	16.4	-2.6	8	18	-2	5	-4	88	6	0	7		ALMAZA
EZBEKIYA	310	2	0.03	45	4	9		16.8	-1.7	9	20	0	8	0	88	7	0	14	14	EZBEKIYA
GIZA	310	2	0.03	45	4	9		16.8	-1.7	8	20	+1	4	-1	94	7	0	42	15	GIZA
HELWAN	60	0	1.5	10	2	4	Ci	16.7	-2.5	9	18	-1	7	-1	88	7	0	3	15	HELWAN
FAIYUM	00	0	35	02	0	1	Ci	17.4	-1.5	6	19	-2	3	-3	97	6	0	13	4	FAIYUM
MINYA	350	1	8	02	0	0	—	17.1	-3.3	4	19	-2	0	-4	87	2	0	1		MINYA
ASYUT MANQABAD	00	0	8	01	0	2		17.5	-2.5	6	19	-2	4	-2	66	0	0	0		ASYUT MANQABAD
NAG HAMMADI	00	0		02	1	6	Sc, Cu	17.2	-1.6	7	21	-1	3	-2	57	-1	0	0		NAG HAMMADI
QENA	320	1	15	03	1	0	—	17.1	-1.5	10	21	-2	2	-5	62	3	0	0		QENA
LUXOR	00	0	30	02	2	8	AC	16.5	-2.2	7	21		1		53	-2	0	0		LUXOR
ASWAN	00	0	50	01	1	5	Ci	15.8	-2.9	12	22	-2	8	-2	55	3	0	0		ASWAN
SIWA	100	4	13	03	1	7	Cu, Sc	16.0	-4.3	8	18	-2	7	+3	50	-2	0	1	6	SIWA
BAHARIYA	00	0	35	02	1	3	Cc	17.9	-1.7	7	19	-1	2	-3	57	-1	0	dr.	5	BAHARIYA
FARAFRA	180	1	35	03	0	1	Sc	17.8		4	20		0		52	-5	0	0		FARAFRA
DAKHLA	180	9	50	01	1	5	Ci	17.5	-2.4	6	20	-2	1	-4	36	-8	0	0		DAKHLA
KHARGA	00	0	35	02	2	3	Ci	17.5	-1.7	9	19	-4	2	-4	62	2	0	0		KHARGA
SUEZ	40	2	35	00	1	8	NS	16.4	-1.7	8	20	0	7	-2	88	6	0	31	10	SUEZ
TOR	40	5	35	01	0	4	As	15.0	-2.7	10	21	0	6	-3	50	0	0	0	9	TOR
HURGHADA	280	11	18	02	2	6	Ci	15.0	-2.9	11	19	-1	8	-1	51	1	0	dr.		HURGHADA
QUSEIR	310	5	15	03	1	3	Ci	15.2	-2.0	14	20	-3	12	-2	67	8	0	dr.	4	QUSEIR
PORT SUDAN	310	7	30	02	2	7	Sc	13.7		23	26		21		61	15	0			PORT SUDAN
WADI HALFA	250	1	30	02	0	2	Ci	15.5		8	22		6		62	1	0			WADI HALFA
ABU HAMAD											28									ABU HAMAD
KAREIMA	10	6	30	02	0	0	—	12.9		15	27		11		27	-4	0			KAREIMA
ATBARA	350	7	30	02	0	0	—	11.7		17	30		13		32	0	0			ATBARA
KHARTUM	360	4	30	02	0	0	—	10.9		18	31		16		24	-3	0			KHARTUM
KASSALA	310	13	35	02	0	0	—	11.5		19	35		14		40	5	0			KASSALA
WAD MEDANI	360	5	35	02	0	0	—	11.9		20			14		26	0	0			WAD MEDANI
RENK																				RENK
ROSEIRES	310	2	35	02	0	0	—			20	36		19		14	-9	0			ROSEIRES
EL OBEID																				EL OBEID
EL FASHER	40	9	30	02	0	0	—			13	31		10		38	-1	0			EL FASHER
GENEINA																				GENEINA
MALAKAL	20	8	30	03	2	7	AC, CS	9.8		21	36		19		26	1	0			MALAKAL
WAU																				WAU
JUBA	00	0	30	03	0	3	Sc, AC	9.1		26	36		19		48	14	dr.			JUBA

HUMIDITY Mean of day

Station	26th	Diff. from normal
Alexandria	71	+5
Ezbekiya	63	-3
Giza	63	-9
Helwan	58	+1

GIZA GRASS MIN. TEMP.
27th 2.0

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

Cairo Airport On 26th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	156	16		70	21
950					
900					
850	1506	4		10	10
800					
700	3071	-2		210	7
600					
500	5679	-17		230	4
400	7326	-27		240	6
300	9330	-42		240	7

Airport On At

Pressure 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		Matruh		Alex. A.P.		Port Said		El Arish		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Port Said	
Time	14		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	170	12	170	11	40	8	30	6	20	21	350	10	290	10	270	1	340	12	70	17	210	3	330	6	60	15
600	170	14	170	13	40	6	60	12	30	10	350	9	310	9	300	2	340	10	170	13	340	2	330	8	60	16
1000	180	12	170	13	120	7	70	11	80	10	30	9	10	8	180	2	360	8	160	16	60	3	320	8	80	12
1500	190	15	170	10	120	12	70	9			90	3	330	6	300	6	80	10	160	12	360	7			100	10
2000	230	14	190	12	210	7	110	9			190	6	290	13	290	17			200	10	300	14				
3000	210	12	180	14	230	11	120	7					250	15	230	17					260	17				
4000													240	23							260	24				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	Sidi Barani		Matruh		Alex Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time	10		8		2		2		2		6 30		2		8		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.
300	150	16	160	18	140	7	10	13	20	21	360	3	350	6	360	2	40	2				
600	150	24	160	12	80	4	20	12	30	10	70	6	340	7	10	4	40	1				
1000	150	18	190	16	60	3	20	13	80	10	60	3	290	6	330	4	70	3				
1500	160	16	220	9			40	10			360	3	280	6	310	5	270	4				
2000			220	3			50	9			330	4	300	10	270	4	90	1				
3000															340	22	10	5				
4000															230	21						
5000																						
6000																						
7000																						
8000																						

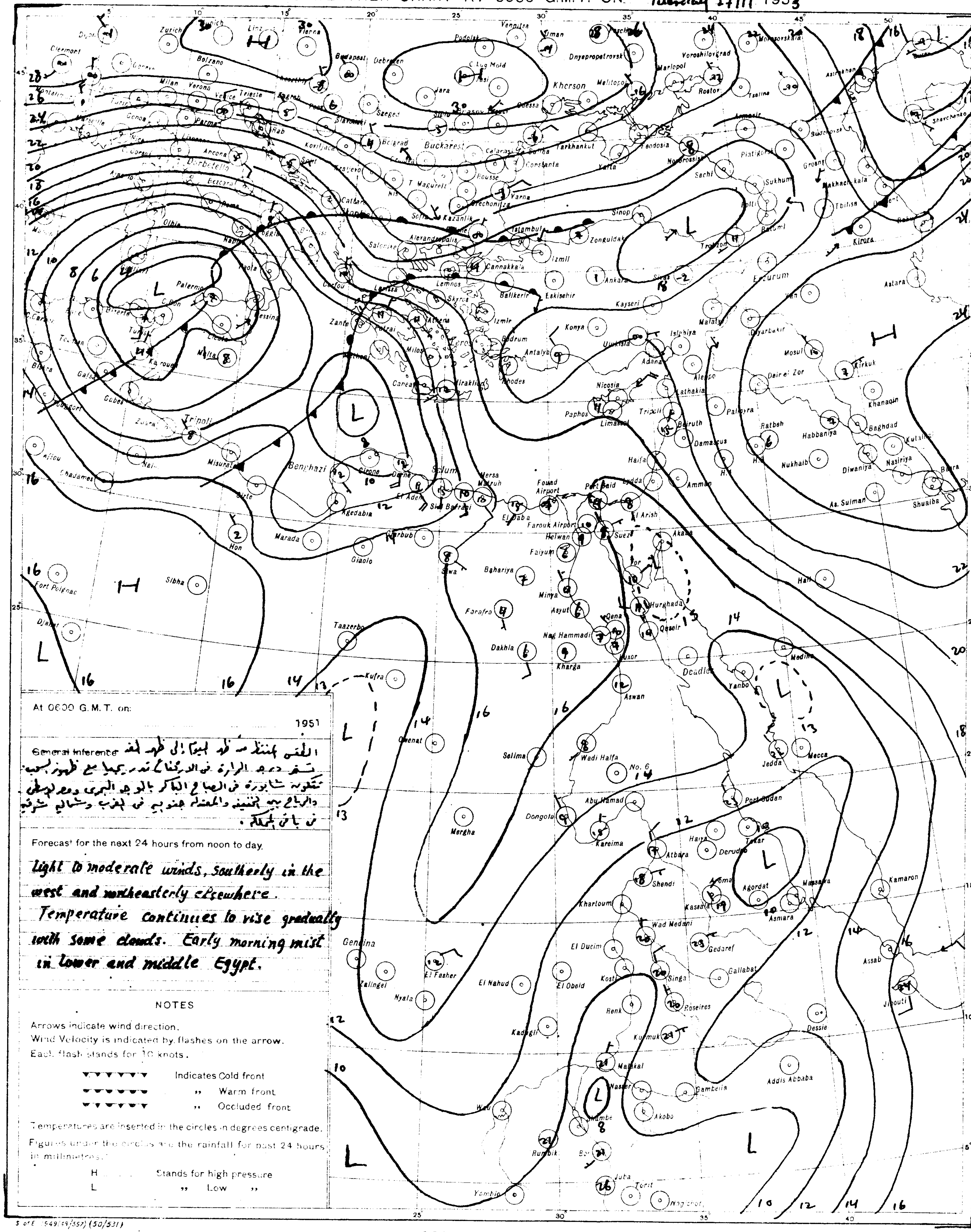
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	150	28	270	3	100	7	40	4																
600	160	23	220	7	160	7	40	6																
1000	160	18	200	10	170	4	330	3																
1500	180	16	180	3	50	4	360	9																
2000	230	23	60	3	40	9	350	5																
3000	230	25	100	7																				
4000			130	7																				
5000																								
6000																								
7000																								
8000																								

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

Note: All times are G.M.T.

Form No 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Tuesday 27/1/1953*



At 0600 G.M.T. on: 1951

~~General Inference~~

الطقس المنتظر من ظهر اليوم الى ظهر الغد
تستمر درجة الحرارة في الارتفاع تدريجيا مع ظهور السحب
تتكون شابورة في الصباح الباكر بالوجه البحري ومصر الوسطى
والرياح بين الخفيفة والمعتدلة جنوبية في الغرب وشمالية شرقية
في باقي الجهات.

Forecast for the next 24 hours from noon to day.

Light to moderate winds, southerly in the west and northeasterly elsewhere. Temperature continues to rise gradually with some clouds. Early morning mist in lower and middle Egypt.

NOTES

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

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

Temperatures are inserted in the 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 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: Wednesday 28th January, 1953

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	140	4	35	03	2	8	AC	13.4	15	59	7
	303	SIDI BARANI	120	5	18	01	6	7	AC	13.9	16	52	6
	306	MATRUH	110	18	18	01	2	7	AC	13.9	17	39	3
	309	EL DABA	140	4	35	03	2	7	St	15.9	18	37	3
		ALEXANDRIA	40	10	50	02	2	7	AC	16.2	16	68	10
	318	Alex. (Airport)	360	4	18	02	2	7	Sc, AC	15.6	17	60	9
	330	DAMIETTA	320	5	35	01	1	4	Cu, AC	15.5	17	60	9
	333	PORT SAID	320	6	30	03	2	7	Cu, Cs	14.9	17	64	10
	336	EL ARISH	330	4	30	01	2	4	Cs	13.9	17	72	12
Lower Egypt	339	DAMANHUR	360	9	15	02	1	2	AC	16.0	18	46	6
	342	MANSURA	360	5	35	03	2	4	AC	15.1	19	46	7
	348	TANTA	00	0	35	03	2	6	Ac	15.2	18	46	6
	354	ZAGAZIG	00	0	50	02	1	4	Sc	14.8	20	46	8
	441	ISMAILIA	290	2	35	03	1	6	Ac	15.1	20	41	6
Cairo Area	365	Cairo (Airport)	70	7	30	02	2	4	Cu, Ci	15.5	18	46	6
	372	ALMAZA	50	5	18	03	2	5	Cu, Ci	15.0	18	52	8
		EZBEKIYA	60	2	18	02	4	5	Ci	15.0	20	41	6
		GIZA	60	2	18	02	4	5	Ci	15.2	20	43	7
	378	HELWAN	110	1	35	02	0	2	Ci	15.1	20	41	6
Upper Egypt	381	FAIYUM	00	0	35	02	0	1	Ci	14.8	19	37	4
	387	MINYA	20	2	8	02	1	1	Ci	15.2	20	35	4
	393	ASYUT MANQABAD	330	2	18	03	1	3	Ci	14.8	19	40	5
	399	NAG HAMMADI	00	0	7	02	1	6	Sc, AC	14.3	20	41	6
	402	QENA	270	1	50	02	1	4	Ci	14.7	22	44	9
	405	LUXOR	310	3	30	03	1	4	Ci	13.7	21	31	3
	414	ASWAN	00	0	50	00	0	0	—	12.4	23	24	1
Oases	417	SIWA	160	14	13	02	2	6	Sc, AC	13.6	19	21	-4
	420	BAHARIYA	40	3	35	02	1	0	—	16.3	19	30	1
	423	FARAFRA	360	1	35	02	0	0	—	16.6	19	30	1
	432	DAKHLA	270	9	50	01	1	3	Ci	15.0	19	16	-8
	435	KHARGA	00	0	35	01	1	1	Ci	14.4	20	24	-1
Red Sea	450	SUEZ	360	4	50	01	0	2	Sc	14.4	19	37	4
	459	TOR	310	9	35	02	1	0	—	13.8	19	46	7
	462	HURGHADA	350	11	30	02	2	6	Ci	14.4	20	41	6
	465	QUSEIR	40	5	15	03	1	7	Ci	13.8	20	56	11
	641	PORT SUDAN	20	12	30	02	2	7	Sc	11.4	25	70	19
Northern Sudan	600	WADI HALFA	350	12	30	02	0	0	—	11.5	24	17	-3
	610	ABU HAMAD	70	1	30	02	1	3	Ci		29	29	9
	660	KAREIMA	110	2	30	03	0	1	Cs	8.7	28	16	0
	680	ATBARA	20	5	30	02	0	0	—	6.6	31	24	8
	721	KHARTUM	340	8	30	02	0	0	—	5.8	33	16	4
	730	KASSALA	360	3	30	02	0	0	—	3.0	37	13	5
Central Sudan	751	WAD MEDANI	50	5	35	02	0	0	—	4.8	34	20	8
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	90	5	30	02	0	0	—	5.5	30	19	4
	760	EL FASHER			30	02	0		Cs		31	24	8
	[illegible]	GENEINA	270	5	30	01	1	3	Ci		32	13	0
Southern Sudan	840	MALAKAL	70	8	30	02	2	8	Ac, Ci	4.4	34	19	7
	880	WAU											
	941	JUBA	50	3	30	04	0	1	Cu	2.7	37	17	8

At 1800 on Tuesday 27th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	90	5		02	2	7	As	15.0	15	59	7	0
SIDI BARANI	140	5	14	02	1	3	AC	14.3	12	63	5	2
MATRUH	90	6	14	01	2	4	AC	15.6	12	67	6	0
EL DABA	90	7	7	02	1	4	Cb	16.2	14	55	5	0
ALEXANDRIA	90	6	35	03	2	8	As	17.4	15	68	9	0
Alex. (Airport)	00	0	14	02	2	7	Ac, Ci	17.4	13	88	11	0
DAMIETTA	250	2		03	2	6	Sc	16.0	14	88	12	0
PORT SAID	330	5	14	02	1	1	Ci	16.5	14	88	12	0
EL ARISH	00	0	12	01	1	2	Ci	15.9	12	94	11	0
DAMANHUR	360	5	7	02	1	4	AC	16.8	12	77	8	0
MANSURA	40	5		03	2	6	AC	17.6	14	67	8	0
TANTA	00	0	35	01	2	4	Cu, As	17.1	15	77	11	0
ZAGAZIG	00	0	35	02	1	0	—	16.7	13	77	9	0
ISMAILIA	360	2	35	03	1	6	AC	16.7	13	77	9	0
Cairo (Airport)	20	3	12	03	1	3	Ci	16.3	14	63	7	0
ALMAZA	00	0	12	01	1	3	Ci	16.7	14	67	8	0
EZBEKIYA	00	0	10	02	1	5	Ac, Ci	16.7	15	59	7	0
GIZA	00	0	10	02	1	5	Ac, Ci	17.0	14	67	8	0
HELWAN	360	8	15	02	0	1	Ci	17.1	15	48	4	0
FAIYUM	00	0	35	01	0	0	—	16.0	11	77	7	0
MINYA	20	3	8	02	0	0	—	16.0	10	67	4	0
ASYUT MANQABAD	260	2	8	00	0	0	—	16.0	13	36	-2	0
NAG HAMMADI	00	0		01	1	3	AC	15.6	9	82	6	0
QENA	00	0	7	02	1	3	Ci	15.1	11	77	7	0
LUXOR	00	0	12	02	1	3	Ci	14.7	12	51	2	0
ASWAN	00	0	15	00	0	0	—	13.4	12	41	-1	0
SIWA	80	2	10	02	1	4	Cu, AC	14.4	15	32	-2	0
BAHARIYA	00	0	15	02	1	3	AC	16.8	13	44	1	0
FARAFRA	40	3	15	01	0	2	AC	16.2	11	41	-2	0
DAKHLA	320	4	35	00	0	0	—	14.7	17	15	-10	0
KHARGA	00	0	15	00	0	0	—	14.2	14	36	-1	0
SUEZ	310	4	15	01	0	0	—	16.2	15	48	4	0
TOR	360	5	15	02	0	0	—	14.0	14	42	1	0
HURGHADA	290	7	12	02	0	2	Ci	14.3	15	39	1	0
QUSEIR	20	2	15	01	1	2	Ci	15.1	20	56	11	0

At 0600 on Wednesday 28th January, 1953

Station	Wind 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			15	03	2		As	14.6	-2.8	9	19	0	8	-1	88	7	dr.	15	
SIDI BARANI	140	8	15	02	0	3	Ac, Cs	15.6		10	16		8		76	6	2	90	
MATRUH	150	9	18	01	1	3	Sc, Cu	16.3	-1.5	12	18		6		82	9	0	32	
EL DABA	190	2	15	00	0	0	—	17.1		7	18		4		87	5	0	[illegible]	
ALEXANDRIA	110	10	7	00	4	0	—	17.8	-0.6	14	17	-1	12	+2	77	10	0	83	141
Alex. (Airport)	00	0	12	02	0	0	—	17.8	0.0	9	18	0	8	-1	97	9	0	82	104
DAMIETTA	200	2	3	10	1	1	Cu, AC	18.3	+1.0	11	18	0	8	0	88	9	0	15	67
PORT SAID	190	6	10	02	1	1	Ci	18.0	0.0	14	18	0	11	0	82	11	0	34	
EL ARISH											19								
DAMANHUR	310	5	7	02	0	0	—	17.4	-0.6	10	19	-1	7	0	97	10	0	21	60
MANSURA	40	3	35	00	0	0	—	16.9	-0.6	10	21	+1	8	+1	88	8	0	19	29
TANTA	00	0	35	02	0	0	—	17.2	-1.0	9	20	0	7	+1	88	7	0	3	22
ZAGAZIG	00	0	35	02	0	0	—	16.8	-1.7	9	22	+2	4	-2	71	4?	0	9	15
ISMAILIA	160	2	35	01	0	0	—	18.0		13	22		5		67	7	0	18	
Farouk (Airport)	110	8	14	00	0	0	—	16.8		13	19		10		55	4	0	4	
ALMAZA	100	11	12	00	0	0	—	16.9	-2.0	12	20	0	10	+1	67	6	0	7	
EZBEKIYA	00	0	2	10	4	0	—	17.1	-1.4	10	21	+1	8	0	88	8	0	14	14
GIZA	00	0	2	10	4	0	—	17.6	-0.8	8	21	+2	5	0	88	6	0	42	15
HELWAN	20	3	7	05	0	0	—	17.2	-1.9	12	21	+2	10	+2	55	3	0	3	15
FAIYUM	00	0	35	02	0	0	—	17.5	-1.3	10	21	0	5	-1	67	4	0	13	4
MINYA	00	0	10	02	1	0	—	17.4	-2.9	9	21	0	1	-3	58	1	0	1	
ASYUT MANQABAD	00	0	10	00	0	0	—	17.3	-2.6	7	20	-1	4	-2	46	-4	0	0	
NAG HAMMADI	00	0		01	1	0	—	17.4	-1.3	8	22	0	3	-2	71	3	0	0	
QENA	40	1	35	00	0	0	—	17.4	-1.2	10	23	0	2	-5	38	-4	0	0	
LUXOR	00	0	12	00	0	0	—	16.8	-1.8	9	22		2		50	-1	0	0	
ASWAN	00	0	50	00	0	0	—	16.0	-2.7	12	24	0	9	-1	55	3	0	0	
SIWA	90	9	14	03	1	6	Ac, Cs	15.2	-5.1	8	20	0	6	+2	50	-2	0	1	6
BAHARIYA	00	0	35	02	1	2	Cu	17.1	-2.4	9	20	-1	5	0	62	2	0	dr.	5
FARAFRA	00	0	35	03	0	2	AC	16.7		7	22		3		57	-1	0	0	
DAKHLA	160	9	50	00	0	0	—	17.1	-2.8	7	22	0	3	-2	29	-10	0	0	
KHARGA	00	0	35	00	0	0	—	17.0	-2.2	11	21	-2	6	6	41	-2	0	0	
SUEZ	360	3	35	00	0	1	As	17.6	-0.4	10	21	+1	6	-3	76	6	0	31	10
TOR	40	5	35	02	0	0	—	16.2	-1.5	9	21	0	5	-4	62	2	0	0	9
HURGHADA											20	0							
QUSEIR	310	5	15	02	0	0	—	15.9	-1.2	15	21	-2	13	-1	59	7	0	dr.	4
PORT SUDAN																			
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			
ATBARA																			
KHARTUM																			
KASSALA																			
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID																			
EL FASHER																			
GENEINA	80	7	30	01	1	1	Ac	14.5		13	34		11		38	-1			
MALAKAL																			
WAU																			
JUBA																			

HUMIDITY Mean of day

Station	on 27th	Diff. from normal
Alexandria	69	+3
Ezbekiya	67	+1
Giza	73	+2
Helwan	66	+9

GIZA
Grass Minimum Temp.
28th 2.4

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

Cairo [Farouk] AIRPORT On 27th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	138	18		30	5
950					
900					
850	1481	1		40	6
800					
700	3013	-9		260	19
600					
500	5753	-24		250	24
400	7343	-36		240	46
300	9283	-50			

AIRPORT On At

Pressure 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	S.Barani		Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga	
Time	14		14		14		14		14		14 15		14		14		14 45		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	120	17	100	11	10	4	310	13	320	7	20	7	320	5	280	4	70	5	340	9	130	26	350	3	20	13
600	110	17	120	14	10	7	320	10	270	6	40	5	330	3	340	3	340	6	350	9	140	25	350	3	10	16
1000	120	17	140	11	60	7	330	7	250	2	50	6	60	2	80	4	40	1	20	9	160	12	210	4	360	3
1500	160	23	160	20	330	3	330	6	140	6	80	9	40	2	240	3	90	1	180	5	180	18	280	6	360	10
2000	160	23	200	18	240	3	340	9	350	4	310	5	330	2	320	5	330	3	200	10	200	16	120	8	30	8
3000			230	30	230	9	350	5			330	7	310	8	290	14	260	14			250	23	270	10		
4000					260	14					240	10			240	24					260	31				
5000					250	21															260	32				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time	8		5				2				6 45		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	140	24	100	21			80	12			80	2	80	7	150	10						
600	120	17	120	17			70	14			180	6	80	8	120	10						
1000	110	15	120	11			90	14			60	12	80	8	70	6						
1500	120	15	120	3			10	7			40	8	60	4	30	7						
2000	170	11	120	2			30	8			310	8	40	4	360	5						
3000	210	12									230	8	300	14	300	11						
4000											270	18										
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	120	32	110	4	200	4	40	6																
600	130	33	220	4	190	4	100	13																
1000	140	29	230	14	230	2	110	16																
1500	160	27	210	18	260	4	60	9																
2000	150	26	200	15			50	8																
3000	160	18	130	19			80	4																
4000																								
5000																								
6000																								
7000																								
8000																								

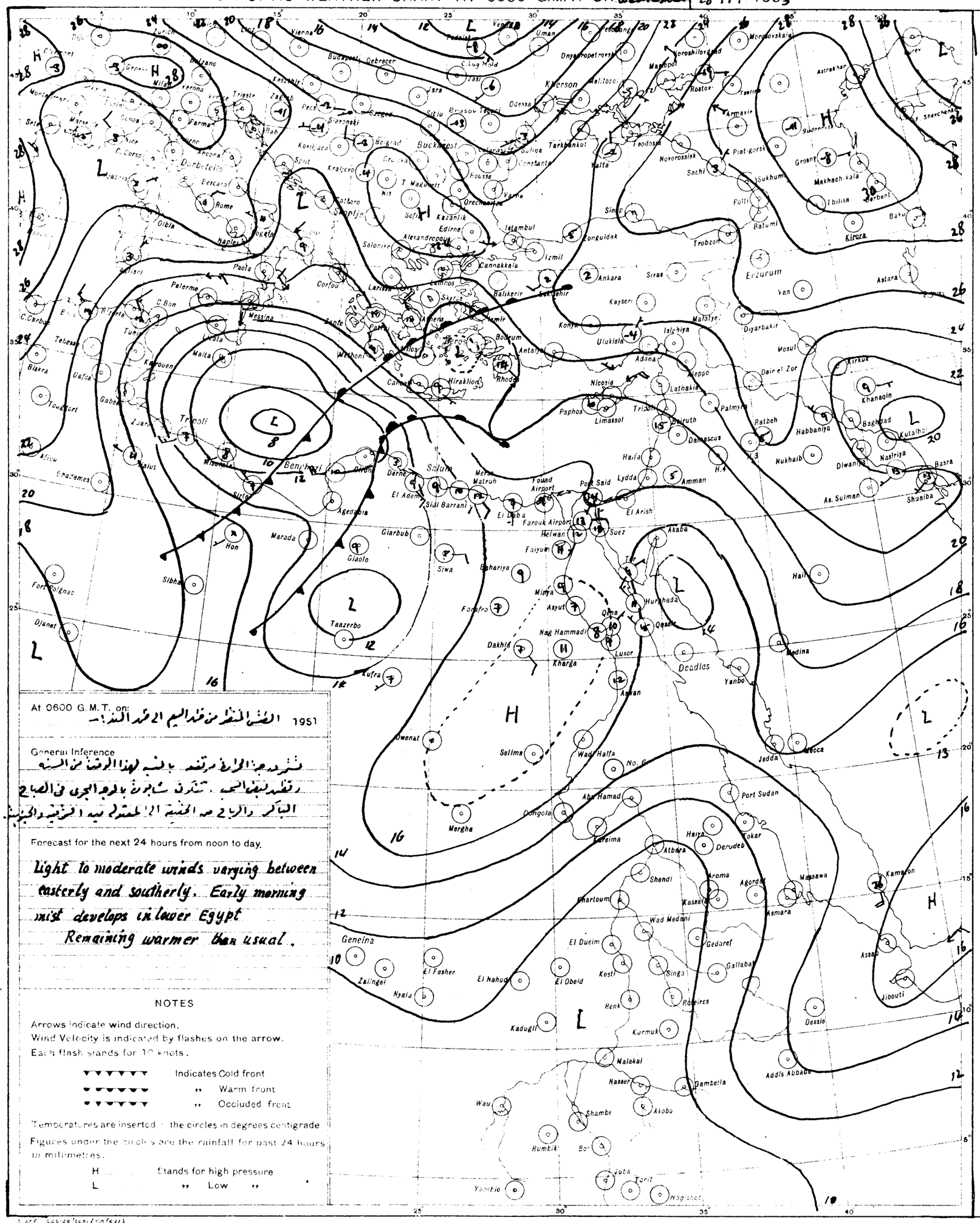
Remarks:
1. Wind Direction in degrees east of North.
2. " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt [illegible]

Form No 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 28/1/1953



At 0600 G.M.T. on: الضغط المنظر من فند البحر الى فند الشرق 1951

General Inference

تشرد جو الجوية مرتفعة بالنسبة لهذا الوقت من السنة
وتقلد بعض السحب . تتكون شابورة بالوجه البحري في الصباح
الباكر والرياح من الجنوبية الى الجنوبية الشرقية والجنوبية

Forecast for the next 24 hours from noon to day.

Light to moderate winds varying between easterly and southerly. Early morning mist develops in lower Egypt

Remaining warmer than usual.

NOTES

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

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

Temperatures are inserted in the 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. 549(49/557) (20/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 47 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: Thursday 29th January, 1953

At 1200 on Wednesday 28th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
12400	SALUM	40	4	35	02	2	6	CS	15.1	18	52	8	0
20	SIDI BARANI	80	12	18	02	2	7	AC, CS	15.3	18	60	10	0
30	MATRUH	60	12	14	02	2	7	CS	16.1	19	52	9	0
40	EL DABA	70	7	35	01	1	2	Cu	16.2	17	68	11	0
50	ALEXANDRIA	90	12	50	03	1	0	—	17.0	18	60	10	0
60	Aley. (Airport)	60	5	18	02	1	4	Ci	16.7	18	64	11	0
70	DAMIETTA	110	5	35	03	1	3	AC	17.9	18	60	10	0
80	PORT SAID	40	6	14	03	0	5	CS	17.6	18	73	13	0
90	EL ARISH	360	4	30	03	1	5	Ci	16.8	18	52	8	0
12500	[illegible]	90	5	15	02	1	3	Ci	16.8	21	41	7	0
510	[illegible]	90	5	35	03	2	6	AC	16.8	22	36	6	0
520	[illegible]	90	2	35	03	2	5	Ci	16.8	21	41	7	0
530	[illegible]	00	0	50	02	1	4	Ci	17.5	21	41	7	0
540	[illegible]	40	2	35	03	2	8	Ci	17.0	22	19	-3	0
550	Cairo	50	10	30	02	1	5	Ci	16.0	22	29	3	0
560	[illegible]	40	12	18	02	1	4	Ci	15.6	23	19	-2	0
570	[illegible]	20	3	18	03	0	3	AC, Ci	15.5	24	24	2	0
580	[illegible]	20	3	18	03	0	3	AC, Ci	15.9	24	22	1	0
590	[illegible]	40	5	7	02	1	3	CS	15.5	22	29	3	0
12600	[illegible]	20	4	35	02	2	6	Ci	15.5	23	38	8	0
610	[illegible]	170	1	10	03	1	6	Ci	14.8	23	32	5	0
620	[illegible]	60	3	8	10	2	5	CS	14.5	22	29	3	0
630	[illegible]		1	7	02	1	1	Cb, AC	15.4	20	53	10	0
640	[illegible]	270	1	50	03	1	5	CS	14.6	25	42	11	0
650	[illegible]	340	5	30	02	1	6	CS	14.2	22	44	9	0
660	ASWAN	360	5	50	01	1	5	Ci	12.4	26	30	7	0
12700	[illegible]	130	10	14	02	2	6	Sc, AC	14.7	21	17	-5	0
710	[illegible]	90	3	35	03	2	7	AC	15.4	22	16	-5	0
720	[illegible]	90	1	35	03	2	7	Ci	15.8	21	20	-3	0
730	[illegible]	140	11	35	02	2	4	Ci	14.6	23	6	-17	0
740	[illegible]	00	0	35	02	2	5	Ci	14.0	23	24	1	0
750	[illegible]	310	9	35	03	1	6	Ci	15.0	21	50	10	0
760	[illegible]	40	1	30	02	2	7	Ci	14.5	20	41	6	0
770	[illegible]	20	5	15	03	1	4	AS, Ci	14.0	22	65	15	0
780	[illegible]	50	9	30	02	1	2	Cu	11.2	28	70	22	
790	[illegible]	350	13	30	03	0	1	Ci	10.1	28	16	0	
800	[illegible]												
810	[illegible]	30	5	30	03	0	1	CS	8.2	31	19	5	
820	[illegible]	310	4	30	01	1	2	Ci	5.7	33	23	9	
830	[illegible]	20	6	30	02	1	3	CS	5.1	35	14	4	
840	[illegible]	20	6	30	03	0	1	Ci	2.6	37	19	10	
850	[illegible]	360	9	35	02	0	2	Ci	2.9	38	11	3	
860	[illegible]	360	19	35	02	0	2	AC		39	11	3	
870	[illegible]	70	9	30	03	0	5	Ci	3.9	34	25	11	
880	[illegible]	210	1	30	02	1	8	CS		33	26	11	
890	[illegible]	120	1	30	03	1	4	CS		33	12	0	
900	[illegible]												
910	[illegible]	200	6	10	04	0	1	Cu, Ci	1.7	38	16	8	
920	[illegible]	130	6	30	04	1	4	Cu, Ci	1.3	38	21	12	

At 1800 on Wednesday 28th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
12400	SALUM	90	5	15	02	1	3	Ci	17.6	14	77	10	0
20	SIDI BARANI	100	8	14	02	2	8	AS, CS	15.2	15	82	12	0
30	MATRUH	90	11	14	03	1	8	CS	16.7	15	82	12	0
40	EL DABA	40	10	7	03	2	6	Sc	17.4	15	72	10	0
50	ALEXANDRIA	90	16	35	02	2	8	CS	17.5	15	77	11	0
60	Aley. (Airport)	00	0	12	03	1	7	CS	18.1	14	88	12	0
70	DAMIETTA	40	2		02	1	5	AC	18.3	16	77	12	0
80	PORT SAID	40	8	14	03	0	5	Ci	18.8	16	82	13	0
90	EL ARISH	00	0	14	03	2	6	Cc	18.1	13	82	10	0
12500	[illegible]	90	9	15	02	1	3	Ci	17.6	14	77	10	0
510	[illegible]	40	9		03	2	8	AS	18.3	14	77	10	0
520	[illegible]	00	0	35	02	1	0	—	18.2	14	77	10	0
530	[illegible]	00	0	35	02	1	4		18.0	14	67	8	0
540	[illegible]	20	5	35	03	2	8	AS	18.2	15	68	9	0
550	Cairo	70	0	12	01	2	5	AC, CS	16.9	17	49	6	0
560	[illegible]	40	11	12	01	2	6	CS	17.1	17	34	1	0
570	[illegible]	40	2	10	01	1	3	AC, Ci	17.2	16	42	3	0
580	[illegible]	40	2	10	01	1	3	AC, Ci	16.8	17	34	1	0
590	[illegible]	40	15	7	01	1	4	CS	16.4	18	20	-5	0
12600	[illegible]	00	0	35	02	2	6	Ci	16.0	15	59	7	0
610	[illegible]	20	4	8	01	1	1	Ci	15.9	12	63	5	0
620	[illegible]	00	0	10	03	1	3	AC, Ci	15.5	17	28	-2	0
630	[illegible]	00	0		02	1		Cb, AC	15.5	12	77	8	0
640	[illegible]	00	0	7	02	1	4	Ci	15.8	14	67	8	0
650	[illegible]	80	1	12	02	2	6	Ci	14.4	17	42	4	0
660	ASWAN	00	0	15	01	1	5	Ci	12.8	21	41	7	0
12700	[illegible]	90	6	10	02	2	8	AC	14.8	16	30	-2	0
710	[illegible]	00	0	15	02	1	2	AC	16.0	14	36	-1	0
720	[illegible]	360	3	15	01	1	2	AC	15.1	13	34	-3	0
730	[illegible]	00	0	15	01	2	6	Cc	13.6			-8	0
740	[illegible]	00	0	15	02	2	6	AC	13.3	19	23	-3	0
750	[illegible]	360	3	15	03	0	7	Cu	18.3	16	42	3	0
760	[illegible]	40	5	35	01	1	4	AS	17.2	14	55	5	0
770	[illegible]	00	0	12	02	0	2	Ci	16.0	14	55	5	0
780	[illegible]	330	5	15	03	1	5	AS	15.5	20	64	13	0
790	[illegible]	360	1	30	02	0	1	Ci	11.7	22	38	7	0
800	[illegible]	360	1	30	02	0	0	—		25			0
810	[illegible]												
820	[illegible]	340	6	30	01	1	0	—	7.4	28	31	9	0
830	[illegible]	360	4	30	03	0	3	Ci	6.5	28	27	7	0
840	[illegible]	30	7	30	02	0	0	—	4.6			13	0
850	[illegible]												
860	[illegible]												
870	[illegible]	30	5	30	03	2	7	AC, CS	7.3	27	28	7	0
880	[illegible]	30	1	30	02	2	8	CS		27			0
890	[illegible]	310	5	30	02	1	3	Ci		25	24	3	0
900	[illegible]	360	4	30	03	1	4	AC, Ci	4.5	30	22	6	0
910	[illegible]	90		30	01	2	2	Ci	3.3	29	33	11	0

At 0600 on Thursday 29th January, 1953

Index Number	Station	Wind 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
12400	SALUM	320	3	7	03	2	8	AS	16.0	-1.4	14	18	-1	9	0	88	12	0	15	
20	SIDI BARANI	80	4	15	60	2	8	AS	15.9		13	20		12		77	9	dr.	90	
30	MATRUH	120	12	18	02	2	8	AS	16.5	-1.2	14	19		13		94	13	0.2	32	
40	EL DABA	90	13	15	03	2	7	St	17.1		14	19		6		88	12	0	Rain	
50	ALEXANDRIA	40	16	35	01	1	4	Ci	17.9	-0.5	12	20	+2	11	+1	97	12	0	83	143
60	Aley. (Airport)	60	5	8	05	4	3	AC	17.7	-0.1	12	19	+1	7	-2	97	12	0	82	105
70	DAMIETTA	40	2	3	10	1	3	SC	18.6	+1.4	15	19	+1	8	0	88	13	0	15	68
80	PORT SAID	50	9	14	03	1	3	Ci	18.0	0.0	15	19	+1	14	+3	94	14	0	34	
90	EL ARISH	170	3	30	03	1	4	AS, Ci	17.6	-0.2	8	22		4		76	4	0	10	
12500	[illegible]	130	5	15	02	1	3	Ci	18.6	+0.7	12	22	+2	8	+1	88	10	0	21	61
510	[illegible]	40	3	35	02	4	3	AS	18.2	+0.8	12	23	+3	10	+3	88	10	0	19	29
520	[illegible]	00	0	7	03	2	8	St	18.8	-0.1	8	22	+2	8	+2	97	8	0	3	22
530	[illegible]	00	0	35	02	1	4	SC	17.8	-0.6	9	23	+3	7	+1	88	7	0	9	15
540	[illegible]	160	2	35	03	2	8		17.6		10	22		7		76	6	0	18	
550	Cairo	20	3	14	03	1	6	AS	17.6		9	23		8		76	5	0	4	
560	[illegible]	20	6	8	05	2	7	AC, CS	17.3	-1.6	9	23	+3	9	0	88	7	0	7	
570	[illegible]	360	3	8	02	2	7	Sc, AC	17.2	-1.2	9	25	+5	8	0	88	7	0	14	14
580	[illegible]	360	3	8	02	2	7	Sc, AC	17.6	-0.7	8	24	+5	6	+1	88	6	0	42	15
590	[illegible]	40	2	3	05	2	8	AS	17.0	-2.0	14	24	+5	10	+2	36	-1	0	3	15
12600	[illegible]	00	0	35	02	2	8	AS	17.2	-1.5	10	24	+3	6	0	76	6	0	13	4
610	[illegible]	350	3	6	02	2	3	Ci	16.3	-4.0	7	23	+2	3	-1	57	-1	0	1	
620	[illegible]	00	0	8	10	0	4	Ci	15.4	-4.5	11	25	+4	6	0	47	0	0	0	
630	[illegible]	00	0	15	10	1	0	—	15.9	-2.7	8	22	0	5	0	88	6	0	0	
640	[illegible]	00	0	35	00	0	0	—	15.5	-3.0	16	27	+4	7	0	49	5	0	0	
650	[illegible]	60	5	30	02	1	1	Ci	14.5	-4.0	10	24		6		50	0	0	0	
660	ASWAN	360	5	50	00	0	0	—	14.2	-4.4	16	28	+4	12	+2	59	8	0	0	
12700	[illegible]	100	9	13	02	2	6	Sc, AC	15.4	-4.8	13	22	+2	12	+8	55	4	0	1	6
710	[illegible]	00	0	35	02	2	0	AC	16.4	-3.1	12	22	+1	6	+1	44	0	0	dr.	5
720	[illegible]	00	0	35	01	2	6	AS	15.4		10	23		4		38	-4	0	0	
730	[illegible]	340	11	50	00	0	0	—	15.0	-4.9	8	24	+2	4	-1	20	-14	0	0	
740	[illegible]	00	0	15	00	0	0	—	14.3	-5.8	18	26	+3	10	+4	28	-1	0	0	
750	[illegible]	360	2	35	00	0	6	SC	17.4	-2.6	12	23	+3	6	-3	55	3	0	31	10
760	[illegible]	40	5	35	01	1	2	Ci	16.2	-1.4	11	22	+1	6	-3	51	1	0	0	9
770	[illegible]											22	+2							
780	[illegible]	330	5	15	01	1	2	AC	14.0	-3.0	16	22	-1	15	+1	59	8	0	dr.	4
790	[illegible]	320	7	30	03	0	5	SC	13.9		25	29		22		84	22	0		
800	[illegible]	20	5	30	01	0	0	—	11.0		15	29		11		52	5	0		
810	[illegible]	90	1	30	02	0	0	—			22	33		18		65	15	0		
820	[illegible]	10	4	30	03	0	1	Cs	9.9		19	33		17		46	7	0		
830	[illegible]	50	6	30	02	0	0	—	9.9		21	35		17		53	11	0		
840	[illegible]	20	4	30	03	0	3	CS	9.1		21	36		19		47	9	0		
850	[illegible]	00	0	30	02	0	0	—	7.8		25	38		20		58	16	0		
860	[illegible]	50	5	15	02	1	2	AC	8.0		22	39		18		61	14	0		
870	[illegible]	310	5	35	02	0	0	—	8.0		14	40		19				0		
880	[illegible]	340	9	30	02	2	6	AC, CS	9.5		19	35		16		46	7	0		
890	[illegible]	00	0	30	02	2	8	CS			15	35				42	2	0		
900	[illegible]											35								
910	[illegible]	70	4	30	03	1	6	AC	8.1		25	40		21		24	3	0		
920	[illegible]	00	0	10	04	2	8	AC, CS	7.1		25	40		23		51	14	0		
												39								

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On 28th At

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

Remarks

28th	
77	+11
55	-11
53	-18
31	-25
29th	4.0

RAWINSONDE

Cairo — On 28th At 15h. — Airport

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850	1512	7		40	4
800					
700	3061	-9		290	10
600					
500	5596	-23		260	27
400	7196	-34		240	41
300	9166	-45		250	100

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 28th

Height m	Matruh Dir.	Matruh Vel.	Aley. A.P. Dir.	Aley. A.P. Vel.	PortSaid Dir.	PortSaid Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Aswan Dir.	Aswan Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	PortSaid Dir.	PortSaid Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.
	14		14		14		14		14		14		14		14		14		14		20		20		20	
300	90	12	80	14	40	10	50	13	90	3	120	4	340	13	110	19	80	8	10	7	40	14	70	28	350	2
600	120	11	100	10	50	9	60	13	80	8	100	8	10	3	120	22	90	6	50	8	50	9	80	24	360	3
1000	130	15	80	8	50	9	80	13	100	11	80	11	80	9	150	24	90	9	80	13	80	7	50	13	360	4
1500	150	13	60	3	70	9	80	4	110	7	40	7	80	17	170	26	90	22	80	16	100	5	10	4	340	6
2000	170	14	60	4	50	12	280	4	40	4	30	6			170	28	80	16					40	4	10	8
3000	200	14					320	11			270	7			160	33							10	8		
4000	230	13					270	17			250	12											320	15		
5000	240	16									240	30														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 29th

Height m	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Aley. (Airport) Dir.	Aley. (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.	Almaza Dir.	Almaza Vel.
	8		4		2		2		2		7		2		8						8	15
300	140	24	100	24	80	12	60	15	90	3	50	8	340	5	120	7					70	19
600	120	31	90	23	100	9	50	16	100	3	60	26	330	3	120	12					60	20
1000	110	25	80	11	100	6	80	16	70	3	70	16	350	3	100	10					60	18
1500	130	9	60	5	100	9	80	12	280	3	50	10	340	5	90	11					40	17
2000	240	4	90	14							40	15	20	2	70	5					40	23
3000											40	24			200	15					30	10
4000											30	16			230	27						
5000																						
6000																						
7000																						
8000																						

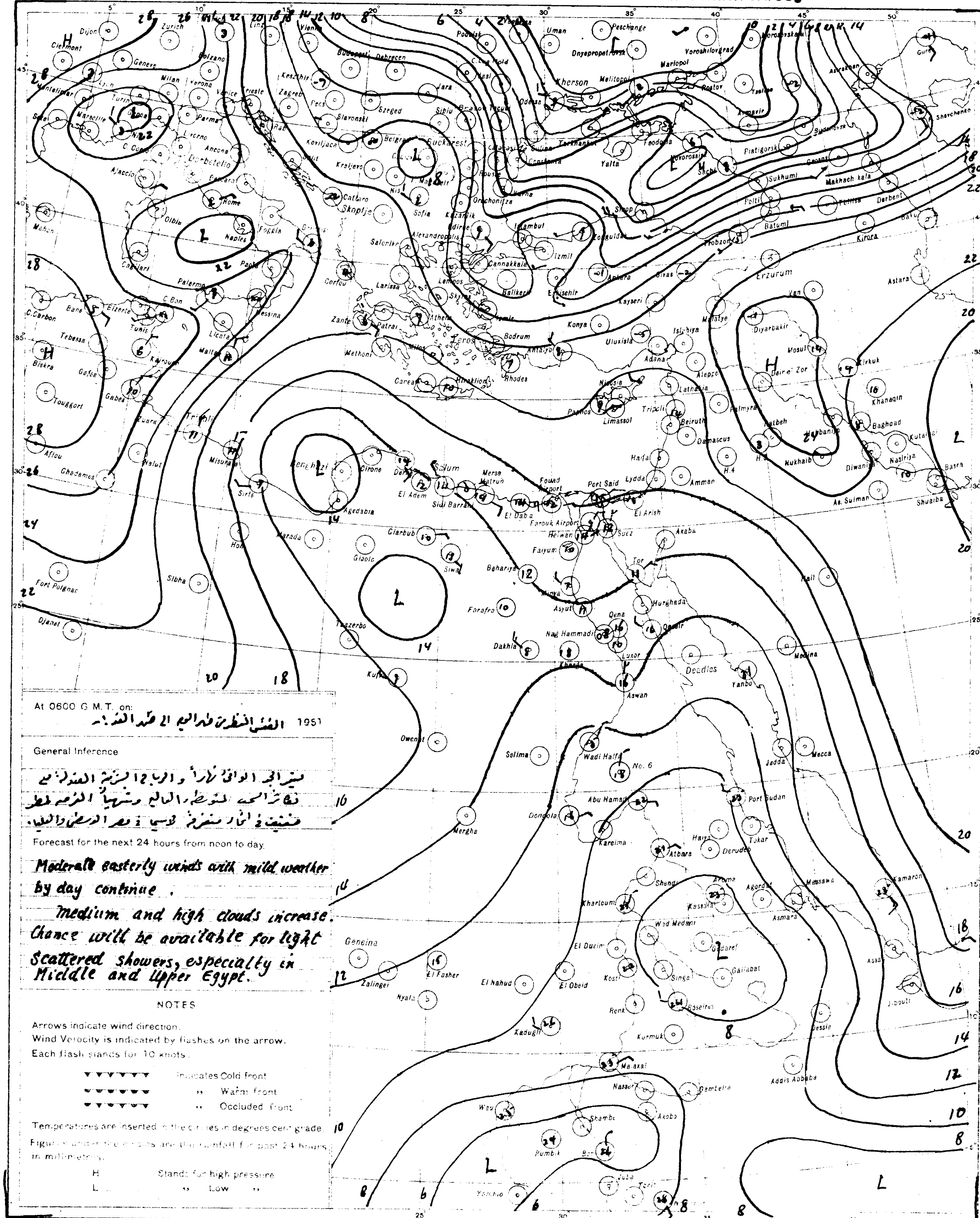
Height m	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.
	8		8		8		8		4		4		4		4				5		5		4	
300	100	18	190	5	110	9	60	9	120	5														
600	110	24	200	6	120	28	100	10	120	10	100	2	100	20	30	22							30	19
1000	130	27	210	17	120	39	110	19	170	14	110	14	110	15	40	19			20	15	170	6	40	27
1500	140	25	220	34	140	26	120	17	220	22	130	11	140	11	60	13			80	12	130	11	50	21
2000	140	24	210	32			130	13	220	24	270	5			40	9								
3000	160	23					180	18	240	35	270	17	250	15	240	7			200	3	190	8	120	6
4000											310	30			210	15								
5000															190	15					210	13		
6000													240	26	130	1								
7000															240	25								
8000															220	34								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity .. Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3- Present weather, Past weather, Form and amount of clouds 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 (49755) (250 Ex.)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 29.1. 1952



At 0600 G.M.T. on: [illegible] 1951

General Inference

يستمر الجو الدافئ نهاراً والرياح الشرقية المعتدلة مع
تزايد السحب المتوسطة والعالية ويحتمل سقوط مطر
خفيف في أنحاء متفرقة لاسيما في مصر الوسطى والعليا.

Forecast for the next 24 hours from noon to day.

Moderate easterly winds with mild weather by day continue.

Medium and high clouds increase. Chance will be available for light scattered showers, especially in Middle and Upper Egypt.

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

H Stands for high pressure
L ,, Low ,,

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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 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: Friday 30th January, 1953

At 1200 on Thursday 29th

Index	Station	Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temp. °C	Humidity %	Dew Point °C
62300	SALUM		3	35	03	2	1	AS	16.2	19	64	12
303	SIDI BARANI	90	11	15	02	6	7	ac, Cs	15.7	18	78	14
306	MATRUH	100	15	14	01	2	6	Sc, Cs	16.5	19	64	12
309	EL DABA	70	8	35	03	2	8	St	16.6	17	68	11
	ALEXANDRIA	40	12	50	03	2	5	Ci	17.1	18	73	13
	Alex (Airport)	50	9	18	03	2	7	Ac, Cs	16.6	19	64	12
	DAMIETTA	20	5	35	01	1	2	AC	16.8	18	73	13
	PORT SAID	40	8	30	02	2	7	CS	16.4	18	88	16
	EL ARISH											
	DAMANHUR	90	5	15	02	1	3	Ci	16.7	22	50	11
	MANSURA	40	5	35	03	2	5	AC	16.2	22	50	11
	TANTA	220	5	35	01	1	3	SC	15.9	21	50	10
	ZAGAZIG	00	0	50	03	1	6	SC	15.4	20	56	11
	ISMAILIA	20	5	35	02	2	8	Cu, As	15.8	20	41	6
	Cairo (Airport)	70	12	18	02	2	7	AS	15.0	21	21	-2
	ALMAZA	40	11	18	01	2	6	AS	14.8	21	44	8
	EZBEKIYA			14	02	2	7	Ac	14.8	22	31	4
	GIZA			14	02	2	7	Ac	14.8	22	29	3
	HELWAN	40	14	15	02	2	8	AS	14.0	23	18	-3
	FAIYUM	00	0	35	02	2	8		14.4	23	38	8
	MINYA	350	8	12	02	1	5	Ci	12.9	25	28	5
	ASYUT (MANGABAD)	350	3	8	10	1	4	Ac, Ci	12.8	24	26	3
	NAG HAMMADI	00	0		02	1	7	AC	12.8	25	28	5
	QENA	00	0	35	03	1	7	As	13.4	23	38	8
	LUXOR	330	5	30	03	2	7	Cu	13.2	23	36	7
	ASWAN	270	4	7	01	1	3	Ci	9.6	29	40	14
	SIWA	130	5	13	02	2	6	Ns, AC	15.2	20	30	2
	BAHARIYA	90	3	15	02	2	6	AC	15.9	22	21	-1
	FARAFRA	40	6	35	03	2	8	AS	13.9	22	16	-5
	DAKHLA	00	0	35	01	2	4	Ci	11.1	26		
	KHARGA	00	0	15	02	2	6	Sc, Cu	10.6	28	33	10
	SUEZ	350	2	50	03	0	8	NS	14.3	22	21	-1
	TOR	310	9	35	03	1	1	Ci	13.8	21	65	14
	HURGHADA											
	QUSEIR	20	9	15	02	0	7	AC	13.6	23	61	15
	PORT SUDAN	90	8	30	02	1	3	Cu	11.2	28	74	23
	WADI HALFA		4		02	0	0	—	6.9	31	31	12
	ABU HAMAD	90	1	30	03	2	6	CS		35	20	9
	KAREIMA	20	5	30	03	0	4	CS	5.0	34	30	14
	ATBARA	90	7	30	01	1	4	Ci	3.9	37	13	4
	KHARTOUM	90	8	30	02	0	0	—	3.1	38	11	3
	KASSALA	50	6	30	02	0	0	—	2.7	36	24	12
	[illegible]	50	9	35	02	0	0		1.8	39	10	2
	[illegible]	310	13	35	02	0	2	Ac		38	15	7
	[illegible]	310	2	35	02	0	2	Ci	1.6	39	4	-9
	[illegible]	110	4	30	03	1	4	Ci	3.0	35	25	12
	[illegible]	00	0	30	02	0	8	CS		35	25	12
	[illegible]	220	2	30	02	2	8	CS		33	14	2
	[illegible]	360	4	30	01	1	2	AC	1.9	39	13	6
	[illegible]	40	5	10	04	2	8	Ac, Cs	2.3	37	18	9
	[illegible]	90	4	30	04	1	5	Cu, Cs	1.7	38	22	13

At 1800 on Thursday 29th

Station	Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temp. °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALUM	40	3	15	03	2	6	AC	16.2	16	24	-5	0
SIDI BARANI	60	12	14	02	2	6		16.1	15	45	3	dr.
MATRUH	80	8	12	03	1	3	Cc	15.9	14	88	12	0
EL DABA	90	9	7	02	1	4	Cu	16.5	15	77	11	0
ALEXANDRIA	90	16	35	02	2	8	AS	17.6	15	88	13	0
Alex (Airport)	60	3	14	03	1	7	Ac, Cs	16.9	15	88	13	0
DAMIETTA	40	2	7	00	0	0	→	16.7	16	77	12	0
PORT SAID	40	10	12	02	0	2	Ci	16.9	15	88	13	0
EL ARISH	00	0	12	01	2	5	AC, Ci	15.1	12	94	11	0
DAMANHUR	90	5	15	02	1	3	Ci	17.2	13	88	11	0
MANSURA	40	5		00	1	0	—	17.1	15	77	11	0
TANTA	00	0		01	1	3	Cu	17.4	14	88	12	0
ZAGAZIG	00	0	35	02	1	6		17.6	13	88	11	0
ISMAILIA	20	5	35	02	2	8	AS	17.1	13	88	11	0
Cairo (Airport)	70	11	12	02	2	6	AS	15.7	15	72	10	0
ALMAZA	20	11	12	02	2	6	AC	16.1	15	83	12	0
EZBEKIYA			10	01	2	6	Ac, Ci	16.4	15	77	11	0
GIZA			10	01	2	6	Ac, Ci	16.2	16	68	10	0
HELWAN	40	13	15	02	2	7	AC	15.8	16	49	5	0
FAIYUM			33	02	2	6	St	15.2	16	59	8	0
MINYA	340	7	8	03	1	6	Ci	14.0	15	45	3	0
ASYUT (MANGABAD)	240	2	6	10	2	7	Ci	13.4			2	0
NAG HAMMADI	00	0		02	1	6	Cb, AC	13.0	14	67	8	0
QENA	00	0	7	02	1	6	AC	12.2	16	59	8	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	9.8	26	37	10	0
SIWA	70	6	10	01	1	1	AC	14.3	17	30	-1	0
BAHARIYA	40	3	15	02	2	7	AC	14.8	17	34	1	0
FARAFRA	40	7	15	03	2	8	AS	13.3	16	15	-11	0
DAKHLA	360	4	15	03	1	5	Ci	10.8				
KHARGA	00	0	15	01	2	4	Sc, Cu	11.2	20	24	-1	0
SUEZ	310	2	15	02	0	8	NS	16.0	16	49	5	0
TOR	360	2	15	03	2	7	CS	14.6	18	52	8	0
HURGHADA												
QUSEIR	20	5	15	01	1	3	AS	13.9	20	64	13	0

At 0600 on Friday 30th January, 1953

Station	Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs	Bar. Diff. from normal mbs	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rain Past 24 hrs	Rain Total from Oct. 1st	Rain Normal from Oct. 1st
SALUM	40	4	15	01	0	3	Sc	17.1	-0.2	16	20	+1	9	0	77	12	0	15	
SIDI BARANI	40	6	15	02	1	3	Sc, Ci	16.8		15	19		13		83	12	dr.	90	
MATRUH	60	3	18	03	2	7	Cu, Ac	16.2	-1.4	12	20		10		94	11	0	32	
EL DABA	70	12	15	02	1	3	Cu	16.4		14	17		13		88	12	0	Rain	
ALEXANDRIA	40	11	35	02	4	6	AC	16.4	-1.9	15	21	+3	13	+3	77	11	0	83	144
Alex (Airport)	00	0	18	02	1	3	Ac	15.8	-1.9	12	20	+2	11?	+2	44	11	0	82	107
DAMIETTA	40	2	7	10	1	3	AC	16.8	-0.4	15	18	0	9?	+1	88	13	0	15	69
PORT SAID	50	11	10	02	2	4	Ac, Cs	16.0	-2.0	15	19	+1	15	+4	94	14	0	34	
EL ARISH											18								
DAMANHUR	40	5	15	02	1	3	Ci	17.7	-1.1	12	22	+2	8	+1	88	10	0	21	62
MANSURA	40	5	35	02	1	2	As		-2.6	12	22	+2	11	+4	88	10	0	19	29
TANTA	220	2	35	01	1	3	Cu		2.0	12	21	+1	8	+2	88	10	0	3	23
ZAGAZIG	00	0	35	02	1	6	St	15.4	-2.5	9	20	0	6	0	97	9	0	9	15
ISMAILIA	360	2	35	03	2	8	Ac, Ci	15.9		11	20		8		88	9	0	16	
Cairo (Airport)	70	10	8	05	2	7	Cu, As	15.1		12	21		10		97	12	0	4	
ALMAZA	50	12	8	05	2	7	Sc, As	14.8	-4.1	13	21	+1	11	+2	97	13	0	7	
EZBEKIYA			0.3	40	4	9		14.2	-4.1	12	22	+2	11	+3	88	10	0	14	14
GIZA			0.3	40	4	9		14.6	-3.7	10	22	+3	7	+2	94	9	0	42	15
HELWAN	20	8	15	03	2	8	AC	14.7	-4.3	16	23	+4	14	+6	32	-1	0	3	15
FAIYUM	20	6	35	02	2	8	NS	13.9	-4.8	14	23	+2	12	+6	67	8	0	13	4
MINYA	340	4	8	01	2	5	Ci	13.2	-7.1	11	26	+5	8	+4	57	5	0	1	
ASYUT (MANGABAD)	00	0	8	10	0	7	AC, Ci	12.9	-7.0	12	26	+5	10	+4	55	3	0	0	
NAG HAMMADI	00	0		62	1	7	Cu, Sc	13.1	-5.5	14	25	+3				10	0	0	
QENA	00	0	35	03	1	6	Ac	12.7	-5.7	16	26	+3	10			8	0	0	
LUXOR	10	2	30	05	1	4	Sc	11.4	-7.1	14						4	0	0	
ASWAN	360	4	50	00	0	0	—	10.4	-8.2	19	31	+7	15	+5	64	12	0	0	
SIWA	90	7	14	03	1	4	AC	16.2	-4.0	12	22	+2	10	+6	88	10	0	1	6
BAHARIYA	40	2	35	05	2	7	Ac	14.7	-4.7	14	23	+2	13	+8	55	5	0	dr.	5
FARAFRA	00	0	35	03	2	7	As	13.8		13	24		10?		55	4	0	0	
DAKHLA	340	15	50	01	1	7	Ci	13.0	-6.8	14	28	+6	12?	+7			0	0	
KHARGA	00	0	15	02	2	8	Sc, Cu	12.0	-7.1	18	29	+6	12?	+6	37	3	0	0	
SUEZ	310	2	35	00	0	6	Cu	14.6	-3.3	14	23	+3	10	+1	55	5	0	31	10
TOR	360	5	35	03	2	7	AC	13.0	-4.6	14	23	+2	5	-4	48	3	0	0	9
HURGHADA																			
QUSEIR	330	5	15	03	2	7	St, AC	13.4	-3.6	19	23	0	15	+1	49	8	0	dr.	4
PORT SUDAN	310	3	30	02	1	1	Cu	10.0		25	29		21		79	21	0		
WADI HALFA	00	0	50	02	0	0	—	11.4		17	32		16		60	9	0		
ABU HAMAD	00	0	30	01	2	3	Ci			21	37		18		53	11	0		
KAREIMA	30	2	30	02	2	7	CS	7.2		19	36		18		68	13	0		
ATBARA	20	7	30	02	0	0	—	7.6		22	38		19		53	12	0		
KHARTOUM	40	3	30	03	0	2	Ac, Ci	7.5		23	39		20		41	9	0		
KASSALA	20	3	30	02	0	0	—	5.7		27	36		23		42	13	0		
[illegible]	50	5	7	02	0	0	—	6.5		23	39		18		47	11	0		
[illegible]	310	13	35	02	0	3	Ac			20	38		16		43	7	0		
[illegible]	50	2	35	02	0	0	—	6.6		22	40		18		53	12	0		
[illegible]	360	1	30	03	1	6	CS	7.1		22	37		18		41	8	0		
[illegible]	00	0	30	01	2	5	Ac, Ci			20	37		16		35	4	0		
[illegible]	70	5	30	03	2	7	CS			21	34		10		26	1	0		
[illegible]																			
[illegible]	00	0	10	04	2	8	CS	6.7		24	38		23		54	12	0		
[illegible]	00	0	30	04	2	7	CS	7.0		25	40		19		42	11	0		

29th
88 +22
72 +7
73 +2
37 -19

30th 4.6

UPPER AIR OBSERVATIONS

RAWINSONDE

Cairo (Farouk) Airport, On 29th, At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	138	19		40	13
950					
900					
850	1512	12		30	21
800					
700	3107	1		270	9
600					
500	5717	-18		220	26
400	7347	-30		240	70
300	9352	-22		240	122

UPPER WIND OBSERVATIONS on 29th

Height m.	Port Said (14) Dir	Vel	Aswan (14) Dir	Vel	Siwa (14) Dir	Vel	Dakhla (14) Dir	Vel	Kharga (14) Dir	Vel	S. Barani (14) Dir	Vel	Luxor (13 45) Dir	Vel	Asyut (14) Dir	Vel	Minya (14) Dir	Vel	S. Barani (14) Dir	Vel	Nag Hammadi (14) Dir	Vel	Port Said (20) Dir	Vel	Minya (20) Dir	Vel
300	30	14	340	10	100	15	270	5	110	3	40	19	120	4	330	3	350	18	110	19	10	5	30	25	20	6
600	20	11	330	6	90	16	270	7	110	5	80	19	90	8	330	3	350	12	80	19	100	12	30	24	10	5
1000	360	7	70	5	120	23	260	9	170	8	70	16	90	9	270	2	360	9	70	16	60	5	40	26	10	8
1500	340	11			110	31	260	14	200	8	80	8	230	8	120	11	60	7	80	8	180	5	50	20	350	5
2000	340	15			110	27	270	23	230	23	110	14	210	3	40	19	100	7	110	14	210	10	70	19	320	2
3000	340	7			140	19					140	17			230	16	180	12	140	17	200	22	320	23	320	10
4000	250	12									170	29							170	29						

UPPER WIND OBSERVATIONS on 30th

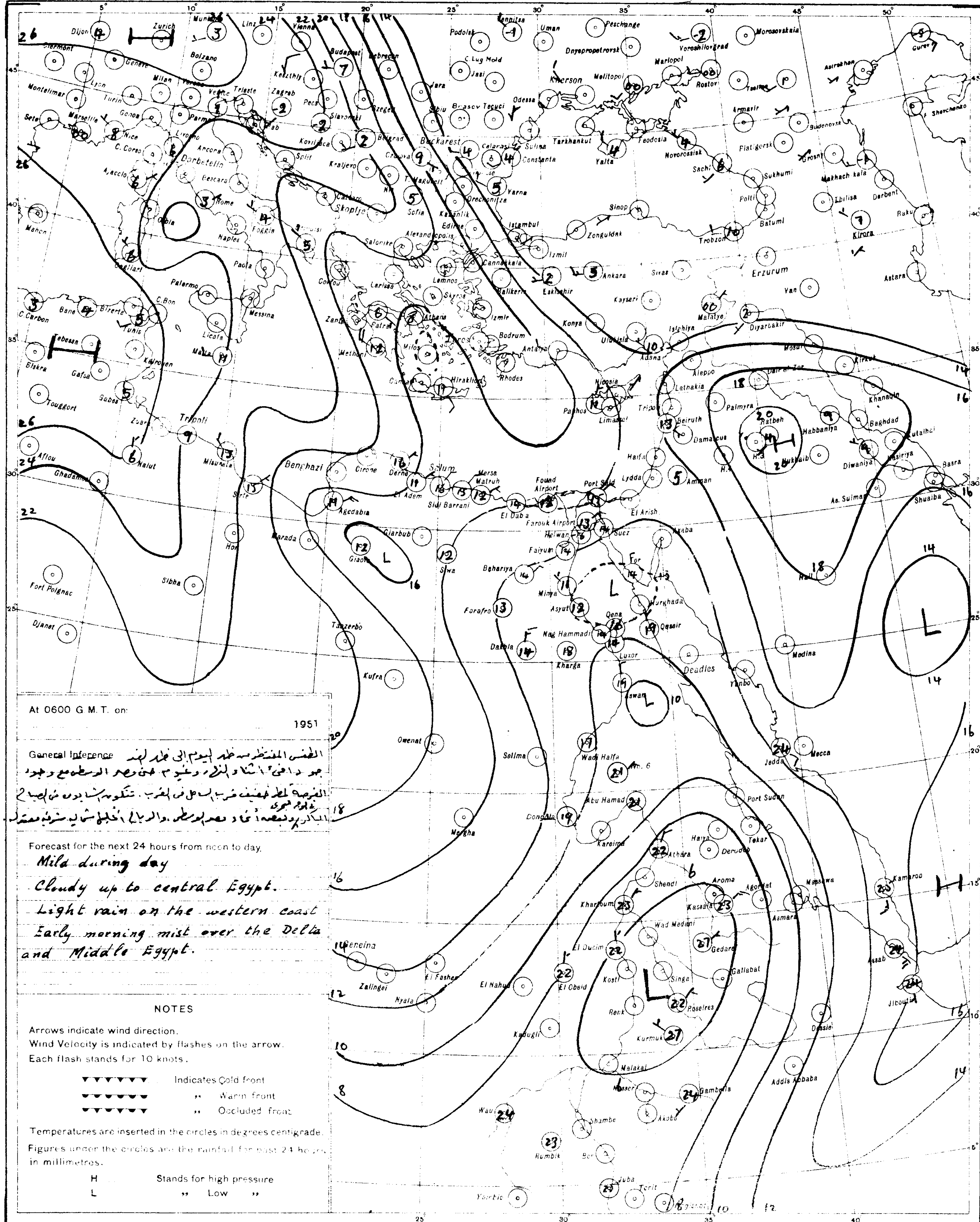
Height m.	Sidi Barani (8) Dir	Vel	Matruh (5) Dir	Vel	Alex Airport Dir	Vel	Port Said (2) Dir	Vel	El Arish (8) Dir	Vel	Helwan Dir	Vel	Minya (2) Dir	Vel	Mangabad (8) Dir	Vel	Luxor Dir	Vel	Aswan Dir	Vel
300	50	12	150	10			50	19	30	13			340	5	120	3				
600	90	11	170	19			50	24	40	15			350	3	150	8				
1000	80	20	150	21			360	17	50	9			360	4	170	6				
1500	50	16	150	23			20	12	140	2			340	8	150	6				
2000	30	21	170	17			20	15	20	4			10	6	180	11				
3000									160	8			350	4	200	16				
4000															220	37				
5000																				
6000																				
7000																				
9000																				

Height m.	Siwa (8) Dir	Vel	Bahariya (8) Dir	Vel	Dakhla (8) Dir	Vel	Kharga (8) Dir	Vel	Wadi Halfa (5) Dir	Vel	Abu Hamad Dir	Vel	Kareima (4) Dir	Vel	Khartoum (4) Dir	Vel	Kassala Dir	Vel	(5) Dir	Vel	(5) Dir	Vel	(4) Dir	Vel
300	90	34	180	7	290	10	60	8	10	3														
600	90	35	180	10	280	7	120	11	130	8			100	9	30	15							10	9
1000	90	37	180	17	190	4	130	10	140	8			90	9	30	16			50	16	340	9	10	12
1500	100	41	190	16	180	5	150	6	190	9			110	4	40	18			70	13	50	13	20	11
2000	100	40	220	12	180	8	200	10											120	7				
3000							220	21	220	19			150	14	160	8			130	3	170	11	150	5
4000																								
5000													230	16	170	20								
6000													260	19	200	15								
7000																								
8000															230	24								

Remarks: 1. Wind Direction in degrees east of North.
2. " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3. Present weather, Past weather, Form and amount of clouds are ... 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 *Friday 30-1-1953*



At 0600 G.M.T. on: 1951

General Inference

الطقس المنتظر حتى ظهر اليوم إلى ظهر الغد
جو دافئ أثناء النهار وغيوم حتى مصر الوسطى مع وجود
الفرصة لمطر خفيف قرب السواحل في الغرب. تتكون الشابورة في الصباح
الباكر بالوجه البحري ومصر الوسطى. والرياح شمالية غربية معتدلة

Forecast for the next 24 hours from noon to day.

Mild during day
Cloudy up to central Egypt.
Light rain on the western coast
Early morning mist over the Delta
and Middle Egypt.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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)

100 050

CAIRO
Time of Sunrise 04 36 G.M.T.
" " Sunset 15 43 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Sunday 15th February, 1952 3

At 1200 on Saturday 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
Mediterranean	62300	Salûm											
	303	Sidi Barâni	150	20	1.5	05	2	8	AS	10.2	22	16	-5
	306	Matrûh	100	14	18	02	2	8	AS	13.0	20	64	13
	309	El Dab'a	110	7	15	03	2	7	Sc,Cu	15.1	19	64	12
		Alexandria	40	16	50	03	1	6	Cs	16.7	23	53	13
	318	Alex (Airport)	00	0	18	02	2	6	Cc	16.4	24	50	13
	320	Damietta	40	5	35	02	0	1	AC	18.2	19	73	14
	333	Port Saîd	50	8	30	02	0	3	Ci	17.5	17	94	16
	336	El Arish	40	3	30	03	1	1	Ci	16.4	19	64	12
Lower Egypt	339	Damanhur	40	13	15	02	1	3	Ci	16.2	27	37	11
	342	Mansûra	40	5	35	03	2	4	AC	16.7	25	42	11
	345	Tanta	220	5	35	01	2	4	Sc,Cu	16.0	25	42	11
		Zagazig	00	0	50	02	4	0	—	16.6	25	42	11
		Ismailia	160	2	35	03	1	4	Ci	16.3	27	27	6
Cairo Area		Cairo (Airport)	00	0	30	03	1	2	Ci	15.6	29	23	6
		Almaza	10	10	18	03	2	5	CS	15.2	26	30	7
		Ezbekiya	00	0	18	00	4	0	—	15.7	27	28	7
		Giza	00	0	18	00	4	0	—	15.6	26	30	7
		Helwan	290	5	7	05	1	2	Ci	15.8	26	25	4
Upper Egypt		Fayum											
		Minya	00	0	8	02	1	4	Ci	15.5	29	27	8
		Asyut Manqabad	120	6	30	02	1	3	Ci	14.8	28	12	-4
		Nag Hammadi	00	0	7	01	1	5	Sc,AC	14.8	26	37	10
		Qena	00	0	50	02	1	5	Ci	14.2	30	21	5
		Luxor	340	10	30	02	1	3	Ci	13.8	28	1?	2
		Aswan	340	4	50	01	1	3	Ci	11.8	30	11	-4
Oases		Siwa											
		Bahariya	130	3	35	02	1	4	Cc	15.2	30	31	11
		Farafra	140	4	35	03	2	7	CS	15.1	30	16	1
		Dakhla	100	11	35	01	1	4	Cc	13.9	31	5	-14
		Kharga	00	0	35	03	2	7	AC	14.4	30	16	1
Red Sea		Suez	220	2	50	02	0	1	Cu,As	15.4	25	28	5
		Tor	270	5	35	03	1	5		15.8	24	61	16
		Hurghada	360	2	30	02	0	3	Ci	15.7	23	47	11
		Quseir	360	9	15	03	1	3	Ci	15.9	23	61	15
		Port Sudan	360	17	10	06	2	7	Sc	11.5	27	66	20
Sudan		Wadi Halfa	40	11	30	01	1	6	CS	10.3	32	9	-5
		Abu Hamad	360	3	30	03	0	3	Ci		34	19	7
		Kareima	50	10	30	03	0	4	Cs	7.4	33	16	4
		Atbara											
		Khartoum											
		Kassala											
		Wad Medani											
			70	11	10	03	2	1	AC	1.7	38	14	6
			40	10	30	03	2	4	Cu,CS	999.8	40	13	7

At 1800 on Saturday 14th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
Salûm	180	13	7	05	2	8	As	8.6	25	17	-2	0
Sidi Barâni	110	4	14	02	2	7	AC	9.3	23	19	-2	0
Matrûh	200	7	14	02	2	7	AC,Ci	10.9	17	77	13	0
El Dab'a	110	10	7	03	2	6		12.5	18	52	8	0
Alexandria	110	16	35	00	0	0	—	15.0	17	68	11	0
Alex (Airport)	70	2	12	02	1	3	Cs	15.9	16	88	14	0
Damietta	40	2		03	2	8	AC	18.0	17	77	13	0
Port Saîd	80	12	14	02	2	7	AS	17.9	17	83	14	0
El Arish	00	0	14	01	1	0	—	17.6	15	77	11	0
Damanhur	40	9	15	02	1	0	—	17.1	15	68	9	0
Mansûra	40	5		00	1	0	—	17.0	16	77	12	0
Tanta	90	2	35	02	1	0	—	16.7	17	77	13	0
Zagazig	00	0	35	02	0	0	—	16.6	18	73	13	0
Ismailia	20	2	35	02	2	8	AS	16.8	20	33	3	0
Cairo (Airport)	70	9	12	01	2	5	AC,Ci	16.1	21	41	7	0
Almaza	90	11	12	01	2	3	AS,Ci	16.0	22	27	2	0
Ezbekiya	00	0	10	00	0	0	—	16.3	19	49	8	0
Giza	00	0	10	00	0	0	—	16.2	15	63	8	0
Helwan	40	4	7	05	1	5	AC,Ci	16.2	22	16	-5	0
Fayum	00	0	35	02	2	6	Ci	15.6	18	73	13	0
Minya	00	0	8	02	2	7	CS	16.2	18	46	6	0
Asyut Manqabad	210	2	10	03	2	8	AS	15.8	22	27	2	0
Nag Hammadi	00	0		00	1	0	—	15.9	16	42	3	0
Qena	00	0	7	02	1	2	Ci	15.0	17	60	9	0
Luxor	00	0	12	01	0	0	—	14.5	20	38	5	0
Aswan	00	0	50	00	0	0	—	13.6	26	13	-5	0
Bahariya	90	3	15	02	2	6	AC	15.2	22	36	6	0
Farafra	110	8	7	01	2	3	AC	13.9	22	21	-1	0
Dakhla	160	9	15	01	1	3	Ci	13.6	24	8	-12	0
Kharga	00	0	15	00	1	0	—	14.0	25	11	-8	0
Suez	00	0	15	01	0	0	—	16.6	20	33	3	0
Tor	90	2	15	02	0	0	—	16.0	17	60	9	0
Hurghada	00	0	12	02	0	0	—	16.4	16	42	3	0
Quseir	330	9	15	01	1	2	Ci	16.4	21	57	12	0

At 0600 on Sunday 15th February, 1953

Station	Wind 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
Salûm	200	30	7	07	2	8	AS	6.7	-10.0	20	27	+8	20	+11	17	-6	0	16	
Sidi Barâni	180	25	2	07	2	7	AC	8.0		22	25		19		9	-12	0	92	
Matrûh	150	20	6	07	0	3	AC	11.4	-5.3	21	21		15		44	8	0	37	
El Dab'a	100	10	15	02	1	4	Cu	14.4		14	20		10		48	3	0	75	
Alexandria	130	12	50	01	1	3	AC	15.0	-2.5	14	24	+5	12	+1	55	5	0	91	158
Alex (Airport)	120	5	18	03	0	1	AC	15.2	-2.4	13	24	+5	12	+2	67	7	0	89	123
Damietta	110	2	7	10	0	0	—	16.6	0.0	16	21	+3	14	+5	88	14	0	28	81
Port Saîd	120	7	10	01	0	0	—	16.3	-1.2	17	19	+1	14	+2	77	13	0	42	
El Arish	00	0	18	02	0	0	—	17.1	-0.3	15			8		45	3	0	11	
Damanhur	130	9	7	02	0	0	—	15.2	-1.4	13	27	+6	9	+1	67	7	0	25	73
Mansûra	90	3	35	00	0	0	—	15.9	-0.8	13	25	+4	10	+2	67	7	0	26	35
Tanta	130	2	35	02	0	0	—	15.2	-1.9	12	25	+4	10	+3	63	5	0	7	28
Zagazig	00	0	35	00	0	0	—	15.2	-2.2	14	26	+6	9	+2	67	8	0	15	18
Ismailia	140	2	35	01	0	0	—	16.3		17	28		10		42	4	0	20	
Cairo (Airport)	140	5	18	00	0	0	—	15.2		19	29		14		23	-3	0	4	
Almaza	40	2	12	00	0	0	—	15.2	-3.2	16	29	+8	14	+5	36	1	0	7	
Ezbekiya	00	0	10	00	0	0	—	15.6	-1.9	14	28	+7	9	+1	48	3	0	14	16
Giza	00	0	10	00	0	0	—	15.7	-1.7	12	28	+7	7?	+1	67	6	0	42	17
Helwan	00	0	7	05	0	0	—	15.9	-2.1	20	26	+6	17	+8	17	-6	0	3	18
Fayum	00	0	35	02	0	0	—	16.2	-1.3	15	27	+5	9	+2	48	4	0	13	5
Minya	00	0	10	02	1	0	—	16.4	-3.3	16	29	+7	9	+4	56	7	0	1	
Asyut Manqabad	90	2	10	02	0	0	—	16.0	-2.8	15	30	+9	14	+8	36	0	0	2	
Nag Hammadi	00	0	3	00	0	0	—	16.3	-1.2	14	27	+4	10	+5	55	5	0	0.1	
Qena	320	1	35	00	0	0	—	16.2	-0.8	20	32	+7	11	+3	33	3	0	1	
Luxor											29								
Aswan	20	1	50	01	1	2	Ci	15.0	-2.8	19	32	+7	15	+4	37	4	0	0.1	
Siwa																			6
Bahariya	00	0	35	02	2	0	—	15.4	-2.8	20	31	+9	13	+7	46	8	0	dr.	6
Farafra	00	0	35	03	0	2	Ci	14.6		14	31		10		36	-1	0	0	
Dakhla	90	11	50	00	0	0	—	14.7	-1.5	12	32	+8	10	+4	21	-10	0	0	
Kharga	00	0	35	00	0	0	—	14.3	-3.7	18	31	+7	13	+6	37	3	0	0	
Suez	00	0	35	00	0	0	—	16.2	-0.7	13	27	+6	7	-3	67	7	0	31	11
Tor	40	5	35	02	0	0	—	16.2	-0.5	16	25	+4	11	+1	42	3	0	Rain	10
Hurghada	250	5	18	02	0	2	Ci	15.5	-1.9	13	24	+4	14	+5	22	-4	0	dr	
Quseir	330	5	15	03	1	4	AS	14.6	-1.3	19	24	+1	17	+2	37	4	0	8	4
Port Sudan	340	5	30	01	2	4	Cu			25	28		24		65	18	0		
Wadi Halfa	360	2	30	03	0	4	Ci	13.4		17	33		13		28	-2	0		
Abu Hamad	20	2	30	03	0	5	Ci			22	35		18		41	8	0		
Kareima	50	3	30	03	0	1	Ci	11.4		21	35		19		38	6	0		
Atbara	20	6	30	03	0	1	Ci	9.4		22	35		18		50	11	0		
Khartoum	360	5	30	02	0	0	—	9.7		22	36		19		50	11	0		
Kassala	40	10	30	02	1	3	Ci	7.6		25	36		19		70	19	0		
	160	2	30	03	1	6	AC	8.3		27	40		23		27	6	0		
	00	0	30	02	4	3	AC,Ci	5.3		29	41		19		33	11	0		

UPPER AIR OBSERVATIONS

14th
77 +12
61 -1
70 +3
29 -22

15th 4.5

Aeroplane Ascent — At — Remarks

RAWINSONDE — Cairo Airport — On 14th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	140	26		60	12
950					
900					
850	1547	16		70	11
800					
700	3167	6		350	13
600					
500	5830	-12			
400	7510	-22			
300	9563	-38			

UPPER WIND OBSERVATIONS on 14th

Height m	Alex. A.P. (14) Dir	Vel	Port Said (14) Dir	Vel	El Arish (14) Dir	Vel	Almaza (14) Dir	Vel	Minya (14) Dir	Vel	Asyut (14) Dir	Vel	Aswan (14) Dir	Vel	Dakhla (14) Dir	Vel	Kharga (14) Dir	Vel	Luxor (14) Dir	Vel	Farafra (14) Dir	Vel	Port Said (20) Dir	Vel	Minya (20) Dir	Vel
300	120	9	60	16	20	11	40	13	310	6	350	1	350	13	40	12	40	5	350	9	130	12	90	31	60	14
600	120	10	70	10	120	7	60	15	40	4	330	3	360	7	210	30	40	7	350	9	140	9	110	17	70	19
1000	140	14	90	11	150	5	80	16	10	4	300	3	20	7	130	10	50	6	330	7	140	11	110	16	70	22
1500	160	10	100	8	140	5	100	8	20	10	30	11	40	9	120	12	40	8	60	10	150	7	100	20	90	27
2000	200	9	20	3	170	4	40	13	20	10	360	20			110	10	30	14	20	21	160	13	50	19	180	22
3000			20	14	220	7	320	12			340	21			210	8			340	18						
4000					260	13	310	32			340	23							200	12						
5000					290	15					300	27														
6000					290	30																				
7000					290	35																				
8000					280	49																				

UPPER WIND OBSERVATIONS on 15th

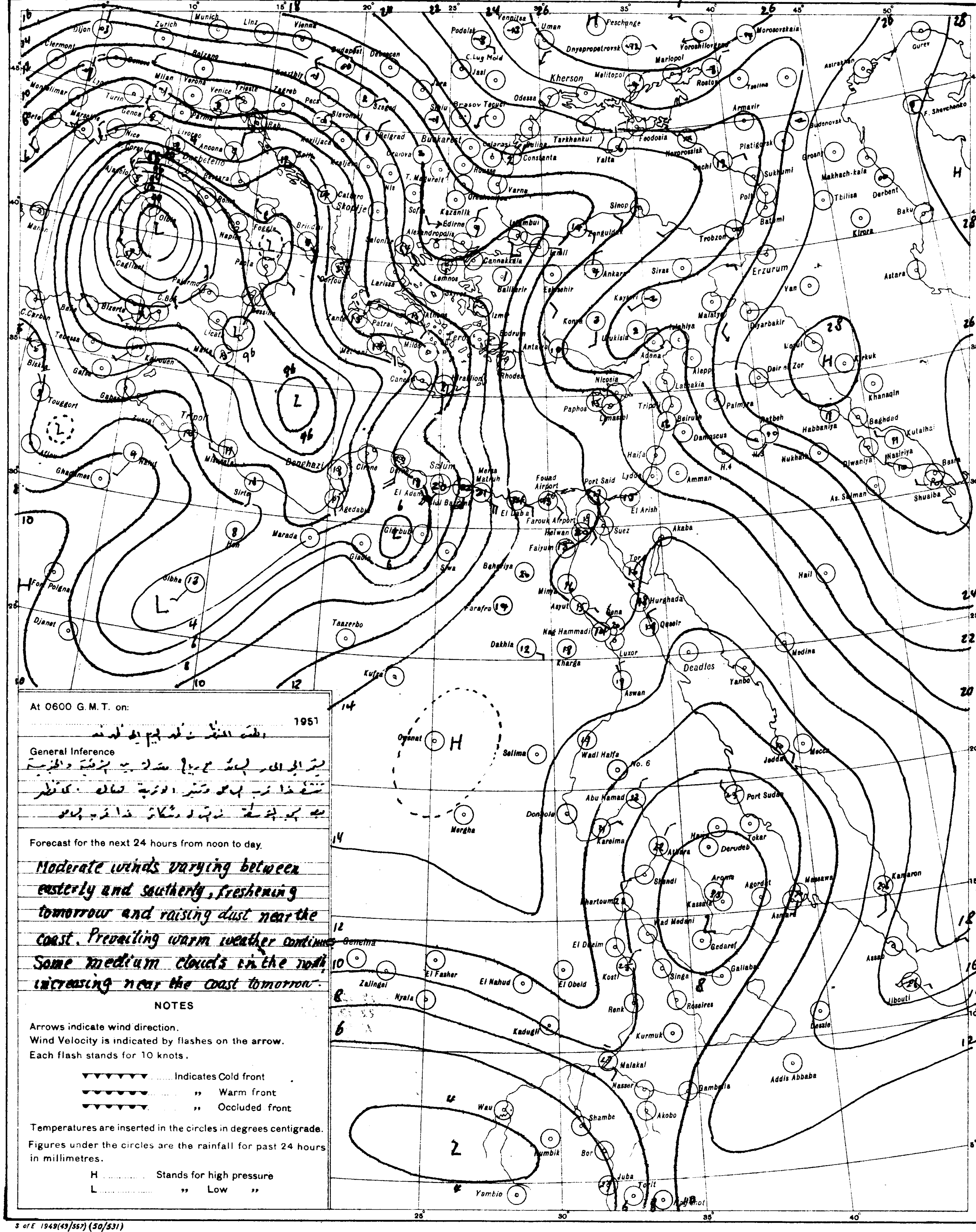
Height m	Sidi Barâni Dir	Vel	Matrûh Dir	Vel	Alex. Airport Dir	Vel	Port Saîd (8) Dir	Vel	El Arîsh (8) Dir	Vel	Helwan Dir	Vel	Minya (8) Dir	Vel	Asyut Manqabad (8) Dir	Vel	Luxor Dir	Vel
300							140	10	100	9			150	27	140	9		
600							140	10	160	6			160	14	140	11		
1000							120	8	70	6			120	10	120	8		
1500							130	9	100	10			70	12	60	13		
2000							130	6	40	3			70	8	60	12		
3000															330	14		
4000													330	25				
5000																		
6000																		
7000																		
8000																		

Height m	Sîwa Dir	Vel	Bahariya (8) Dir	Vel	Dakhla (8) Dir	Vel	Kharga (8) Dir	Vel	Wadi Halfa (4) Dir	Vel	Abu Hamad Dir	Vel	Kareima (4) Dir	Vel	Khartoum (4) Dir	Vel	Kassala Dir	Vel	(4) Dir	Vel
300			260	19	120	7	210	3	80	3										
600			260	22	130	17	130	8	90	12			70	22	30	6			30	24
1000			270	11	120	15	110	11	90	20			60	22	30	5			50	25
1500			270	13	50	10	80	20	80	43			40	20	30	13			50	22
2000			270	16			50	16	50	15					50	2				
3000							10	19	30	19			80	4	310	5			80	16
4000															360	12				
5000									310	5					1?0	13				
6000									330	4					110	7				
7000															100	8				
8000																				

Remarks:
4- All times are G.M.T.

Note: All times are G.M.T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 15 - 2 1952



At 0600 G.M.T. on: 1951

[illegible]

General Inference

[illegible]

Forecast for the next 24 hours from noon to day.

Moderate winds varying between easterly and southerly, freshening tomorrow and raising dust near the coast. Prevailing warm weather continues. Some medium clouds in the north increasing near the coast tomorrow.

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

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

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

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

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

LIBRARY
WEATHER BUREAU

CAIRO
Time of Sunrise 04 35 G.M.T.
" " Sunset 15 44 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 16th February, 1952 3

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	180	13	7	05	2	7	AS	5.2	33	12	0
	303	SÎDI BARÂNI	180	26	0.7	31	3	8	AS, Ci	5.4	31	9	6
	306	MATRÛH	160	19	1.5	07	2	8	AS	9.1	27	19	1
	309	EL DAB'A	20	11	15	03	2	7	St	12.4	30	16	1
		ALEXANDRIA	130	10	50	03	2	6	Ci	13.2	28	22	4
	318	FOUAD (Airport) Alex	130	5	18	02	0	1	AC	13.7	28	23	5
	330	DAMIETTA	140	2	35	00	0	0	—	14.8	24?	32	6
	333	PORT SA'ÎD	60	6	30	02	0	0	—	15.7	[illegible]?	44	11
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	180	5	15	02	0	0	—	15.1	30	25	8
	342	MANSURA	140	5	35	00	0	0	—	15.0	29	23	6
	348	TANTA	00	0	35	02	0	0	—	14.7	29	29	9
	354	ZAGAZIG	00	0	35	02	0	0	—	15.5	31	28	10
	440	ISMA'ILIA	180	2	35	02	0	0	—	15.1	31	17	3
Cairo Area	366	FAROUK (Airport) Cairo	00	0	10	00	0	0	—	14.3	30	16	1
	372	ALMAZA	290	5	6	06	2	0	—	14.3	29	27	8
		EZBEKIYA	00	0	30	00	0	0	—	14.0	31	21	6
		GIZA	00	0	30	00	0	0	—	14.3	33	21	8
	378	HELWÂN	220	2	35	02	0	0	—	14.6	29	14	-1
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	14.6	30	25	8
	387	MINYA	230	2	12	02	0	0	—	14.0	31	18	4
	393	ASYÛT MANQABÂD	120	4	15	02	0	0	—	13.1	31	4	16
	399	NAG' HAMMADI	140	2	15	00	0	0	—	13.8	31	17	3
	402	QENA	180	1	50	00	0	0	—	13.1	31	31	12
	405	LUXOR	290	8	30	00	0	0	—	12.6	30	21	5
	414	ASWÂN	00	0	50	00	0	0	—	11.2	33	12	0
Oases	417	SÎWA	180	16	9	02	2	7	NS	10.6	32	13	0
	420	BAHARÎYA	180	2	35	02	1	3	AC	13.0	34	32	15
	423	FARAFRA	200	3	35	01	1	1		13.1	33	15	-5
	432	DAKHLA	140	9	50	00	0	0	—	12.6	32	7	-9
	435	KHARGA	00	0	35	00	0	0	—	12.4	32	15	2
Red Sea	450	SUEZ	00	0	50	02	0	0	—	14.8	26	18	0
	459	TÔR	220	2	35	02	0	0	—	15.1	24	38	9
	462	HURGHÂDA	00	0	30	02	0	0	—	14.8	24	54	14
	465	QUSEIR	360	5	15	01	1	0	—	15.0	24	61	16
	641	PORT SÛDÂN	360	10	10	25	2	8	Sc, Cc	10.8	27	70	21
North Sûdân	600	WÂDI HALFA	50	10	30	02	0	0	—	8.8	33		
	640	ABU HAMAD	90	3	10	05	1	1	Ci		33	21	8
	660	KAREIMA	70	7	30	03	0	1		6.6	33	26	11
	680	'ATBARA	90	8	10	08	1	0	—	3.9	35	23	11
	721	KHARTÛM	60	8	30	02	0	0	—	4.4	34	25	11
	730	KASSALA											
Central Sûdân	751	WÂD MEDANI	360	5	35	02	0	0	—	2.3	36	19	9
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	2	Cu		40	17	11
	771	EL OBEID	40	8	30	02	0	0	—	3.9	32	21	7
	760	EL FÂSHER											
	770	GENEINA	90	10	30	02	0	0	—		35	12	2
S. Sûdân	840	MALAKÂL	330	2	30	02	0	0	—	1.4	39	16	9
	880	WÂU	90	9	10	04	1	3	AC	1.3	39	15	8
	941	JUBA	70	8	30	03	1	5	Cu, AC	998.2	41	11	5

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	180	8	15	03	2	8	AS	5.8	28	12	-4	0
SÎDI BARÂNI	170	19	10	05	6	8	Sc, AS	6.6	25	11	-8	dr.
MATRÛH	90?	7	13	02	2	8	AS, Ci	10.8	23	34	6	0
EL DAB'A	270?	13	7	03	2	8	St	12.7	22	11	-10	0
ALEXANDRIA	130	10	35	02	2	8	Cc	13.8	23	44	10	0
FOUAD (Airport)	00	0	12	02	2	6	AC, Ci	13.8	20	60	12	0
DAMIETTA	140	2	7	00	0	0	—	14.0	19	64	12	0
PORT SA'ÎD	90	16	14	01	0	0	—	15.1	17	83	14	0
EL 'ARISH	00	0	14	02	0	0	—	15.4	17	49	6	0
DAMANHUR	00	0	15	02	0	0	—	14.6	18	52	8	0
MANSURA	40	9		00	0	0	—	13.6	18	60	10	0
TANTA	00	0	35	02	0	0	—	14.4	20	56	11	0
ZAGAZIG	00	0	35	02	0	0	—	13.8	21	50	10	0
ISMA'ILIA	00	0	35	02	0	0	—	15.0	21	33	4	0
FAROUK (Airport)	110	9	12	02	0	2	Ci	13.6	25	28	5	0
ALMAZA	130	11	10	02	1	1	Ci	13.6	25	22	2	0
EZBEKIYA	00	0	12	00	0	0	—	14.0	21	57	12	0
GIZA	00	0	12	00	0	0	—	13.9	18	64	11	0
HELWÂN	320	4	7	02	0	8	Cs	14.2	25	11	-8	0
FAIYÛM	00	0	35	02	0	0	—	13.5	21	50	10	0
MINYA	00	0	8	02	0	0	—	14.2	20	41	6	0
ASYÛT MANQABÂD	100	2	10	02	0	0	—	13.5	24	28	4	0
NAG' HAMMADI	00	0		00	0	0	—	14.4	20	46	8	0
QENA	00	0	7	00	0	0	—	13.9	20	46	8	0
LUXOR	50	8	12	00	0	0	—	14.0	22	27	2	0
ASWÂN	00	0	50	00	0	0	—	12.3	29	14	-1	0
SÎWA												
BAHARÎYA	90	2	15	02	1	2	AC	13.1	25	34	8	0
FARAFRA	140	5	7	02	1	3	Ci	12.0	23	12	-8	0
DAKHLA	90	4	15	00	0	0	—	12.7	25	11	-8	0
KHARGA	00	0	15	00	0	0	—	12.6	25	11	-8	0
SUEZ	00	0	15	02	0	0	—	14.8	20	46	8	0
TÔR	00	0	15	02	0	0	—	15.4	19	64	12	0
HURGHÂDA	00	0	12	01	0	0	—	15.1	20	64	13	0
QUSEIR	40	2	15	02	0	0	—	15.7	22	74	17	0

At 0600 on Monday 16th February, 1953

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	320	19	7	03	2	8	Cs	12.0	-4.7	16	33	+14	16	+7	68	10	0	16	
SÎDI BARÂNI	320	15	12	02	2	8	AS	11.4		16	32		16		72	11	dr.	92	
MATRÛH	280	17	12	06	3	8	AS	10.8	-5.9	18?	28		18		78	14?	0	37	
EL DAB'A	70	10	15	03	2	8	St	9.5		18?	31		14?		24	-3?	0	75	
ALEXANDRIA	130	15	50	02	2	8	AS	11.0	-6.5	20	28	+9	16	+5	33	3	0	91	159
FOUAD (Airport) Alex	00	0	18	02	2	8	AS	11.7	-5.8	17	28	+9	16	+6	52	7	0	89	124
DAMIETTA	140	2		03	2	8	Sc	12.3	-4.3	17	25?	+7	15	+6	60	9	0	28	82
PORT SA'ÎD	140	12	14	02	2	7	AS	13.4	-4.0	18	24?	+6	16	+4	46	6	0	42	
EL 'ARISH	150	2	18	03	2	8	AC, Ci	13.6	-3.8	17	30		13		37	2	0	11	
DAMANHÛR	180	9	15	02	2	7	AC	12.8	-3.8	13	31	+10	10	+2	77	9	0	25	73
MANSÛRA	140	5	15	03	2	8	St	12.4	-4.3	15	30	+8	13	+5	59	7	0	26	36
TANTA	200	2	15	03	2	8	AS	12.2	-4.9	18	30	+9	12	+5	37	3	0	7	28
ZAGAZIG	00	0	35	02	1	7	Sc	12.2	-5.1	17	32	+11	14	+7	60	9	0	15	18
ISMAÎLIA	160	5	35	03	2	8	AS	12.6		19	33		15		52	9	0	20	
FAROUK (Airport) Cairo	00	0	8	05	1	8	AC, Cs	13.3		21	31		20		28	2	0	4	
ALMÂZA	200	11	12	02	2	7	AC	12.8	-5.6	23	31	+10	21	+12	32	5	0	7	
EZBEKÎYA	00	0	8	03	2	8	Cu, AC	13.0	-4.5	18	32	+11	16	+8	34	2	0	14	17
GÎZA	00	0	8	03	2	8	Cu, AC	13.4	-4.0	17	34	+13	14	+8	42	4	0	42	17
HELWÂN	00	0	7	02	2	8	AC	13.5	-4.5	18	31	+11	18	+9	28	-1	0	3	18
FAIYÛM	00	0	35	03	2	8	AS	14.2	-3.2	16	32	+10	14	+7	49	5	0	13	6
MINYA	160	2	8	03	0	3	AC	14.8	-4.8	16	32	+10	12	+7	56	7	0	1	
ASYÛT MANQABÂD	00	0	8	10	1	6	AS	15.2	-3.5	16	32	+10	13	+7	36	1	0	2	
NAG' HAMMÂDI	00	0	3	03	2	5	AS	15.1	-2.4	15	35	+12	10	+5	77	11	0	0.1	
QENA	00	0	15	03	1	4	Ci	15.0	-1.9	19	33	+8	10	+2	52	9	0	1	
LUXOR	50	3	30	02	1	3	Ci	14.6	-2.7	17	32		12		37	2	0	1	
ASWÂN	00	0	50	00	0	0	—	14.4	-3.4	21	35	+10	17	+6	41	7	0	0.1	
SÎWA																			6
BAHARÎYA	180	2	35	02	2	5	Ci	14.6	-3.6	23	34	+12	16	+10	38	8	0	dr.	6
FARAFRA	00	0	15	03	2	4	Ci	14.4		14	35		10		27	-5?	0	0	
DAKHLA	00	0	50	00	0	0	—	15.2	-3.5	15	34	+10	11	+4	11	-15?	0	0	
KHARGA	00	0	7	02	2	1	Ci	14.3	-3.6	18	33	+9	15	+8	46	6	0	0	
SUEZ	180	3	35	00	0	7	Cu	13.3	-3.6	19	29	+8	11	+1	64	12	0	31	11
TÔR	40	5	35	03	1	4	Ci	14.6	-2.0	16	26	+5	13	+3	49	5	0	Rain	11
HURGHADA	00	0	14	03	0	3	Cs	15.2	-2.1	20	26	+6	13	+3	38	5	0	dr	
QUSEIR	310	5	15	02	0	0	—	14.2	-1.6	20	25	+2	18	+3	41	6	0	8	4
PORT SÛDÂN	340	11	30	01	1	5	Sc	12.8		26	28		23		79	22	dr.		
WÂDI HALFA	00	0	30	02	0	0	—	11.9		19	34		16		32	2	0		
ABU HAMAD	90	2	30	02	0	0	—			23	35		20		61	15	0		
KAREIMA	70	5	30	02	0	0	—	9.9		23	34		19		69	17	0		
'ATBARA	30	5	30	02	0	0	—	9.1		23	37		19		57	14	0		
KHARTÛM	360	6	30	02	0	0	—	7.8		25	35		20		51	14	0		
KASSALA																			
WÂD MEDANI																			
RENK																			
ROSEIRES	230	2	35	02	0	0	—			29	41		24		43	15	0		
EL OBEID	360	2	30	02	0	0	—	8.4		22	35		17		44	9	0		
EL FÂSHER	00	0	30	02	0	0	—			15	35		12		30	-3	0		
GENEINA	40	15	30	02	0	0	—			21	37		19		21	-2	0		
MALAKÂL	180	3	30	03	1	3	AC	7.1		27	40		23		33	9	0		
WÂU	360	5	10	04	0	1	AC	5.9		26	40		23		45	13	0		
JUBA	00	0	30	03	0	1	AC	6.3		29	42		20		40	14	0		

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	46	-19
Ezbekiya	47	-15
Giza	60	-7
Helwân	13	-38

GÎZA
GRASS MINIMUM TEMP.
ON 16th 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

Cairo (~~Farouk~~) AIRPORT — On 15th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	113	30		00	0
950					
900					
850	1533	20		00	0
800					
700	3166	7		00	0
600					
500	5830	-13		280	24
400	7494	-24		270	44
300	9539	-38		280	62

AIRPORT — On At

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

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 15th

Station			Alex.A.P		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Farafra		Dakhla		Kharga		Hurghada	
Time			14		14		14		14 45		14		14		14 45		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			120	13	110	7	40	6	30	7	190	4	140	5	10	13	110	8	140	18	140	14	120	7	90	9
600			170	15	140	5	100	11	60	16	110	6	160	5	70	10	80	9	150	16	140	14	100	1	140	3
1000			180	17	120	10	110	15	80	15	100	12	110	9	60	16	40	5	160	13	160	10	80	9	100	11
1500			210	14	130	7	60	7	120	17	90	13	70	16	80	19	40	7	180	15	120	21	110	20	100	12
2000					100	6	50	12	130	9	90	15	70	17	50	15	50	13	160	9	110	16			70	11
3000							320	9	90	16															40	24
4000							320	17	270	6																
5000									260	19																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8				2		4				7		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	320	19			190	23	30	21			170	11	340	6	120	10					90	5	90	17
600	310	23			200	21	30	19			180	29	350	4	140	20					120	13	100	20
1000	280	24			200	23	40	21			190	24	160	6	130	13					140	16		
1500	270	19			200	21	60	17			200	38	170	6	140	13					160	21		
2000	250	18			200	23					210	18	180	4	120	8					130	10		
3000													170	4							80	7		
4000																					290	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		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	19	120	9	140	7	80	7														
600			110	19	140	20	140	21	120	13	90	19	70	21	90	21							60	12
1000			110	26	160	27	140	26	130	13	90	23	80	21	80	26							40	20
1500			120	23	190	16	150	11	80	21	80	21	50	20	70	19							50	20
2000			130	27	160	23	100	16																
3000							70	10	360	11	10	12	20	11	10	7					40	18	110	5
4000																								
5000									30	19	300	10	330	5							50	20	170	5
6000									360	31	30	18			10	12					20	16		
7000																								
8000											340	28									60	30		

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

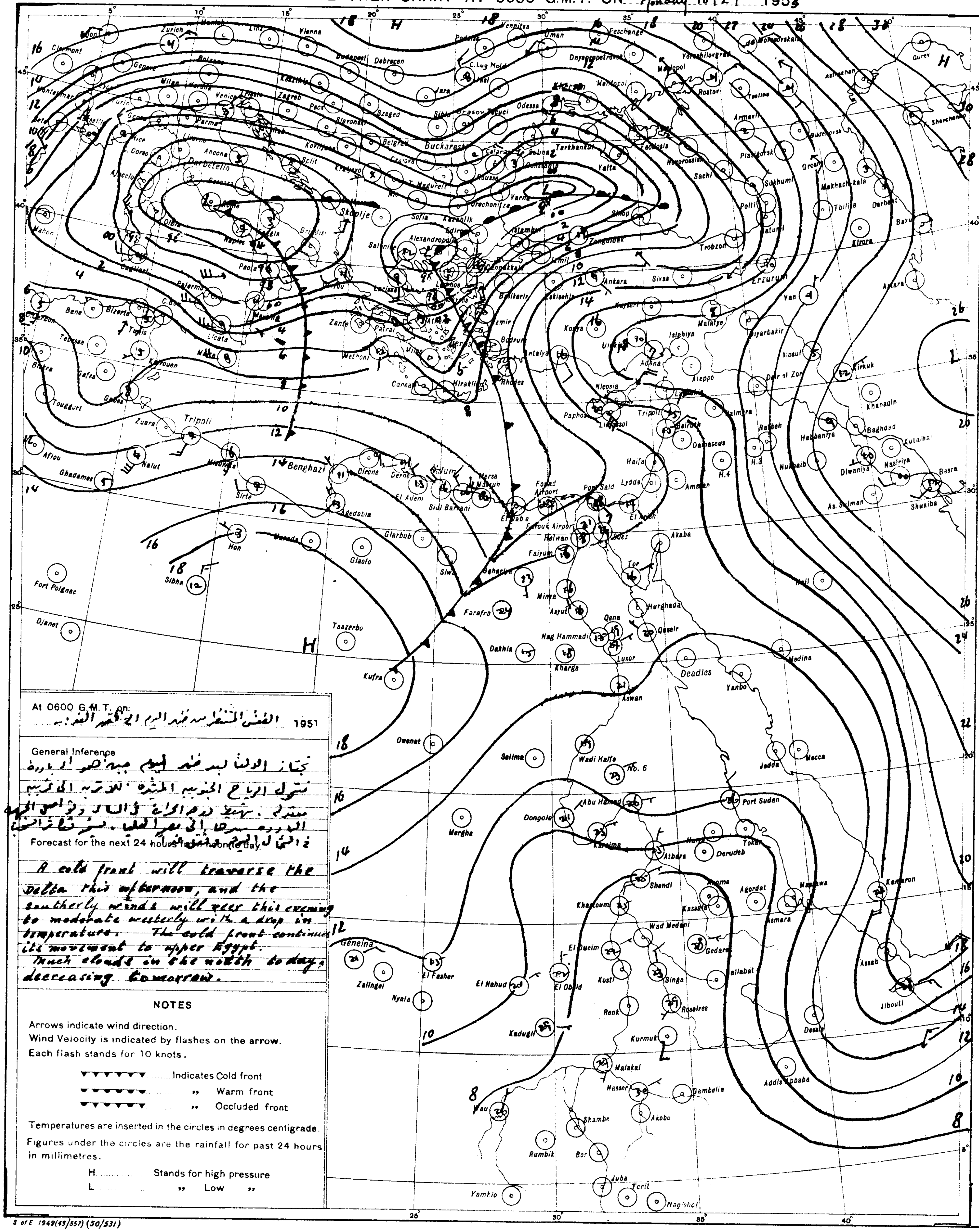
Note: All times are G.M.T.

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 16/2/* 1953



At 0600 G.M.T. on: الطقس المنتظر بعد ظهر اليوم الى ظهر الغد 1951

General Inference

تجتاز الدلتا بعد ظهر اليوم جبهة هواء باردة
تتحول الرياح الجنوبية المثيرة للاتربة الى غربية
معتدلة . ويهبط درجة الحرارة في المساء وتواصل الجبهة
الباردة سيرها الى مصر العليا . سحب كثيرة في الشمال
اليوم تقل غداً

Forecast for the next 24 hours from noon to-day.

A cold front will traverse the Delta this afternoon, and the southerly winds will veer this evening to moderate westerly with a drop in temperature. The cold front continues its movement to upper Egypt. Much clouds in the north today, decreasing tomorrow.

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.
H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1.15,000,000

LIBRARY
WEATHER BUREAU

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

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

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 17th February, 1952 3

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.	Rain past 12 hrs mms
Mediterranean	62300	SALUM	320	11	35	03	2	7	As	13.3	19	37	4	0
	303	SIDI BARANI	320	11	14	02	2	7	AC	13.4	17	60	9	0
	306	MATRUH	310	13	12	02	2	8	AC	11.9	17	60	9	0
	309	EL DABA	290	9	15	03	2	8	St	11.9	19	64	12	0
		ALEXANDRIA	220	11	50	02	2		AC	12.0	21	33	4	0
	318	Fayid (Airport)	250	5	8	07	2	8	AC	11.6	22	33	5	0
	330	DAMIETTA	140	2	7	02	2	8	Sc	12.8	23	61	15	0
	333	PORT SA'ID	160	11	30	02	2	8	As	12.6	22	57	13	0
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR	270	5	15	02	2	8	As	12.2	24	38	9	0
	342	MANSURA	220	5	15	03	2	8	St	12.4	24	38	9	0
	348	TANTA	220	8	7	03	2	8	St	12.0	25	54	15	0
	354	ZAGAZIG	00	0	50	02	2	8	Sc	12.2	25	42	11	0
	440	ISMA'ILIA	160	2	35	02	2	8	As	12.7	24	38	9	0
Cairo Area	366	Cairo (Airport)	220	25	15	07	2	8	AC	13.0	30	27	9	0
	372	ALMAZA	180	23	6	05	2	8	AC	12.7	27	27	5	0
		EZBEKIYA	250	6	14	06	2	8	As	12.5	26	28	6	0
		GIZA	250	6	14	06	2	8	As	12.2	26	32	8	0
	378	HELWAN	160	8	7	02	2	8	As	13.3	26	25	4	0
Upper Egypt	381	FAIYUM	00	0	35	02	2	8	As	12.6	25	42	11	0
	387	MINYA	170	4	8	02	2	8	AC	13.1	25	48	13	0
	393	ASYUT MANQABAD	80	5	8	10	2	8	Cs	13.0	28	29	8	0
	399	NAG' HAMMADI	00	0	7	02	0	4	Ac, Ci	12.6	32	28	11	0
	402	QENA	320	1	50	02	1	3	Ci	12.3	33	28	12	0
	405	LUXOR	270	7	30	02	1	4	Ci	11.1	33	28	12	
	414	ASWAN	110	3	50	01	1	2	Ci	9.9	35	23	11	0
Oases	417	SIWA	350	11	6	06	2	8	St	14.0	22	36	6	
	420	BAHARIYA	180	3	35	03	2	8	As	12.2	30	35	13	0
	423	FARAFRA	160	2	35	02	2	7	Ci	13.1	32	10	-3	0
	432	DAKHLA	360	4	35	03	2	7	Ci	12.3	30	16	1	0
	435	KHARGA	00	0	7	06	1	2	Ci	12.2	32	28	11	0
Red Sea	450	SUEZ	180	3	50	02	0	7	Cu	13.4	23	50	12	
	459	TOR	90	2	15	03	2	8	Cs	13.2	26	74	21	0
	462	HURGHADA	50	4	18	02	0	5	Ci	13.8	26	70	20	0
	465	QUSEIR	20	5	15	03	2	7	Ci	13.2	25	48	13	0
	641	PORT SUDAN												
North Sudan	600	WADI HALFA	160	9	30	02	0	1	Ci	8.6	34	29	13	
	640	ABU HAMAD	90	1	15	05	0	0	—		35	23	11	
	660	KAREIMA		4	30	02	0	0	—	5.7	34	29	13	
	680	ATBARA	320	2	30	02	0	0	—	3.1	35	23	11	
	721	KHARTUM	10	3	30	02	0	0	—	2.6	37	20	11	
	730	KASSALA												
Central Sudan	751	WAD MEDANI												
	861	RENK												
	802	ROSEIRES	230	2	35	01	0	0	—	999.1	42	14	9	
	771	EL OBEID	90	2	30	02	0	0	—	1.8	37	17	8	
	760	EL FASHER												
	770	GENEINA	20	10	30	02	0	0	—		35	6	-9	
S. Sudan	840	MALAKAL	110	3	30	03	0	1	Cu	1.4	39	16	9	
	880	WAU	90	9	10	04	0	1	Cu		39	18	11	
	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
SALUM	320	9	15	03	2	8	As, Ci	15.2	16	49	5	0
SIDI BARANI	320	8	14	01	2	3	Cs	15.5	15	59	7	0
MATRUH	300	13	12	02	2	6	Ci	15.5	16	64	9	0
EL DABA	340	4	7	03	2	8	St	15.4	16	68	10	0
ALEXANDRIA	360	16	35	02	5	8		14.4	16	77	12	dr.
Fayid (Airport)	330	11	10	02	2	8	AC	14.7	16	82	13	0
DAMIETTA	200	2		02	2	8	Sc	13.8	[illegible]	[illegible]	13	0
PORT SA'ID	180	13	14	02	2	8	AC	12.8	20	69	14	0
EL 'ARISH												
DAMANHUR	310	9	15	02	2	8	As	13.5	17	77	13	0
MANSURA	340	9		03	2	8	St	13.9	20	46	8	0
TANTA	00	0	7	03	2	8	St	13.8	19	83	16	0
ZAGAZIG	00	0	35	02	2	8	Sc	13.8	22	50	11	0
ISMA'ILIA	00	0	35	02	2	8	As	13.4	21	50	10	0
Cairo (Airport)	220	14	12	02	2	8	AC	12.9	26	42	12	0
ALMAZA	180	11	10	02	2	8	AC	12.6	26	32	8	0
EZBEKIYA	00	0	10	02	4	8	As	12.4	24	38	9	0
GIZA	00	0	10	02	4	8	As	12.7	22	50	11	0
HELWAN	110	4	7	02	2	8	As	13.6	24	32	11	0
FAIYUM	00	0	35	02	2	8	As	13.9	20	64	13	0
MINYA	310	6	8	02	2	8	As	13.7	19	64	12	0
ASYUT MANQABAD	170	3	8	02	2	6	Cs	12.8	25	34	8	0
NAG' HAMMADI	00	0		02	0	5	As	13.0	22	65	15	0
QENA	00	0	7	02	1	3	Ci	12.5	25	54	15	0
LUXOR												
ASWAN	00	0	15	00	0	0	—	11.5	30	25	8	0
SIWA												
BAHARIYA	00	0	15	02	2	6	As	13.1	23	38	8	0
FARAFRA	40	4	7	01	2	6	Ci	12.6	24	15	-5	0
DAKHLA	140	11	15	01	1	3	Ci	11.9	26	18	0	0
KHARGA	00	0	15	01	1	3	Ac	11.5	28	27	7	0
SUEZ	180	2	15	03	0	8	Cs	13.8	20	64	13	0
TOR	40	5	15	03	2	6	Cs	14.7	22	57	13	0
HURGHADA	00	0	10	02	1	4	As	14.5	22	74	17	0
QUSEIR	20	2	15	01	1	0	—	14.2	23	74	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 Tuesday 17th February, 1953

Station	Wind 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	5	7	03	2	8	As, Ci	14.3	-2.4	12	20	+1	11	+2	77	8	0	16	
SIDI BARANI	160	3	13	02	2	8	As, Cs	14.7		11	18		9		71	6	0	92	
MATRUH	60	8	12	02	2	8	As	14.6	-2.1	14			13	—	67	8	0	37	
EL DABA	20	13	15	03	2	8	St	16.3		15	21		14		68	9	0	75	
ALEXANDRIA	90	9	7	02	5	8	AC	16.6	-0.8	15	24	+5	15	+4	77	11	dr.	91	160
Fayid (Airport)	00	0	10	02	6	8	Sc, Ac	16.6	-0.9	15	24	+5	15	+5	82	12	dr.	89	125
DAMIETTA	320	2	15	50	8	8	Cu, Sc	17.5	+0.9	15	24	+6	14	+5	77	11	dr.	28	82
PORT SA'ID	360	10	6	05	2	8	As	16.9	-0.5	16	23	+5	16	+4	77	12	0	42	
EL 'ARISH	320	2	5	02	6	8	Sc, Cu	17.2	-0.1	16			15		88	14	0.2	12	
DAMANHUR	130	9	15	02	2	8	AC	16.0	-0.5	12	25	+4	9	+1	77	8	0	25	74
MANSURA	40	5	15	03	5	8	St	16.7	0.0	15	24	+3	13	+5	77	11	dr.	26	36
TANTA	00	0	7	03	2	8	St	16.3	-0.7	14	25	+4	13	+6	88	12	0	7	29
ZAGAZIG	00	0	35	02	2	8	Sc	16.6	-0.7	15	25	+4	14	+7	88	13	0	15	19
ISMA'ILIA	360	2	35	02	2	8	As	17.2		16	24		14		77	12	0	20	
Cairo (Airport)	70	10	8	05	2	8	As	16.3		15	30		15		82	12	0	4	
ALMAZA	60	15	12	02	2	8	As	16.2	-2.1	15	29	+8	15	+6	88	13	0	7	
EZBEKIYA			8	02	2	8	As	15.9	-1.5	16	26	+5	15	+7	77	12	0	14	17
GIZA			8	02	2	8	As	16.0	-1.4	16	26	+5	15	+9	77	12	0	42	17
HELWAN	20	13	15	02	2	8	As	15.8	-2.1	17	26	+6	16	+7	68	11	0	3	18
FAIYUM	20	4	35	02	2	8	As	15.6	-1.7	16	26	+4	14	+7	77	12	0	13	6
MINYA	330	8	8	03	2	8	AC	14.5	-5.1	18	26	+4	16	+11	68	12	0	1	
ASYUT MANQABAD	320	3	8	03	1	4	AC, Ci	14.5	-4.2	17	29	+7	16	+10	60	9	0	2	
NAG' HAMMADI	00	0		02	1	4	As	13.6	-3.8	18	33	+10	14	+9	73	13	0	0.1	
QENA	270	1	35	00	0	0	—	13.6	-3.2	24	35	+10	12	+4	38	9	0	1	
LUXOR	00	0	30	00	1	0	—	12.6	-4.7	20			16		56	11	0	1	
ASWAN	360	3	50	00	0	0	—	12.4	-5.3	24	36	+10	20	+9	32	6	0	0.1	
SIWA																			6
BAHARIYA	40	4	35	02	2	8	As	15.2	-2.9	16	30	+8	15	+9	68	10	0	dr.	6
FARAFRA	360	7	7	02	2	7	AC	14.3		17	34		15		52	7	0	0	
DAKHLA	340	9	50	00	0	0	—	13.6	-5.0	16	31	+7	11	+4	15	-11	0	0	
KHARGA	00	0	7	06	0	0	—	13.0	-4.8	23	33	+8	17	+10	38	8	0	0	
SUEZ	310	4	35	00	0	8	NS	16.8	0.0	17	27	+6	15	+5	77	13	0	31	11
TOR	110	2	15	03	2	8	As	15.5	-1.0	21	29	+7	17	+7	57	12	0	Rain	11
HURGHADA	300	10	18	02	0	0	—	14.5	-2.7	21	27	+7	18	+8	83	18	0	dr.	
QUSEIR	330	2	15	02	0	0	—	14.0	-1.7	22	28	+5	20	+5	74	17	0	8	4
PORT SUDAN	320	6	30	01	2	4	Sc	13.5		25	30		23		89	23	0		
WADI HALFA	360	1	30	01	0	0	—	10.6		21	36		18		47	9	0		
ABU HAMAD	90	1	15	05	0	0	—			24	37		21		47	12	0		
KAREIMA	60	3	30	05	0	0	—	8.6		24	36		23		57	15	0		
ATBARA	70	6	30	02	0	0	—	7.2		25	37		21		42	11	0		
KHARTUM	10	6	30	02	0	0	—	7.1		24	39		22		44	11	0		
KASSALA	100	6	30	02	0	0	—	5.7		29	41		20		40	14	0		
WAD MEDANI	50	5	7	02	0	0	—	6.1		25	40		21		54	15	0		
RENK	270	9	35	02	0	2	AC	7.6		27	41		23		45	14	0		
ROSEIRES																			
EL OBEID	360	7	30	02	1	0	—	6.7		24	37		20		41	10	0		
EL FASHER	00	0	30	02	0	0	—			20	35		16		35	4	0		
GENEINA	80	7	30	03	0	1	Ci			17	37		15		34	1	0		
MALAKAL																			
WAU																			
JUBA																			

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	on 16th	Diff. from norms
Alexandria	52	-13
Ezbekiya	30	-32
Giza	42	-25
Helwan	25	-26

GIZA GRASS MINIMUM TEMP. ON 17th 13.8 °C

Remarks

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE

Cairo Airport — On 16th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	123	26		220	14
950					
900					
850	1542	19		250	32
800					
700	3165	4		250	21
600					
500	5828	-8		250	56
400	7538	-17		250	65
300	9628	-34		250	65

Airport — On ... At ...

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

Airport — On ... At ...

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

UPPER WIND OBSERVATIONS on 16th

Station	Dakhla		Port Said		S. Barami		Minya		Asyut		Aswan		Almaza		Ala. A.P.		Kharga		Hurghada		Farafra	
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	40	10	190	17	310	14	180	14	120	7	80	4	190	10	330	19	180	3	130	15	200	9
600	50	7	200	17	310	16	220	16	150	3	50	4	200	17	300	20	170	3	150	10	190	14
1000	140	4	210	11	260	26	240	14	240	3	70	3	230	32	250	17	160	4	160	16	250	13
1500	220	4	230	9			210	8	220	2			350	14			120	13	160	16	220	13
2000	120	12	240	5			200	10	180	14							80	12			240	10
3000	50	4	250	10			270	10									10	14			250	15
4000							280	19									330	13			270	19
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 17th

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farafra	
Time	8		5		8				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	130	12	70	10	20	7			220	5	100	6	30	11	120	3							60	12
600	110	9	60	10	10	9			130	5	60	9	80	24	180	19							80	18
1000	240	5	30	8	310	10			300	8	330	11	80	25	180	20							80	13
1500	260	9	270	12					310	29	260	10	120	16	160	16							190	5
2000	240	5							280	34	170	10	110	10	150	8							190	10
3000	230	37							220	31	230	26			210	15								
4000															240	28								
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					130	7	50	6																
600					130	13	110	11																
1000					130	17	140	16																
1500					180	7	120	12																
2000					190	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.

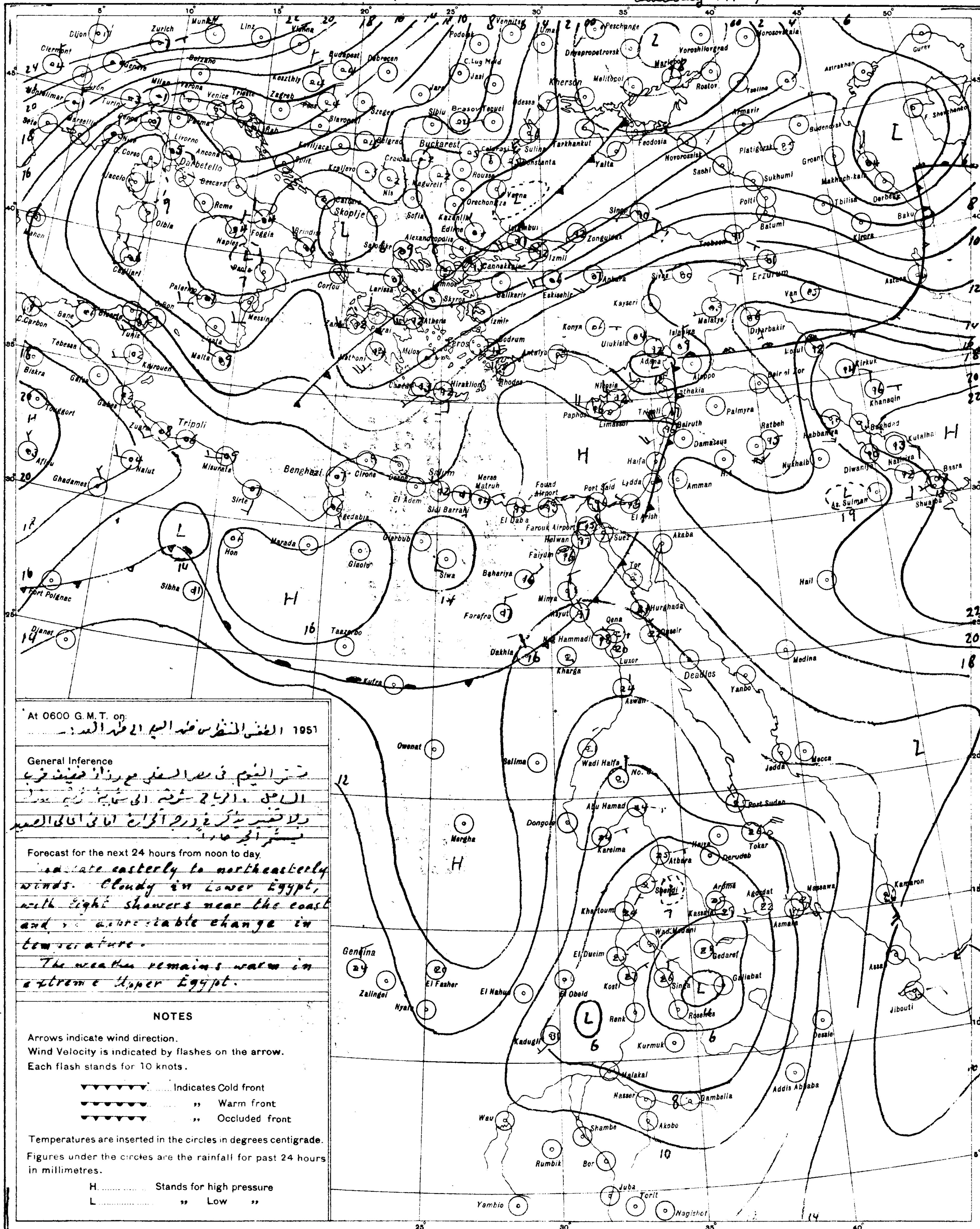
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(60/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Tuesday* 11/2/1952



At 0600 G.M.T. on: 1951 الطقس المنتظر من ظهر اليوم الى ظهر الغد :

General Inference

يستمر الغيوم في مصر السفلى مع رذاذ خفيف قرب السواحل والرياح شرقية الى شمالية شرقية معتدلة ولا تغيير يذكر في درجة الحرارة اما في اقاصي الصعيد فيستمر الجو حار .

Forecast for the next 24 hours from noon to day.

Moderate easterly to northeasterly winds. Cloudy in Lower Egypt, with light showers near the coast and no appreciable change in temperature.

The weather remains warm in extreme Upper Egypt.

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 33 G.M.T.

" " Sunset 15 46 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 18th February, 1952 3

At 1200 on Tuesday 17th / At 1800 on Tuesday 17th

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	90	5	7	03	2	8	As	14.3	17	60	9	270	5	15	03	2	8	CS	12.0	14	77	10	0
	303	SÎDI BARÂNI												120	3	14	01	2	4	CS	11.8	13	77	9	0
	306	MATRÛH	100	1	12	02	2	8	St, As	13.9	16	64	9	90	2	12	01	2	6	AC	11.4	12	82	9	0
	309	EL DABʿA	70	4	15	03	2	8	St	13.5	15	82	12	00	0	7	03	2	8	St	11.7	14	88	12	0
		ALEXANDRIA	130	11	7	05	5	8	As	13.9	16	77	12	00	0	35	02	5	8	AC	13.1	15	77	11	0.4
	318	Alex (Airport)	100	6	6	05	6	8	Sc, As	14.1	16	77	12	00	0	6	10	5	8	Sc, As	12.5	14	88	12	dr.
	330	DAMIETTA	160	2	1.5	02	2	8	Cu, Sc	15.1	17	68	11	110	2	1.5	02	2	6	Cu, Sc	12.6	16	88	14	0
	[illegible]	PORT SAʿÎD	60	1	5	05	2	8	As	14.5	16	82	13	40	1	15	05	2	8	As	13.8	16	88	14	0
	336	EL ʿARÎSH	40	2	10	02	2	8	AC	13.6	18	78	14	80	2	8	02	2	8	As	13.3	16	94	15	0
	[illegible]	DAMANHÛR	130	13	15	02	2	8	AC	13.1	17	68	11	130	9	15	02	2	8	AC	13.1	16	77	12	0
	[illegible]	MANSÛRA	40	5	15	03	2	8	St	13.5	17	68	11	360	5		03	2	8	St	13.8	16	77	12	0
	348	TANTA	00	0	7	03	2	8	St	13.6	17	77	13	00	0	7	03	2	8	St	13.6	16	88	14	0
	[illegible]	ZAGAZIG	00	0	50	02	2	8	Sc, Cu	14.0	18	73	13	00	0	35	02	2	8	Sc	13.5	16	88	14	0
	[illegible]	ISMAʿILIA	360	2	35	02	2	8	As	13.9	19	64	12	70	2	35	02	2	8	As	12.6	18	73	13	0
	[illegible]	Cairo (Airport)	70	9	10	02	2	8	AC	14.6	22	50	11	110	10	12	02	8	8	AC	13.1	17	77	13	dr.
		ALMAZA	20	9	13	02	2	8	AC	13.7	21	57	12	120	11	12	02	2	8	As	12.9	16	88	14	0
		EZBEKIYA	300	3	12	02	2	8	As	13.0	21	61	13	00	0	10	02	5	8	Cb, AC	13.2	16	82	13	dr.
		GIZA	300	3	12	02	2	8	As	13.4	20	64	13	00	0	10	02	5	8	Cb, AC	12.8	17	77	13	dr.
		HELWAN	110	4	3	05	2	8	As	13.3	22	50	11	40	8	3	50	5	8	As	12.7	19	78	15	dr.
	[illegible]	FAIYÛM	20	4	35	02	2	8	As	12.8	26	30	7	00	0	35	02	2	8	As	12.3	20	56	11	0
	[illegible]	MINYA	350	12	8	02	2	7	As, Cs	11.1	27	40	12	350	9	8	02	2	7	As, Cs	11.1	20	46	8	0
	[illegible]	ASYÛT MANQABAD	350	2	8	03	1	5	Ci	9.6	29	35	12	260	2	8	01	2	3	Ci	9.8	24	50	13	0
	[illegible]	NAGʿ HAMMADI	00	0	7	00	0	0	—	9.4	31	38	15	00	0	7	02	0	5		9.1	23	61	15	0
	[illegible]	QENA	00	0	50	03	1	2		9.5	35	37	18	00	0	7	02	1	3	Ci	9.1	25	47	13	0
	405	LUXOR	270	9	30	00	0	0	—	8.8	32	34	14												
	[illegible]	ASWÂN	200	2	50	01	1	2	Ci	7.9	34	32	15	00	0	15	00	0	0	—	7.9	29	35	12	0
OASES	[illegible]	SIWA												20	4	6	05	5	8	St, As	11.1	17	56	8	dr.
	[illegible]	BAHARÎYA	40	3	35	02	2	4	AC	12.4	28	45	15	20	2	15	02	1	4	AC	12.0	23	50	12	0
	[illegible]	FARAFRA	90	3	15	01	2	5	CS	11.8	29	29	9	90	7	7	01	2	4	CS	10.4	23	32	5	0
	[illegible]	DAKHLA	360	4	35	00	0	0	—	9.2	32	7	-9	340	11	35	00	0	0	—	9.0	27	5	-16?	0
	[illegible]	KHARGA	00	0	7	02	1	1	AC	8.4	34	29	13	00	0	15	00	1	0	—	8.2	26	30	7	0
	450	SUEZ	360	3	50	02	0	8	Ns	13.1	22	50	11	220	2	15	02	1	8	Ns	13.8	20	64	13	0
	[illegible]	TÔR	240	5	15	03	2	8	As.	12.0	23	74	18	00	0	15	03	2	8	As.	11.6	22	89	20	0
	[illegible]	HURGHADA	00	0	18	02	2	7	Ci	12.0	24	69	18	00	0	12	02	0	7	CS	11.2	23	84	20	0
	[illegible]	QUSEIR	20	5	15	03	2	7	As	11.5	24	74	19	20	2	15	01	1	2	Ci	11.6	23	65	16	0
	[illegible]	PORT SUDÂN	40	10	10	06	0	2	Cu	10.2	28	79	24												
	[illegible]	WÂDI HALFA	150	9	18	03	0	1	Ci	5.9	36	17	7												
	[illegible]	ABU HAMAD	90	2	15	05	0	0	—		36	18	8												
	662	KAREIMA	30	3	30	02	0	0	—	4.2	36	19	9												
	680	ATBARA	00	0	30	02	0	0	—	2.9	36	19	9												
	721	KHARTUM	20	10	30	02	0	0	—	2.1	38	18	10												
	[illegible]	KASSALA	310	3	30	02	0	0	—	1.4	38	18	10												
CENTRAL SUDAN	[illegible]	WAD MEDANI	270	2	35	02	0	0	—	0.5	41	7	-2												
	[illegible]	RENK	270	13	35	02	0	3	AC	1.6	40	28	18												
	[illegible]	ROSEIRES																							
	[illegible]	EL OBEID	90	1	30	02	0	0	—	1.7	36	20	10												
	[illegible]	EL FASHER	00	0	30	02	0	0	—		37	19	10												
	[illegible]	GENEINA																							
	840	MALAKÂL	360	2	10	04	1	6	AC, Cc	0.6	39	21	13												
	880	WAU	180	5	10	04	2	1	AC	1.2	38	18	10												
	941	JUBA	40	7	30	03	1	4	Cu, Ac	0.0	40	12	5												

At 0600 on Wednesday 18th February, 1953

Wind 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
320	14	15	00	0	0	—	11.9	-5.8	11	17	-2	9	0	63	4	0	16		SALUM
300	8	14	02	0	3	Cu	11.0		15	18		9		68	9	0	92		SÎDI BARÂNI
230	6	18	03	1	4	Ac, Ci	10.9	-5.8	11	17		9		82	8	0	37		MATRÛH
							10.0		13	16		11		88	11	0	75		EL DABʿA
360	13	35	02	5	7	St	9.8	-7.5	15	20?	+1	14	+3	88	13	dr.	91	161	ALEXANDRIA
00	0	12	21	6	7	St	9.9	-7.6	14	16	-3	13	+3	97	14	0.4	90	126	Alex (Airport)
340	9		03	6	8	Cu, Sc	9.1	-7.4	16	17	-2	14	+5	88	14	dr.	28	83	DAMIETTA
20	8	10	21	6	8	As	9.1	-8.2	16	16	-2	15	+3	94	15	dr.	42		PORT SAʿÎD
										19									EL ʿARÎSH
130	5	15	02	2	8	AC	9.9	-6.6	14	18	-3	13	+5	88	12	0	25	75	DAMANHÛR
360	5	15	03	2	8	Ns	9.0	-7.6	16	19	-2	14	+6	88	14	0	26	36	MANSÛRA
270	2	7	03	2	8	St	8.7	-8.3	15	17	-4	13	+6	88	13	0	7	29	TANTA
00	0	35	02	2	8	Sc	8.3	-9.0	15	19	-2	14	+7	97	15	0	15		ZAGAZIG
20	9	35	02	2	8	As	9.0		17	19		15		77	13	0	20	19	ISMAʿILIA
290	4	5	00	6	8	AC	9.0		14	22		14		94	13	dr.	4		Cairo (Airport)
00	0	8	05	2	8	As	9.3	-9.0	14	22	+1	14	+5	97	14	dr.	7		ALMAZA
360	2	8	02	2	8	Sc, AC	8.2	-9.2	15	21	0	14	+6	88	13	0.3	15	17	EZBEKIYA
360	2	8	02	2	8	Sc, AC	9.0	-8.3	14	21	+1	14	+8	88	12	1.3	43	17	GIZA
290	8	3	05	2	8	As	9.0	-8.8	15	24	+4	15	+6	77	11	dr.	3	18	HELWÂN
20	4	35	50	2	8	Ns	9.2	-8.0	17	26	+3	15	+8	77	13	dr.	13	6	FAIYÛM
160	4	10	02	2	8	AC	8.9	-10.6	19	28	+6	17	+12	56	10	0	1		MINYA
60	0	10	02	2	6	Ac, Ci	9.3	-9.3	19	30	+8	17	+10	52	9	0	2		ASYÛT MANQABAD
00	0		02	2	5	As	9.5	-7.8	19	34	+11	16	+10	73	14	0	0.1		NAGʿ HAMMADI
00	0	15	03	1	6	Ci	10.2	-6.5	20	37	+12	16	+8	56	11	0	1		QENA
40	4	30	03	2	5	AC	9.1	-8.1	20			17		60	12	0	1		LUXOR
20	3	50	02	1	6	AC	7.9	-9.8	23	35	+9	21	+10	38	8	0	0.1		ASWÂN
320	8	5	06	2	7	Ac, Ci	13.5	-5.4	12	19	-3	12	+7	59	4	dr	1	6	SIWA
320	2	35	02	2	8	As	9.1	-8.9	20	29	+7	19	+12	64	13	0	dr.	6	BAHARÎYA
110	4	35	02	2	7	Ac, Ci	9.1		18	30		15		37	3	0	0		FARAFRA
110	11	50	01	1	5	Ci	10.4	-8.1	19	34	+9	15	+8	9	-16?	0	0		DAKHLA
00	0	7	02	2	7	AC	7.9	-9.8	21	35	+10	18	+11	50	10	0	0		KHARGA
180	3	35	00	0	7	Cb	9.5	-7.3	22	23	+2	15	+5	44	9	0	31	11	SUEZ
90	2	15	02	2	8	St	10.6	-5.9	20	24	+2	19	+9	73	15	0	Rain	11	TÔR
170	1	14	02	2	7	As	10.2	-6.9	22	24	+4	18	+8	50	11	0	dr		HURGHADA
330	5	15	03	2	8	As	10.0	-5.7	21	26	+3	20	+5	65	14	0	8	4	QUSEIR
320	8	30	03	0	3	Sc	11.0		25	29		22		84	22	0			PORT SUDÂN
150	13	18	03	0	7	CS	6.8		24	37		19		41	10	0			WÂDI HALFA
00	0	15	05	0	0	—			24	37		19		41	10	0			ABU HAMAD
40	3	30	02	0	0	—	7.3		25	37		22		47	13	0			KAREIMA
30	1	10	05	0	0	—	7.2		25	38		20		45	12	0			ATBARA
10	7	30	02	0	0	—	5.6		25	39		20		28	5	0			KHARTUM
70	4	30	02	0	0	—	5.7		29	41		22		40	14	0			KASSALA
50	5	7	02	0	0	—	6.1		25	41		21		42	11	0			WAD MEDANI
																			RENK
00	0	35	02	0	1	Cu	6.2		27	42		20		33	9	0			ROSEIRES
20	5	30	02	0	0	—	5.5		25	38		20		34	8	0			EL OBEID
00	0	30	02	0	0	—			20	38		17		38	5	0			EL FASHER
90	6	30	02	0	0	—			20	37		15		30	2	0			GENEINA
00	0	30	03	1	4	AC	7.1		28	41		24		35	11	0			MALAKÂL
230	10	10	04	2	8	Ac, Cs	5.2		27	40		23		55	17	0			WAU
																			JUBA

HUMIDITY Mean of day

Station	on 17th	Dev. from normal
Alexandria	72	+7
Ezbekiya	72	+10
Giza	77	+10
Helwan	[illegible]	+11

GIZA GRASS MINIMUM TEMP. on 18th 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

Cairo Airport — On 17th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	115	21		90	5
950					
900					
850	1518	14		230	21
800					
700	3123	0		230	30
600					
500	5758	-13		250	50
400	7395	-26		250	89
300	9440	-37			

Airport — On At

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

Airport — On At

Pressure 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	Matruh		EL Arish		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		S. Barani		Farafra				Asyut		Minya	
Time	14		14		14		14		14		14		14		14		14		14				20		20 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.	Dir.	Vel.
300	100	5	40	2	30	11	310	4	160	12	350	6	130	7	140	9	150	9	70	7			40	7	30	18
600	160	5	90	23	10	21	40	2	160	11	350	7	150	9	120	10	180	12	80	8			80	15	90	21
1000	270	4	120	7	360	33	320	6	150	15	310	4	170	11	100	10	250	[illegible]	[illegible]	7			70	6	90	20
1500					20	14	140	9	130	10	190	10	130	14	170	15	270	17	[illegible]	9			160	11		16
2000					40	15	140	10			340	10			180	16	280	31	[illegible]	7			190	18	220	13
3000					340	24	240	10																		
4000							250	30																		
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	SÎDI BARÂNI		MATRÛH		Alex. AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Farafra	
Time	8		5		8				4		6 45		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	22	290	15	340	11			180	30	20	5	150	32	160	10	120	13			90	13	300	7
600	300	18	290	17	330	11			190	23	330	12	170	36	180	26	150	17			120	12	290	15
1000			310	17	300	14			200	15	210	13	180	28	200	23	190	9			140	13	230	6
1500			270	19	270	17			210	25			190	21	210	15	170	27			190	20	190	11
2000			250	20									190	24	220	17	240	14			180	16		
3000															250	23					230	30		
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		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	340	28	80	14	140	9	130	7	140	16														
600	330	25	90	16	200	13	180	10	140	22	100	13	90	15									300	4
1000	330	20	100	15	210	14	190	10	130	13	90	9	80	13							160	7	320	4
1500	320	25	80	28	230	15	210	17	130	6	50	7	50	7							70	23	360	8
2000	290	23	60	38			230	17	250	16			270	1							120	13	40	5
3000	270	30	60	26					10	17	60	5	10	8							190	14	110	1
4000									80	4			120	5										
5000											170	13									230	22		
6000									270	3	210	7	180	7							110	1		
7000																								
8000											290	7												

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

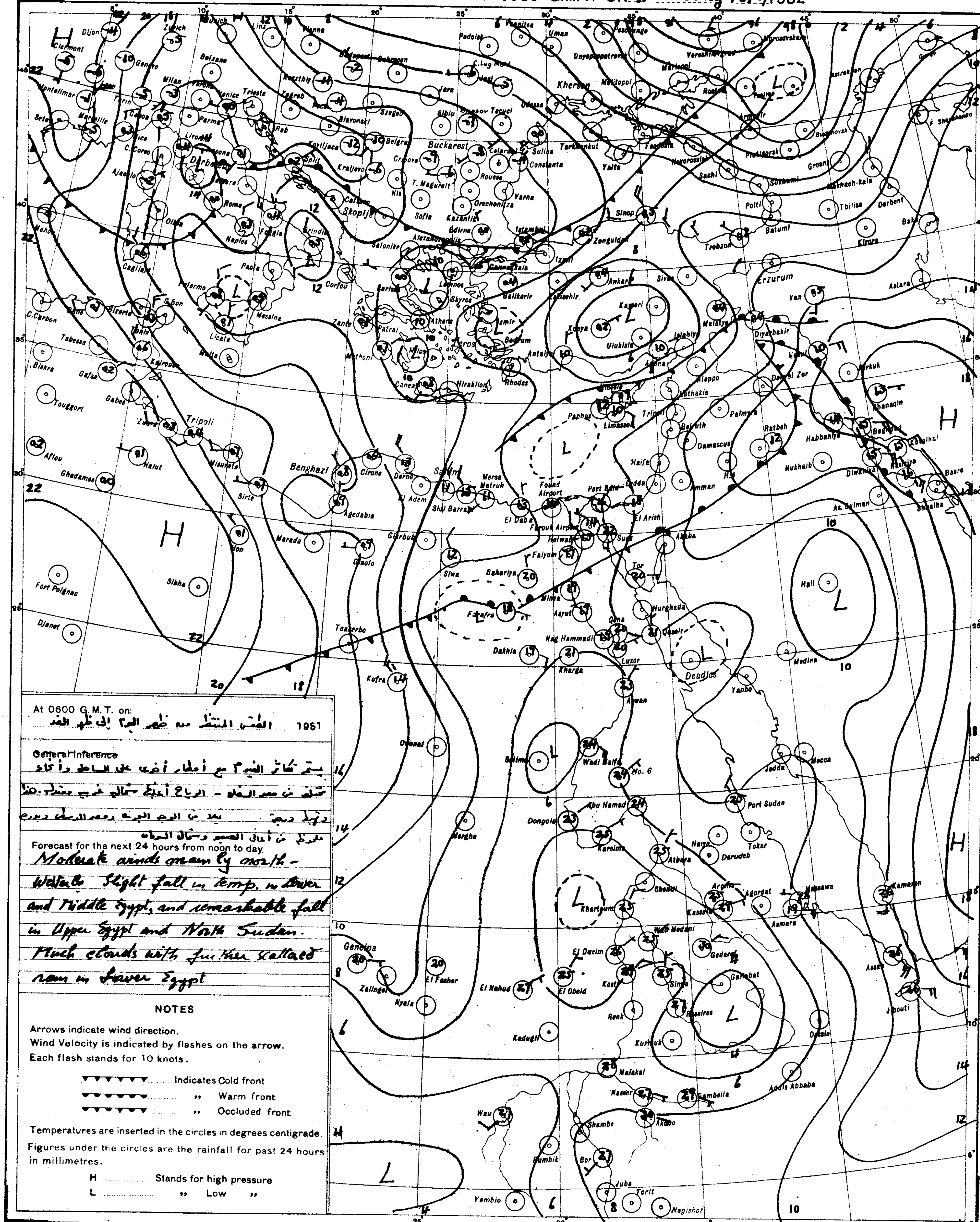
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 18/2/1952



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

SCALE 1:15,000,000

At 0600 G.M.T. on: الطقس المنتظر من ظهر اليوم إلى ظهر الغد 1951

General Inference

يستمر تكاثر الغيوم مع أمطار أخرى على الساحل وأثناء

تحليل من مصر السفلى - الرياح أغلبها شمالي غربي معتدل.

درجة يبدأ من الوجه البحري ومصر الوسطى

بعض الظروف من أعالي الصعيد وشمال السودان

Forecast for the next 24 hours from noon to day.

Moderate winds mainly north-Westerly. Slight fall in temp. in Lower and Middle Egypt, and remarkable fall in Upper Egypt and North Sudan. Much clouds with further scattered rain in Lower Egypt

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 04 32 G. M. T.

" " Sunset 15 46 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Thursday 19th February, 1952 3

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	Rain past 12 hrs mms
Mediterranean	62300	SALÜM	320	7	35	03	2	5	Cu	12.2	18	28	-1	
	303	SIDI BARÂNI	300	16	18	01	8	4	Cu	11.7	16	45	4	
	306	MATRÛH	310	19	14	03	1	6	Cu, Cs	9.9	17	60	9	
	309	EL DABA	290	15	35	02	1	5	Cb	9.8	17	68	11	
		ALEXANDRIA	270	18	50	02	5	7	Ns	9.8	16	68	10	
	318	FAROUK (Airport)	320	12	18	02	6	7	Sc, Ac, Ci	9.5	17	68	11	
	330	DAMIETTA	320	2		02	6	8	Sc, Cu	9.5	17	68	11	
	332	PORT SAÏD	50	4	8	61	6	8	As	8.6	17	83	14	
	330	EL 'ARISH	360	8	14	52	5	8	Cu, Sc	7.3	18	73	13	
Lower Egypt	339	DAMANHUR	360	9	15	02	2	8	Ac	10.2	16	68	10	
	347	MANSURA	340	6	15	03	2	8	Ns	9.0	17	68	11	
	349	TANTA	310	2	7	03	2	8	St	9.9	16	77	12	
	354	ZAGAZIG	00	0	50	02	2	8	Sc	9.3	18	83	15	
	440	ISMAÏLIA	360	2	35	60	6	8	As	9.5	18	73	13	
Cairo	360	CAIRO (Airport)	340	7	8	05	6	8	Ns, As	9.5	18	73	13	
	[illegible]	ALMAZA	340	10	7	05	2	8	Ns	9.6	17	77	13	
		EZBEKIYA	320	3	14	02	2	8	Cb	9.2	18	73	13	
		GIZA	320	3	14	02	2	8	Cb	9.1	18	73	13	
	[illegible]	HELWÂN	340	8	3	02	2	8	As	8.8	18	73	13	
Upper Egypt	391	FAIYUM	20	4	35	02	2	8	Ns	9.3	20	56	11	
	402	MINYA	360	16	10	02	2	8	As	8.2	19	73	14	
	403	ASYUT MANQABAD	270	18	3	07	2	8	Ac	7.4	34	36	17	
	399	NAG' HAMMADI	00	0	7	02	0	4	As, Ci	5.6	32	38	16	
	412	QENA	90	1	50	02	1	3	Cs	6.0	31	49	19	
	405	LUXOR												
	414	ASWAN	200	2	50	03	2	6	Ac	4.8	33	24	10	
Oases	418	SÎWA	320	12	8	05	2	7	Ac	13.9	19	24	-2	
	420	BAHARÎYA	360	4	35	02	2	7	As	10.4	19	52	9	
	421	FARAFRA	340	16	15	02	2	7	Cu, Ac	11.6	21	26	1	
	422	DAKHLA	320	19	35	00	0	0	—	6.8	31	12	-1	
	429	KHARGA	00	0	7	01	2	4	Ac	5.3	35	23	11	
Red Sea	450	SUEZ	310	6	50	03	0	8	Ns	8.0	21	50	10	
	459	TOR	140	5	15	02	2	8	Ac, Cc	6.0	24	74	19	
	462	HURGHADA	80	9	18	02	2	6	Ci	6.3	25	74	20	
	465	QUSEIR	120	5	15	02	2	8	As	9.0	24	69	18	
	641	PORT SUDÂN	90	9	10	06	1	3	Cu	9.2	28	74	23	
North Sudan	600	WÂDI HALFA	320	5	15	05	2	7	Cs	1.9	36	19	9	
	640	ABU HAMAD	00	0	15	05	0	5	Ci		37	17	8	
	660	KAREIMA	40	4	30	03	0	2	Cs	1.6	37	18	9	
	680	ATBARA	230	2	30	02	0	0	—	1.8	37	14	6	
	721	KHARTUM	340	9	30	02	0	0	—	1.6	38	14	6	
	730	KASSALA	20	6	30	02	0	0	—	99.7	40	9	1	
Central Sudan	751	WAD MEDANI	310	5	50	02	0	0	—	0.0	40	8	0	
	801	RENK												
	802	ROSEIRES	50	2	35	02	0	0	—	98.6	41	10	3	
	771	EL OBEID												
	760	EL FÂSHER	00	0	30	03	0	1	Cu		38	18	10	
	770	GENEINA	40	1	30	03	1	4	Cs		38	9	-1	
S. Sudan	840	MALAKÂL	200	6	30	03	1	4	Cu, Ac	1.4	39	20	12	
	880	WÂU	250	2	10	04	2	8	Cu, Cc	1.1	37	31	17	
	941	JUBA	130	5	30	04	1	8	Cu, Cs	0.2	38	24	14	

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
SALÜM	290	7	15	00	0	0	—	13.5	13	55	4
SIDI BARÂNI	310	7	14	02	0	0	—	13.0	13	55	4
MATRÛH	280	14	14	01	1	2	Cu	12.4	14	52	4
EL DABA	290	10	7	02	1	5		13.1	14	55	5
ALEXANDRIA	270	22	35	03	5	8	St	12.4	15	68	9
FAROUK (Airport)	330	17	12	01	2	5	Cu	11.6	15	68	9
DAMIETTA	200	2		02	5	6	Sc, Cu	10.3	15	77	11
PORT SAÏD	280	12	10	02	6	8	As	10.8	15	82	12
EL 'ARISH	240	3	12	20	6	8	Cu, Sc	9.8	14	88	12
DAMANHUR	360	9	15	02	2	8	Ac	11.4	13	88	11
MANSURA	270	5		03	5	8	Ns	11.5	14	77	10
TANTA	00	0	7	03	2	8	St	12.0	13	88	11
ZAGAZIG	00	0	35	01	2	6	Sc	11.1	14	88	12
ISMAÏLIA	340	5	35	02	2	8	As	11.1	16	77	12
FAROUK (Airport)	310	4	12	02	2	8	Sc, As	12.1	15	82	12
ALMAZA	290	4	12	02	2	8	As	11.6	15	88	13
EZBEKIYA	00	0	10	02	2	5	Cu	12.0	16	72	11
GIZA	00	0	10	02	2	5	Cu	11.9	15	82	12
HELWÂN	340	7	3	02	2	8	As	11.9	15	77	11
FAIYUM	00	0	35	02	2	8	Ns	12.0	15	68	9
MINYA	350	2	8	02	2	4	Ac, Ci	12.2	15	77	11
ASYUT MANQABAD	340	7	8	02	2	7	Ac	11.0	18	60	10
NAG' HAMMADI	340	1		02	0	3	As	8.4	21	57	12
QENA	270	1	7	02	1	5	Cc	7.8	22	65	15
LUXOR	270	3	12	01	2	4	Cs	7.5	26	35	9
ASWAN	00	0	15	00	0	0	—	5.6	29	29	9
SÎWA	320	3	10	01	2	3	Ac, Ci	15.8	14	42	1
BAHARÎYA	290	2	15	02	2	7	S	12.6	17	52	7
FARAFRA	340	3	15	01	2	4	Ac	14.4	15	30	-3
DAKHLA	340	26	0.4	32	3	0	—	11.4	20	17	-6
KHARGA	360	9	7	00	0	0	—	9.3	21	33	4
SUEZ	310	2	15	02	0	8	Ns	10.3	17	68	11
TOR	40	9	15	02	2	8	Ac	10.0	23	74	18
HURGHADA	100	10	10	02	2	5	Ac	9.4	23	89	21
QUSEIR	120	13	15	02	2	7		9.0	24	74	19
PORT SUDÂN											
WÂDI HALFA											
ABU HAMAD											
KAREIMA											
ATBARA											
KHARTUM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
MALAKÂL											
WÂU											
JUBA											

At 0600 on Thursday 19th February, 1953

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	Station
SALUM	270	19	15	02	1	4	Ci	15.0	-1.7	9	13	—	7	-2	62	2	0	16		SALUM
SIDI BARÂNI	220	9	15	03	1	6	Cu, Ac	15.2		9	17		8		71	4	dr.	92		SIDI BARÂNI
MATRÛH	210	15	14	03	1	3	Cu, Ac	14.7	-2.0	9	18		9		71	4	0	37		MATRÛH
EL DABA	270	13	15	01	1	3		15.1		10	18		7		62	3	0	75		EL DABA
ALEXANDRIA	270	16	50	03	5	6	Cb, Ci	15.4	-1.8	14	17	-2	13	+2	77	10	dr.	91	162	ALEXANDRIA
FARAFRA (Airport)	260	11	12	80	8	6	Cu, Sc, Ci	14.8	-2.6	13	17	-2	12	+2	94	12	dr.	90	120	FARAFRA (Airport)
DAMIETTA	220	2	15	01	1	2	Cu	14.[illegible]	-2.[illegible]	10	17	-2	7	-2	88	8	0.3	28	84	DAMIETTA
PORT SAÏD	270	14	10	02	0	2	Sc, Cu	15.1	-2.2	13	18	-1	12	0	77	9	1	43		PORT SAÏD
EL 'ARISH	270	4	14	03	1	4	Cu, As	14.6	-2.7	11	21		10		82	8	1	13		EL 'ARISH
DAMANHUR	270	13	15	02	1	1	Ci	15.2	-1.3	10	17	-4	7	-1	76	6	0	25	75	DAMANHUR
MANSURA	270	5	35	02	1	3	Cu	15.5	-1.1	10	18	-3	7	-1	76	6	dr.	26	37	MANSURA
TANTA	220	2	35	01	1	2	Cu	15.8	-1.2	9	17	-4	6	-1	88	7	0	7	29	TANTA
ZAGAZIG	00	0	35	01	1	4	Cu	15.6	-1.6	10	22	+1	7	0	88	8	0	15	19	ZAGAZIG
ISMAÏLIA	250	2	35	03	1	6	Ac	15.6		11	21		8		77	7	dr.	20		ISMAÏLIA
FAROUK (Airport)	220	10	12	03	1	6	Ac, Ci	15.8		12	18		8		72	7	dr.	4		FAROUK (Airport)
ALMAZA	200	5	12	03	1	6	Sc, Cc	16.0	-2.2	11	18	-3	10	+1	82	8	0	7		ALMAZA
EZBEKIYA	00	0	10	01	2	4	As, Ci	16.6	-0.8	11	20	-2	10	+1	77	7	0	15	17	EZBEKIYA
GIZA	00	0	10	01	2	4	As, Ci	16.2	-1.1	10	18	-3	9	+3	88	8	0	43	17	GIZA
HELWÂN	00	0	15	03	2	7	As, Ci	17.1	-0.6	9	24	+4	9	0	88	7	0	3	18	HELWÂN
FAIYUM	00	0	35	02	2	6	As	17.4	+0.2	11	21	-2	8	0	77	7	0	13	6	FAIYUM
MINYA	340	1	8	02	1	6	Ac, Cc	17.7	-1.7	10	24	+2	10	+5	82	7	dr.	1		MINYA
ASYUT MANQABAD	310	5	8	10	2	7	Ac	17.0	-1.5	12	34	+12	11	+4	67	6	0	2		ASYUT MANQABAD
NAG' HAMMADI	290	1		02	2	5	As	15.6	-1.7	15	33	+10	12	+6	59	7	0	0.1		NAG' HAMMADI
QENA	320	1	15	03	1	7	Ns	15.0	-1.6	17	34	+8	13	+5	52	7	0	1		QENA
LUXOR	290	7	30	03	0	7	Ac	14.5	-2.6	17	34		16		34	1	0	1		LUXOR
ASWAN	340	11	15	01	1	3	Ci	13.4	-4.2	20	35	+9	18	+6	24	-1	0	0.1		ASWAN
SÎWA	00	0	14	03	1	4	Ci	19.8	+0.9	8	20	-2	6	+1	66	2	0	1	6	SÎWA
BAHARÎYA	360	2	35	02	2	7	AC	18.0	+0.1	11	19	-4	7	0	63	4	0	dr.	6	BAHARÎYA
FARAFRA	340	2	35	03	2	5	Ac, Cc	18.8		9	22		8		62	2	0	0		FARAFRA
DAKHLA	340	15	50	01	0	8	Ci	17.1	-1.4	14	32	+7	12	+5	18	-10	0	0		DAKHLA
KHARGA	360	9	7	02	2	7	AC	15.0	-2.7	14	36	+11	13	+5	48	3	0	0		KHARGA
SUEZ	00	0	35	00	0	4	Cu	15.5	-1.2	12	23	+2	8	-2	77	8	0	31	11	SUEZ
TOR	310	9	15	03	2	8	Sc	15.4	-1.0	17	27	+5	17	+7	83	14	0	Rain	11	TOR
HURGHADA	320	7	10	02	2	8	Ac	13.4	-3.6	18	26	+5	17	+7	56	9	0	dr.		HURGHADA
QUSEIR	360	13	15	03	2	7	AC	13.1	-2.6	20	26	+3	20	+5	64	13	0	8	4	QUSEIR
PORT SUDÂN	320	6	30	02	2	6	Sc	10.3		27	29		22		70	21	0			PORT SUDÂN
WÂDI HALFA	350	15	7	05	0	0	—	12.5		18	37		17		37	3	0			WÂDI HALFA
ABU HAMAD	360	1	30	03	1	6	Cs			25	38		21		28	5	0			ABU HAMAD
KAREIMA	360	6	10	05	0	1	Cs	8.9		25					79	21	0			KAREIMA
ATBARA	360	6	30	03	0	0	—	7.2		25	39		21		47	13	0			ATBARA
KHARTUM																				KHARTUM
KASSALA	340	3	30	02	0	0	—	4.9		28	41		19		42	14	0			KASSALA
WAD MEDANI	50	5	15	04	0	0	—	6.3		27	41		20		28	7	0			WAD MEDANI
RENK																				RENK
ROSEIRES																				ROSEIRES
EL OBEID	360	11	30	02	0	0	—	5.9		27	40		22		23	4	0			EL OBEID
EL FÂSHER	00	0	30													-1	0			EL FÂSHER
GENEINA	30	10	30	03	0	6	Cs			21	39		17		26	1	0			GENEINA
MALAKÂL	230	14	8	42	4	8	Ac	5.4		28	39		23		52	17	0			MALAKÂL
WÂU																				WÂU
JUBA																				JUBA

HUMIDITY

Mean of day

Station	on 18th	Diff. from normal
Alexandria	73	+8
Ezbekiya	67	+5
Giza	82	+15
Helwân	73	+23

GIZA GRASS MINIMUM TEMP. ON 19th 3.6 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Cairo Airport — On 18th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	95	17		340	10
950					
900					
850	1449	4		270	23
800					
700	3001	-5		240	38
600					
500	5592	-17		240	86
400	7222	-28			
300	9242	-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 18th

Station	Matruh		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		S. Baran		Alex. A.P.		Minya		Asyut	
Time	14		14		14		14		14	15	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	38	330	10	350	22	320	21	10	4	220	8	310	18	340	23	250	7	310	31	300	18	330	3	340	12
600	300	29	340	10	330	21	330	33	190	9	200	8	310	18	350	27	240	10	310	19	290	20	330	4	350	18
1000	300	22	340	11	320	16	320	32	190	13	180	6	310	15	350	33	230	11	300	14	290	17	330	3	340	30
1500	290	20	290	17	250	18	240	11	220	16	190	6	300	30			230	15					330	3	340	25
2000	280	30	300	23			220	16	210	28	220	7	280	30									120	3	260	30
3000									270	27																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	Sîdi Barâni		Matrûh		Alex. Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8		8						6 45		8		8		8 45						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	17	260	20	260	13					320	2	350	5	350	13	300	15					280	10
600	300	24	280	17	270	15					320	10	350	10	350	17	300	16					300	11
1000	310	21	290	16	270	14					330	9	340	16	350	24	330	15					300	10
1500	300	19	290	13							310	10	340	16	340	23	320	15					320	11
2000	280	24									310	17			280	25	330	6					290	13
3000											290	31			270	39							280	25
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8						4		4									
Height m.	Dir.	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	24	50	5	300	23	10	18					20	23										
600	320	23	70	5	310	28	10	31					20	25	350	20								
1000	320	22	70	5	320	28	10	30					30	27	360	17								
1500	290	19	80	24	310	22							40	24	360	10								
2000	310	19	70	30																				
3000	290	24	70	21									270	3	270	9								
4000															260	8								
5000																								
6000																								
7000																								
8000																								

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

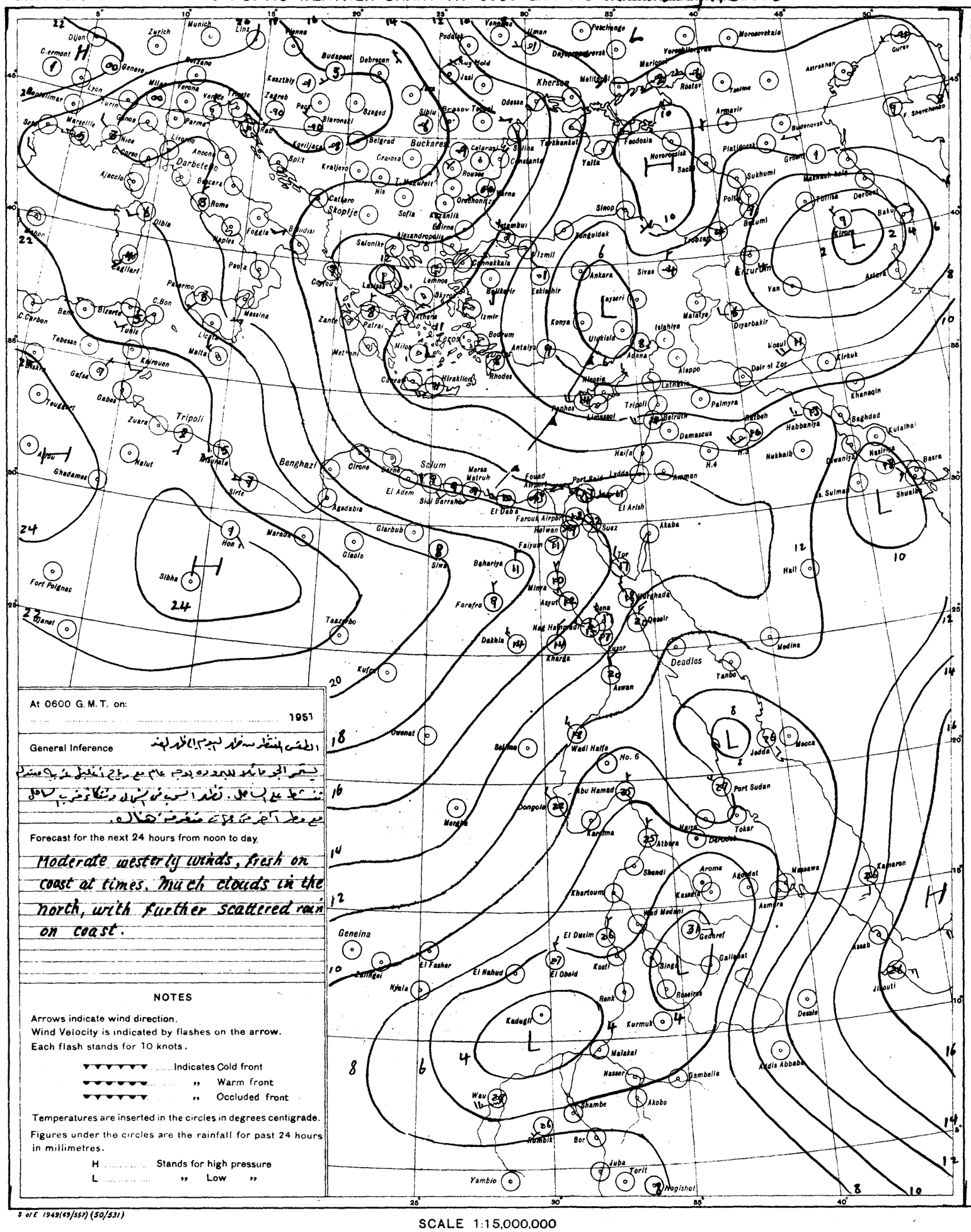
Note: All times are G.M.T.

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

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 19-2-1953



At 0600 G.M.T. on: 1953

General Inference

الطقس المنتظر سوء الجو اليوم الظهر لهذه
يستمر الجو عاصف بوجه عام مع رياح أغلبها غربية معتدلة
تنشط على السواحل. تظهر السحب في الشمال وتتكاثف قرب الساحل
مع وسط أجزاء الإقليم منطقة هطول.

Forecast for the next 24 hours from noon to day.

Moderate westerly winds, fresh on coast at times. Much clouds in the north, with further scattered rain on coast.

NOTES

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

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

Temperatures are inserted in the 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 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: Friday 20th February, 1952 3

At 1200 on Thursday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	50	9	35	01	0	3	Cu	16.8	18	28	-1
	303	SÎDI BARÂNI	300	12	18	02	1	3	Cu, Cs	15.7	16	56	7
	306	MATRÛH	300	17	14	01	1	3	Cb	14.7	17	52	7
	309	EL DABʿA	320	10	35	01	1	3	Cu	15.2	17	56	8
		ALEXANDRIA	270	20	50	02	5	5	Cu	15.8	16	68	10
	318	FOUAD (Airport)	290	14	18	01	8	4	Cu	15.5	17	64	10
	330	DAMIETTA	220	5	15	03	6	6	Sc	15.6	15	78	11
	333	PORT SAʿÎD	300	18	30	02	0	7	Cu, Sc	15.1	15	72	10
	336	EL ʿARÎSH	320	7	30	01	2	4	Cu, As	14.5	17	52	7
Lower Egypt	339	DAMANHUR											
	342	MANSÛRA	320	9	35	03	2	5	Cb	14.7	17	52	7
	348	TANTA	270	5	35	03	2	5	Cu	15.4	19	46	7
	354	ZAGAZIG	220	1	50	02	1	4	Cu	15.6	19	52	9
	440	ISMAʿILÎA	290	9	35	03	1	6	Cu	15.5	19	37	4
Cairo Area	366	FAROUK (Airport) Cairo	290	11	30	03	2	7	Cu, Ci	16.4	18	43	5
	372	ALMÂZA	250	8	30	01	2	6	Cu, Ci	15.9	18	46	6
		EZBEKÎYA	290	4	18	03	1	5	Cu, Ci	16.1	19	40	5
		GÎZA	290	4	18	03	1	5	Cu, Ci	16.4	19	40	5
	378	HELWÂN	290	8	35	02	2	6	Cu, Ci	16.6	17	42	4
Upper Egypt	381	FAIYÛM	00	0	35	02	2	6	As	16.3	20	41	6
	387	MINYA	10	8	8	02	2	6	As, Cu	17.1	18	43	5
	393	ASYÛT MANQABÂD	360	12	30	02	2	7	Ac, Cc	16.8	18	28	-1
	399	NAGʿ HAMMÂDI	340	2	7	02	2	5	Sc, Cu	14.4	21	41	7
	402	QENA	270	2	50	02	1	6	St	13.1	25	34	8
	405	LUXOR	310	9	30	02	2	6	Ac	13.1	23	22	0
	414	ASWÂN	20	8	15	09	3	6	Ci	11.8	25	17	-2
Oases	417	SÎWA	320	11	14	02	1	4	Ac, Cc	19.9	18	34	2
	420	BAHARÎYA	290	3	35	02	2	6	Ac	17.6	19	52	9
	423	FARAFRA	320	10	35	03	2	6	Ac, Ci	19.4	18	28	-1
	432	DAKHLA	360	11	35	01	2	1	Ci	16.7	20	17	-6
	435	KHARGA	360	6	7	02	2	6	Ac	15.0	20	24	-1
Red Sea	450	SUEZ	220	1	50	03	0	7	Cu	15.0	20	41	6
	459	TÔR	310	13	15	01	2	7	St	13.5	19	46	7
	462	HURGHADA	320	20	18	02	2	6	Ac	12.8	20	46	8
	465	QUSEIR	20	13	15	01	2	6	Ac	12.2	22	50	11
	641	PORT SÛDÂN	90	11	30	02	0	1	Cu	8.2	29	74	24
North Sûdân	600	WÂDI HALFA	360	12	18	07	0	1	Ci	10.2	28	11	-5
	640	ABU HAMAD	00	0	15	05	2	6	Ci		37	17	8
	660	KAREIMA	50	8	30	02	0	1	Cs	4.7	37	13	5
	680	ʿATBARA	340	8	30	02	0	0	—	3.3			13
	721	KHARTÛM	30	10	30	02	0	0	—	2.0	39	10	2
	730	KASSALA	40	6	30	02	0	0	—	999.8	41	15	9
Central Sûdân	751	WAD MEDANI	60	9	15	02	0	0	—	0.3	41	10	3
	801	RENK	310	6	35	02	0	2	Ac	1.7	41	25	17
	802	ROSEIRES	310	2	35	02	0	0	—		42	8	1
	771	EL OBEID	20	15	30	03	0	6	Cs	1.9	37	12	3
	760	EL FASHER	70	4	30	02	2	8	Cs		36	12	2
	770	GENEINA	90	10	30	02	2	7	Cs		36	12	2
S. Sûdân	840	MALAKÂL	320	7	10	04	1	5	Cu, Ci		41	19	13
	880	WÂU	50	5	10	04	2	8	Cu, Cs	1.6	37	31	17
	941	JUBA	320	4	30	02	2	7	Cu, Cs	1.0	39	17	10

At 1800 on Thursday 19th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALÛM	270	4	15	01	0	3	Cu	19.4	14	55	5	0
SÎDI BARÂNI	330	15	14	02	2	6	Ac	17.9	14	55	5	0
MATRÛH	290	13	12	01	1	3	Sc, Cu	17.2	14	67	8	0
EL DABʿA	320	11	7	02	1	4	Cb	17.9	14	55	5	0
ALEXANDRIA	310	22	35	01	2	4	Cu	17.8	14	67	8	dr.
FOUAD (Airport)	320	10	14	01	1	0	—	17.5	14	59	6	2
DAMIETTA	220	2	3	01	0	0	—	16.4	14	77	10	0.1
PORT SAʿÎD	290	14	18	01	2	1	Sc	16.2	15	68	9	0
EL ʿARÎSH	270	3	14	01	1	1	St	16.1	12	83	9	0
DAMANHUR	310	9	15	02	1	1	Cu	17.8	11	88	9	0
MANSÛRA	270	5		00	1	0	—	17.5	13	67	7	0
TANTA	00	0	35	01	1	3	Cu	17.1	11	77	7	0
ZAGAZIG	00	0	35	02	1	0	—	18.0	13	67	7	0
ISMAʿILÎA	90	12	35	01	0	0	—	17.7	15	48	4	0
FAROUK (Airport)	220	5	12	00	0	0	—	18.3	15	42	2	0
ALMÂZA	200	3	12	01	2	1	Ci	17.8	14	48	3	0
EZBEKÎYA	00	0	10	00	1	0	—	17.6	15	48	4	0
GÎZA	00	0	10	00	1	0	—	18.2	11	67	5	0
HELWÂN	290	3	15	01	1	1	Ci	18.3	14	36	-1	0
FAIYÛM	00	0	35	02	2	6	As	18.0	14	55	5	0
MINYA	00	0	8	02	2	6	Ci	18.9	13	67	7	0
ASYÛT MANQABÂD	00	0	14	01	2	3	Ci	18.5	13	55	4	0
NAGʿ HAMMÂDI	250	2		02	2	4	Sc, Cu	17.2	15	48	4	0
QENA	270	2	7	02	1	5	Sc	16.4	14	48	3	0
LUXOR												
ASWÂN	340	10	15	01	1	3	Ci	14.8	22	16	-5	0
SÎWA	270	4	10	01	1	1	Ci	21.2	13	51	3	0
BAHARÎYA	320	2	15	02	2	6	Ac	20.2	13	55	4	0
FARAFRA	320	5	15	03	2	7	Cs	20.3	13	34	-3	0
DAKHLA	340	9	15	01	1	3	Ci	18.6	15	30	-3	0
KHARGA	00	0	15	01	2	2	Ac	17.0	15	30	-3	0
SUEZ	310	2	15	01	0	0	—	17.5	15	39	1	0
TÔR	310	13	15	01	2	7	Ns	15.4	18	37	3	0
HURGHADA	300	19	12	01	2	6	Ac	15.5	18	52	8	0
QUSEIR	330	13	15	02	2	7		15.1	20	33	3	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʿATBARA												
KHARTÛM	360	9	30	02	0	0	—	4.8	33	14	2	0
KASSALA	360	3	30	02	0	0	—	4.3	28	31	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	6	30	00	0	0	—		30	22	6	0
EL FASHER	90	2	30	02	2	2	Ci		31	18	4	0
GENEINA	10			01	1	4	Ac, Ci		31	18	4	0
MALAKÂL	50	3	30	01	2	1	Cs	2.3	34	20	8	0
WÂU	00	0	10	04	9	8	As	6.4	28	66	21	2
JUBA	00	0	30	04	2	8	Cs	3.0	30	33	12	0

At 0600 on Friday 20th February, 1953

Station	Wind 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	10	15	03	2	4	Ac	23.6	+6.9	11	19	0	8	-1	51	1	0	16	
SÎDI BARÂNI	350	6	15	62	2	5	Ac, Ci	23.1		13	17		12		48	2	0	92	
MATRÛH	330	10	15	03	2	6	Ac	22.1	+5.4	14	18		12		59	6	0	37	
EL DABʿA	340	9	15	62	1	4	Cb	21.8		15	18		9		43	4	0	75	
ALEXANDRIA	310	17	50	03	2	4	Cu	22.0	+4.9	14	17	-2	13	+2	55	5	dr.	91	163
FOUAD (Airport)	350	11	12	03	1	5	Cu, Sc	21.7	+4.3	13	19	0	11	+1	63	6	2	92	127
DAMIETTA	320	2	7	03	6	1	Cu	20.3	+3.8	14	18	-1	7	-2	67	8	2	30	85
PORT SAʿÎD	280	13	12	03	0	1	Sc	20.0	+2.8	13	18	-1	11	-1	78	9	0	42	
EL ʿARÎSH	250	8	18	50	5	6	Cu, Sc	19.8	+2.5	11	18		7		83	8	dr.	12	
DAMANHÛR	270	9	15	02	0	0	—	22.0	+5.5	11	19	-2	8	0	77	7	0	25	76
MANSÛRA	270	5	35	02	1	2	Cb	21.1	+4.5	11	19	-2	8	0	77	7	0	26	37
TANTA	220	2	35	01	1	3	Cu	21.2	+4.3	12	20	-1	6	-1	77	8	0	7	30
ZAGAZIG	00	0	35	02	0	0	—	21.5	+4.3	9	21	0	7	0	88	7	0	15	19
ISMAʿILÎA	290	5	35	02	0	0	—	21.9		12	20		8		77	8	0	20	
FAROUK (Airport)	250	3	12	03	0	2	Ci	22.6		11	19		8		77	7	0	4	
ALMÂZA	250	7	10	03	1	2	Ac, Ci	22.4	+4.3	12	19	-2	10	+1	83	9	0	7	
EZBEKÎYA	00	0	10	00	0	0	—	22.0	+4.7	15	21	-1	10	+1	45	3	0	15	17
GÎZA	00	0	10	00	0	0	—	22.7	+5.4	11	21	0	7	+1	77	7	0	43	18
HELWÂN	00	0	7	05	0	1	Ci	23.4	+5.8	10	19	-2	8	-1	88	8	0	3	18
FAIYÛM	00	0	35	02	1	2	Ci	23.5	+6.4	12	22	-1	6	-2	77	8	0	13	6
MINYA	330	2	10	02	1	5	Ci	23.6	+4.3	9	20	-2	5	0	76	5	0	1	
ASYÛT MANQABÂD	300	2	14	03	1	5	Ac, Ci	23.3	+4.9	9	19	-3	8	+1	47	-2	0	2	
NAGʿ HAMMÂDI	00	0		62	2	5	Sc, As	22.8	+3.1	15	23	0	11	+5	59	7	0	0.1	
QENA	360	1	35	03	1	4	Ci	21.2	+4.7	18	26	0	8	0	37	3	0	1	
LUXOR	00	0	30	02	1	4	Ci	20.7	+3.6	15			9		48	4	0	1	
ASWÂN	20	7	15	03	2	4	Ci	20.2	+2.7	14	26	0	12	0	48	3	0	0.1	
SÎWA	00	0	14	03	0	4	Ac, Ci	25.1	+6.3	9	19	-3	6	0	83	6	0	1	6
BAHARÎYA	340	2	35	02	2	5	Ci	24.4	+6.5	12	19	-4	6	-1	63	5	0	dr.	6
FARAFRA	20	4	35	03	2	6	Cs	24.4		10	19		6		62	3	0	0	
DAKHLA	340	15	50	01	1	6	Ci	23.0	+4.6	11	21	-4	8	+1	41	-2	0	0	
KHARGA	40	4	15	02	2	3	Ac	21.[illegible]	+1.6	12	21	-4	10	+2	44	0	0	0	
SUEZ	310	3	35	00	0	0	—	22.0	+5.4	14	23	+2	10	0	67	8	0	31	12
TÔR	310	9	35	01	2	5	Ac, Ci	20.7	+4.3	16	23	+1	16	+6	42	3	0	Rain	11
HURGHADA	300	20	14	03	0	3	Cs	19.8	+2.8	17	20	-1	14	+4	55	8	0	dr	
QUSEIR	360	13	15	03	1	6	Cu, Ac	19.0	+3.4	17	22	-1	15	0	52	7	0		4
PORT SÛDÂN				07	1	3	Cu, Sc	14.0		24	30		23		24	2	0		
WÂDI HALFA	10	17	30	01	0	1	Ci	18.6		15	31		12		30	-3	0		
ABU HAMAD	260	8	17	07	0	0	—			21	38		19		21	-2	0		
KAREIMA	20	8	30	02	0	0	—	13.1		22	37		20		20	-2	0		
ʿATBARA	360	15	10	07	0	0	—	9.7		23	39		20		69	17	0		
KHARTÛM	360	13	30	02	0	0	—	9.3			40		21				0		
KASSALA	90	2	30	02	0	0	—	6.0		29	42		21		49	17	0		
WAD MEDANI	360	18	15	02	0	0	—	8.3		27			23		28	7	0		
RENK																			
ROSEIRES																			
EL OBEID		12	7	05	2	5	Cs	10.5		22	39		20		38	7	0		
EL FASHER											37								
GENEINA	20		7	05	2	6	Cs			21	38		19		35	5	0		
MALAKÂL	00	0	30	03	2	7	Ac	8.6		29	41		25		43	15	0		
WÂU	20	1	18	04	2	8	Sc, Cu	9.2		27	38		25		66	20	2		
JUBA	00	0	30	03	1	8	Sc, Cu	8.5		29	41		24		55	19	0		

HUMIDITY % Mean of day

Station	on 19th	Diff. from normal
Alexandria	67	+2
Ezbekiya	56	-6
Giza	69	+2
Helwan	57	+7

GÎZA GRASS MINIMUM TEMP on 20th 3.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Cairo AIRPORT — On 19th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	147	17		290	12
950					
900					
850	1502	4		260	16
800					
700	3062	0		270	31
600					
500	5709	-10		270	85
400	7390	-22			
300	9455	-34			

AIRPORT — On At

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

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 19th

Station	Kharga		Siwa		Minya		Aswan		Dakhla		El Arish		S. Barani		Farafra		Almaza		Al. A.P.		Asyut		Asyut		Minya	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	20	290	22	350	7	360	11	310	20	300	14	310	16	340	16	280	12	290	19	330	21	360	10	310	26
600	20	26	300	19	330	13	350	17	320	27	270	13	300	24	330	14	280	18	290	16	340	18	340	13	320	24
1000	20	27	300	12	320	13	10	14	330	27	250	14	290	30	330	14	280	17	290	16	340	16	330	22	320	20
1500			310	17	330	15			320	47	230	18	280	30	320	18	280	16			330	23	340	23	330	19
2000			300	23	280	30					280	21			300	23	270	24			290	26	310	32	310	26
3000			290	36							250	26									280	48			280	43
4000											270	48														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	Sîdi Barâni		Matrûh		Alex. Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			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			360	12									360	16	360	10					330	24		
600			350	12									360	15	10	16					320	38		
1000			350	13									340	34	360	20					320	35		
1500			350	10									340	18	350	27					300	21		
2000													320	21	330	27								
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						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	10	14	130	26	360	23	10	16																
600	20	15	130	30	10	27	20	22																
1000	10	15	130	36	10	30	20	22							30	32			10	20	10	12		
1500	330	16	130	19			30	22	60	24					30	7			30	42	60	22		
2000	330	9							30	21					20	9					90	17		
3000	240	10							20	13											30	17		
4000	310	22													110	7								
5000	290	47													110	15								
6000																								
7000																								
8000																								

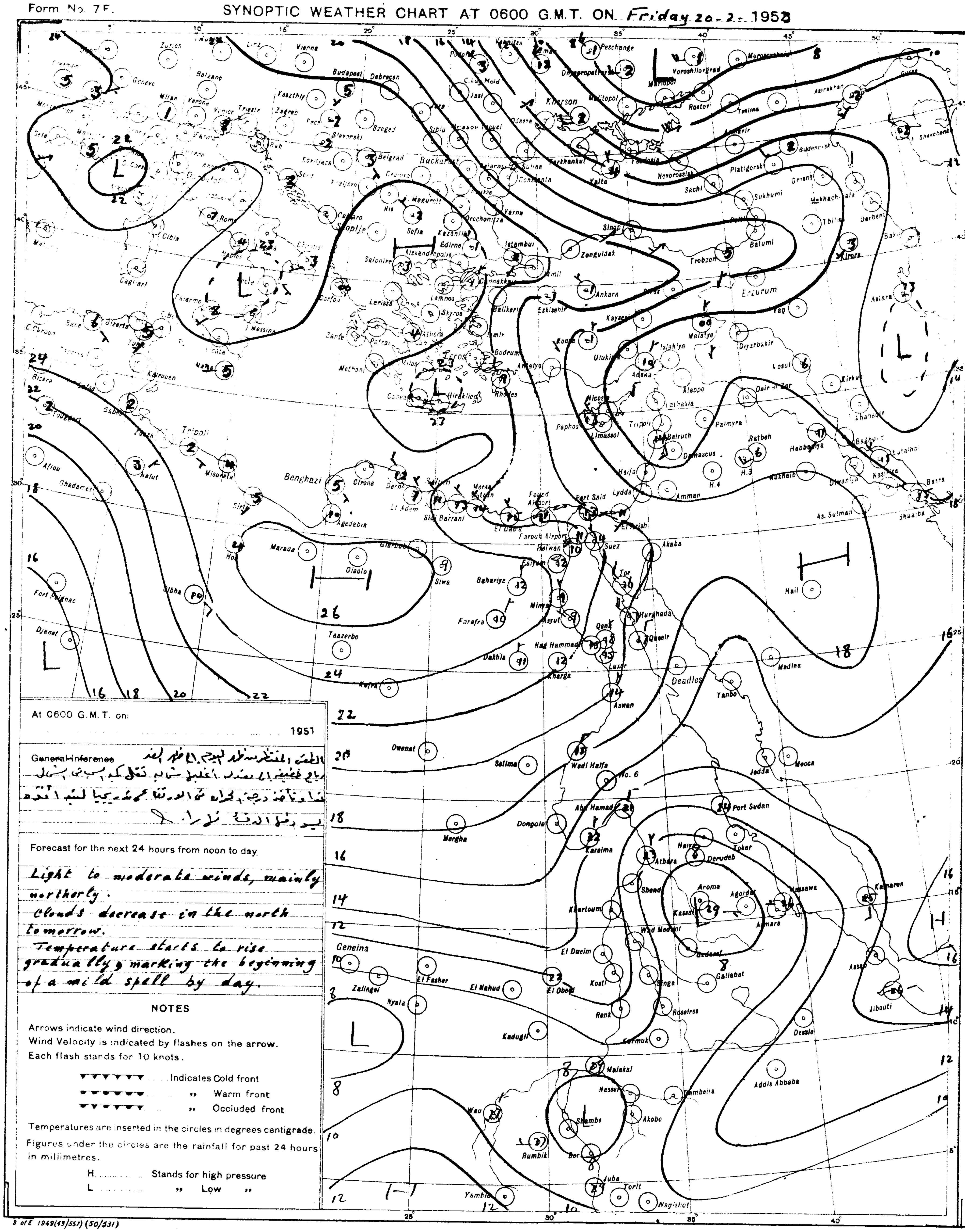
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,55[illegible]) ([illegible])

Annual Subscription [illegible]

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 20-2-1953*



At 0600 G.M.T. on: 1951

General Inference: الطقس المنتظر بعد الظهر اليوم الى ظهر الغد
رياح خفيفة الى معتدلة اغلبها شمالية تقل كمية السحب في الشمال
غدا وتأخذ درجة الحرارة في الارتفاع تدريجيا لتبدأ
يوم فترة الدفء نهارا.

Forecast for the next 24 hours from noon to day.

Light to moderate winds, mainly northerly.
Clouds decrease in the north tomorrow.
Temperature starts to rise gradually, marking the beginning of a mild spell by day.

NOTES

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

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

Temperatures are inserted in the 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	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 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 : Saturday 21st February, 1953

At 1200 on Friday 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	70	7	35	03	2	6	AC	25.6	16	42	3
	303	SÎDI BARÂNI											
	306	MATRÛH	330	8	18	03	2	6	Cu, Sc	23.8	16	59	8
	309	EL DABʿA	340	4	35	01	1	3	Cu	23.5	17	42	4
		ALEXANDRIA	310	10	50	02	2	4	Cc	23.8	17	42	4
	318	~~FÛKA~~ Alex. (Airport)	350	6	18	02	1	5	Cu, Ci	23.8	17	49	6
	330	DAMIETTA	320	5	15	03	1	6	Cu	23.3	16	49	5
	333	PORT SAʿÎD	350	11	30	01	1	2	Cu, Ci	23.3	16	56	7
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	1	3	Cu	23.1	17	42	4
	342	MANSURA	20	5	35	03	2	4	Cb	23.4	18	46	6
	348	TANTA	220	5	35	03	2	5	Sc, Cu	23.2	18	46	6
	354	ZAGAZIG	00	0	50	02	1	3	Cu	22.8	21	41	7
	440	ISMAʿILIA	340	9	35	03	1	6	Cu	22.2	19	37	4
Cairo Area	366	~~FAROUK~~ Cairo (Airport)	20	11	30	02	1	4	Cu	23.0	18	37	3
	372	ALMÂZA	350	8	30	01	2	3	Sc	22.4	18	43	5
		EZBEKIYA	20	2	30	03	0	3	Cu	22.9	19	37	4
		GÎZA	20	2	30	03	0	3	Cu	22.8	19	35	3
	378	HELWÂN	340	11	35	01	1	2	Cu	22.7	17	42	4
Upper Egypt	381	FAIYÛM	20	4	35	02	1	3	Ci	23.0	20	33	3
	387	MINYA	350	11	10	02	1	5	Cu, Ci	22.8	19	40	5
	393	ASYÛT MANQABÂD	340	8	30	03	1	5	Ci	21.8	19	30	1
	399	NAGʿ HAMMADI	340	2	7	02	2	4	AC, Ci	19.0	23	24	1
	402	QENA	270	2	50	02	1	5	CC	18.0	25	34	8
	405	LUXOR	330	11	30	02	2	7	CS	18.2	23	19	-2
	414	ASWAN	340	10	15	03	2	4	AC	17.2	24	21	0
Oases	417	SÎWA	260	5	14	03	2	6	Cu, AC	25.2	19	37	4
	420	BAHARIYA	320	2	35	02	2	3	AC	23.1	18	60	10
	423	FARAFRA	320	7	35	01	2	3	CS	23.8	19	30	1
	432	DAKHLA	110	11	50	01	1	3	Ci	21.6	21	20	-3
	435	KHARGA	40	9	15	02	2	5	AC	19.5	21	20	-3
Red Sea	450	SUEZ	360	5	50	03	0	2	Cu	21.8	18	37	3
	459	TOR	310	24	35	01	2	4	AC	18.8	19	52	9
	462	HURGHADA	320	19	18	01	1	5	CS	18.5	19	56	10
	465	QUSEIR	360	19	15	01	1	4	AC	17.5	21	41	7
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʿATBARA											
	721	KHARTÛM											
	730	KASSALA	40	6	30	02	0	0	—	2.1	39	16	9
Central Sudan	751	WAD MEDANI	360	9	35	02	0	0	—	3.5	38	15	7
	801	RENK	310	13	35	02	0	0	—	3.8	38	33	19
	802	ROSEIRES											
	771	EL OBEID	20	28	7	05	1	5	CS	5.1	34	19	7
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU	270	4	10	04	2	7	Cu, Ci	4.8	35	39	19
	941	JUBA	20	6	30	03	2	8	Cu, Cs		39	~~20~~	12

At 1800 on Friday 20th

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALÛM	320	7	15	03	2	4	AC	25.8	13	29	-5	0
SÎDI BARÂNI	00	0	14	02	2	7	AC	26.1	13	55	4	0
MATRÛH	350	4	10	03	2	6	AC	25.5	14	67	8	0
EL DABʿA	70	3	7	03	2	7	St	25.1	14	55	5	0
ALEXANDRIA	360	13	35	03	2	7	NS	26.0	14	55	5	0
Alex. (Airport)	00	0	12	03	2	7	SC	25.3	14	55	5	0
DAMIETTA	320	2	7	00	0	0	—	24.6	15	59	7	0
PORT SAʿÎD	340	6	18	02	0	1	Cu, Sc	25.3	14	63	7	0
EL ʿARISH												
DAMANHUR	360	9	15	02	1	3	Cu	25.2	11	77	7	0
MANSURA	360	5		00	1	0	—	25.5	13	55	4	0
TANTA	00	0	35	01	1	3	Cu	23.4	11	77	6	0
ZAGAZIG	00	0	35	02	1	0	—	25.5	12	77	8	0
ISMAʿILIA	20	5	35	02	0	0	—	24.7	14	55	5	0
Cairo (Airport)	20	10	12	01	0	0	—	24.2	13	63	6	0
ALMÂZA	20	13	12	00	1	0	—	24.6	14	72	9	0
EZBEKIYA	340	4	12	00	1	0	—	25.5	13	55	4	0
GÎZA	340	4	12	00	1	0	—	25.0	14	55	5	0
HELWÂN	360	11	7	01	0	0	—	25.0	14	55	5	0
FAIYÛM	00	0	35	02	1	3	Ci	24.0	14	55	5	0
MINYA	340	5	8	01	1	3	Cc	23.9	12	63	5	0
ASYÛT MANQABÂD	300	4	10	03	1	5	Ci	23.6	12	67	6	0
NAGʿ HAMMADI	00	0		01	0	4	Cb	21.0	15	68	9	0
QENA	00	0	7	02	1	4	Ci	19.9	15	59	7	0
LUXOR	270	2	12	01	1	4	Ci	19.8	16	49	5	0
ASWAN	360	4	50	00	0	0	—	18.8	21	20	-3	0
SÎWA	350	3	10	03	2	8	AC, CS	25.2	16	42	3	0
BAHARIYA	00	0	15	01	1	0	—	24.8	14	55	5	0
FARAFRA	360	5	15	03	2	4	Ci	24.4	13	44	1	0
DAKHLA	360	11	14	01	1	2	Ci	22.3	18	20	-5	0
KHARGA	360	4	15	01	1	2	Ci	20.7	17	34	1	0
SUEZ	360	6	15	01	0	0	—	23.5	15	48	4	0
TOR	310	9	15	01	1	4	CS	19.5	18	46	6	0
HURGHADA	310	19	12	02	0	3	Ci	19.2	19	46	7	0
QUSEIR	360	19	15	01	1	2	Ci	18.3	20	46	8	0
PORT SUDÂN		15	10	06	1			15.5	25	79	21	0
WÂDI HALFA	360	10	30	01	0	0	—	17.1	20	15	-8	0
ABU HAMAD	360	11		07	0	0	—		25	14	-5	0
KAREIMA												
ʿATBARA												
KHARTÛM												
KASSALA	30	10	10	07	0	0	—	5.6	30	43	16	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	2	30	02	0	0	—	8.2	28	31	9	0
EL FÂSHER	90	3	15	01	1	0	—		28	19	2	0
GENEINA	20	10	10	00	0	0	—		29	19	3	0
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 21st February, 1953

Station	Wind 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	320	9	15	03	2	6	Ci	25.5	+8.8	11	16	-3	8	-1	63	4	0	16	
SÎDI BARÂNI	220	5	15	02	2	6	Cu, AC	25.6		9	16		8		67	3	0	92	
MATRÛH	230	8	18	03	1	6	SC, Cu	25.6	+8.9	10	18		6		76	6	0	37	
EL DABʿA	360	2	15	01	1	3	Cu	25.3		12	17		11		63	5	0	75	
ALEXANDRIA	40	12	50	02	2	6	St	25.1	+8.0	14	18	-1	13	+2	55	5	0	91	164
Alex. (Airport)	00	0	18	02	2	7	SC, AC	25.1	+7.8	14	17	-2	13	+3	63	7	0	92	128
DAMIETTA	200	2		03	1	7	SC	25.6	+9.1	13	17	-2	9	0	77	9	0	30	85
PORT SAʿÎD	300	3	18	02	1	6	SC	25.4	+8.2	14	17	-2	12	0	72	9	0	42	
EL ʿARISH	160	3	30	03	1	5	AC, Ci	25.2	+7.9	10			5		67	4	0	12	
DAMANHÛR	40	5	15	02	2	8	AC	25.2	+8.7	13	18	-3	9	+1	67	7	0	25	77
MANSÛRA	40	5	35	02	1	2	Cu	25.1	+8.5	12	19	-2	9	+1	63	5	0	26	37
TANTA	00	0	35	03	2	6	Cu	25.1	+8.3	11			7	0	77	7	0	7	30
ZAGAZIG	00	0	35	02	0	0	—	25.4	+8.3	9	22	+1	6	-1	71	4	0	15	20
ISMAʿILIA	220	2	35	01	1	4	AC	25.4		12	20		6		63	5	0	20	
Cairo (Airport)	00	0	8	05	2	7	AC, CS	26.1		10	19		6		71	5	0	4	
ALMÂZA	00	0	12	02	2	6	Ci	25.9	+7.8	8	18	-3	7	-2	94	7	0	7	
EZBEKIYA	00	0	10	02	1	6	Ci	25.3	+8.0	10	20	-2	8	-1	76	6	0	15	17
GÎZA	00	0	10	02	1	6	Ci	25.4	+8.1	9	20	-1	6	0	88	7	0	43	18
HELWÂN	20	6	7	05	2	7	CS	25.5	+7.9	12	18	-3	10	+1	55	3	0	3	18
FAIYÛM	360	6	35	02	2	8	AS	25.5	+8.4	10	21	-2	8	0	76	6	0	13	6
MINYA	340	7	8	02	1	4	Ci	24.1	+4.9	11	20	-2	6	0	67	5	0	1	
ASYÛT MANQABÂD	230	4	8	10	2	6	Ci	23.7	+5.4	8	20	-2	6	-1	82	5	0	2	
NAGʿ HAMMÂDI	00	0		02	2	6	SC, AC	22.7	+5.5	12	24	+1	8	+2	63	5	0	0.1	
QENA	270	1	35	02	1	4	Ci	21.8	+5.4	13	27	+1	6	-2	67	7	0	1	
LUXOR	40	2	30	03	1	6	Ci	22.1	+5.1	14	24		14		48	3	0	1	
ASWÂN	340	4	50	01	1	2	Ci	19.8	+2.4	16	25	-1	12	0	49	5	0	0.1	
SÎWA											21	-1							6
BAHARÎYA	40	4	35	02	2	8	Ci	25.1	+7.3	12?	19	-4	9	+2	78	8	0	dr.	6
FARAFRA	360	3	35	03	2	5	CS	25.5		8?	20		8		71	3	0	0	
DAKHLA	340	15	50	03	0	3	Ci	22.8	+4.5	12	22	-3	10	+3	33	-4	0	0	
KHARGA	360	2	15	02	2	2	AS	21.1	+3.6	14	21	-4	11	+3	48	3	0	0	
SUEZ			35	00	0	0	—	25.0	+8.4	11	20	-1	5	-5	63	4	0	31	12
TÔR	40	5	35	01	2	5	AC	22.7	+6.4	14	20	-2	10	0	[illegible]	-1	0	Rain	11
HURGHADA	270	2	14	03	2	6	CS	21.1	+4.2	14	20	-1	11	+1	48	3	0	dr	
QUSEIR	360	13	15	03	1	3	Ci	20.8	+5.2	18	21	-2	16	+1	46	6	0	8	4
PORT SÛDÂN	310	16	30	01	2	7	SC	17.7		23	28		21		69	17	0		
WÂDI HALFA	360	8	30	02	0	0	—	17.2		13	27		10		44	1	0		
ABU HAMAD	360	2	30	02	0	0	—			20	34		17		26	0	0		
KAREIMA	40	7	30	02	0	0	—	14.5		21	35		19		23	-1	0		
ʿATBARA	30	16	10	07	0	0	—	12.3		23	38		21		53	13	0		
KHARTÛM	360	16	15	05	0	0	—	13.5		24	38		21		32	6	0		
KASSALA	40	8	30	02	0	0	—	9.3		25	40		21		61	17	0		
WÂD MEDANI		13	35	02	0	0	—	10.3		25	39		21		54	15	0		
RENK																			
ROSEIRES	310	2	35	02	0	0	—			27			20		40	12	0		
EL OBEID	300	13	7	05	0	0	—	12.6		21	36		19		23	-1	0		
EL FÂSHER	00	0	7	05	0	0	—			16	35		15		20	-7	0		
GENEINA	40	12	7	05	0	0	—			19	36		17		19	-5	0		
MALAKÂL	00	0	10			0	—	9.5		27	40		14		35	10	0		
WÂU																			
JUBA	180	5																	

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	50	-15
Ezbekiya	50	-12
Giza	61	-5
Helwan	60	+10

GÎZA
GRASS MINIMUM TEMP.
on 21st 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~~ Alex. AIRPORT — On 20th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	206	16		10	10
950					
900					
850	1563	4		10	10
800					
700	3140	2		310	25
600					
500	5788	-12		290	54
400	7478	-19		290	59
300	9563	-33		290	83

AIRPORT — On ... At ...

Pressure 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	S. Barani		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Farafra		Alex. A.P.		Almaza	
Time	14		14		14		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	340	7	320	15	320	29	360	14	330	18	350	14	350	17	70	4	350	24	10	23	10	9	350	10	40	13
600	320	5	320	14	40	36	10	16	360	13	330	18	360	29	70	4	350	23	10	28	20	17	340	10	30	20
1000	330	7	330	12	350	5	10	14	20	16	340	9	10	26	30	4	350	31	20	27	20	15	340	10	20	12
1500	310	7	320	7	350	9	350	15	360	23	10	21	340	21	20	7					20	12			320	3
2000			310	15			340	16	340	12	340	23			10	9					20	3			350	12
3000			310	26					300	32					310	17										
4000			290	40											290	33										
5000			300	45																						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

Station	Sîdi Barâni		Matrûh		~~Farouk~~ Alex. Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		5		8				3				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	340	14	330	8	10	14			250	4			360	12	350	8					330	22	20	10
600	340	10	330	8	360	13			250	5			10	16	340	15					330	9	10	20
1000	330	10	340	12	60	6			240	4			10	15	10	18					300	3	20	14
1500	310	12	350	12	10	11			250	4			10	10	240	3							40	6
2000	300	17			320	2			260	4			290	10	300	21							280	9
3000	250	20							250	3			290	19	270	27							280	17
4000									230	4					290	35							280	31
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			8		8		8		5		4		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			120	11	160	14	10	25	20	15														
600			120	10	180	19	10	23	20	13	30	27	50	32	10	19							360	11
1000			110	14	130	14	30	22	70	18	40	25	50	29	30	36			10	29	340	7	10	24
1500			120	14	160	16	70	9	40	23	40	23	30	23	30	29			40	25	20	12	30	30
2000			120	24	80	8	20	5	360	18									20	13	100	32	40	11
3000									310	5	10	18	70	16	50	13					120	11	40	6
4000																					20	9		
5000									290	16			90	10									100	4
6000									250	15			120	9										
7000													150	7										
8000																								

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

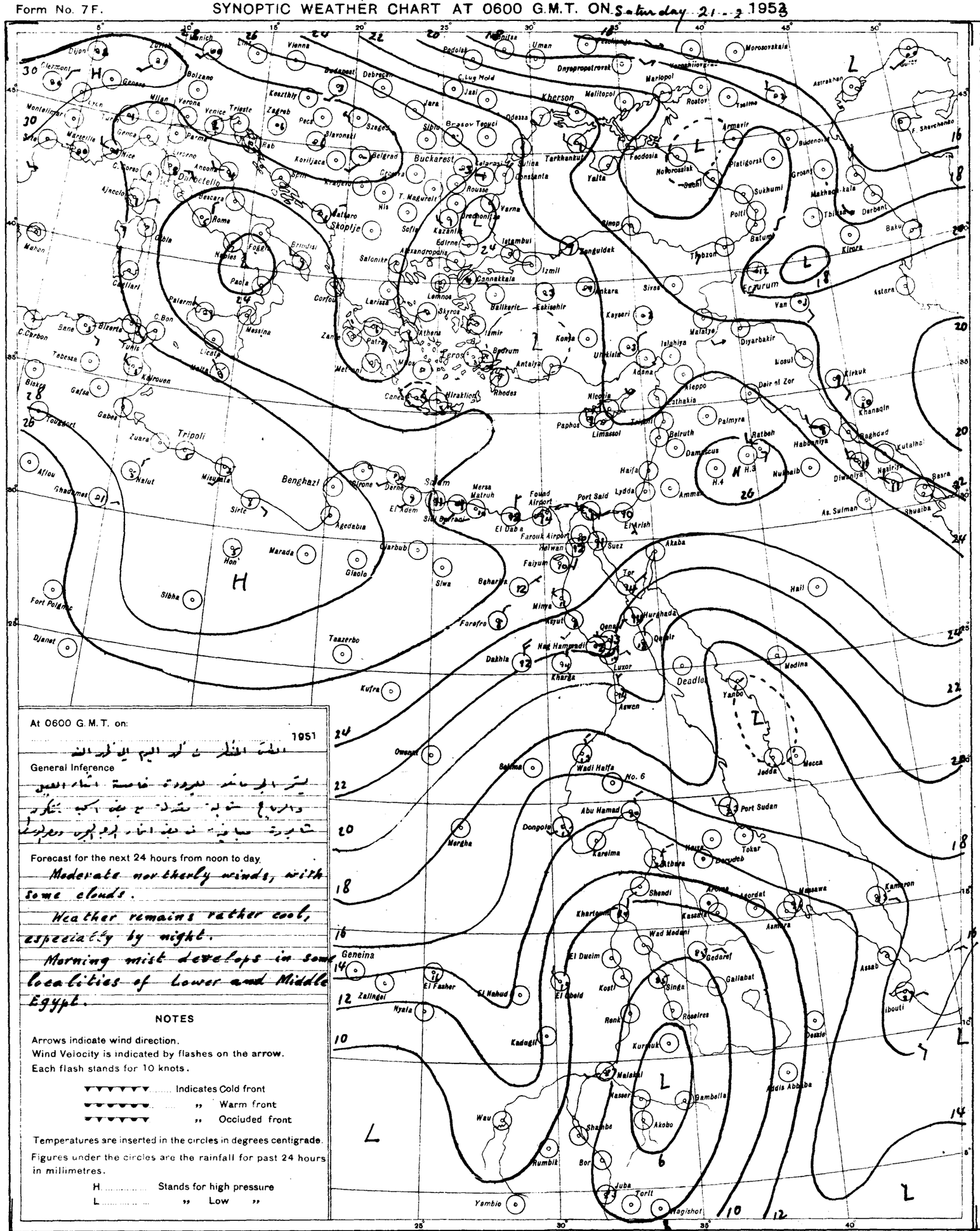
Note: All times are G.M.T.

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

Annual Subscription ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 21-2-1953



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

Moderate northerly winds, with some clouds.

Weather remains rather cool, especially by night.

Morning mist develops in some localities of Lower and Middle Egypt.

NOTES

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

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

Temperatures are inserted in the 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 7 F.

DAILY WEATHER REPORT

Date: Sunday 22nd February 1952 3

At 1200 on Saturday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	40	7	35	03	2	7	AS	25.1	16	49	5
	303	SÎDI BARÂNI	320	6	18	02	2	7	Cu, AC	25.3	15	55	6
	306	MATRÛH	310	9	18	02	2	7	Cu, AC	24.3	16	52	6
	309	EL DAB'A	340	9	35	02	1	5	Cb	23.9	16	49	5
		ALEXANDRIA	310	16	50	03	2	7	SC	23.9	16	59	8
	318	FÛKA (Airport) Alex.	350	6	18	03	2	7	SC, Ci	23.9	18	49	7
	330	DAMIETTA	320	5	35	01	1	5	Cu	23.5	16	59	8
	333	PORT SA'ÎD	10	3	30	02	2	5	SC, Ci	22.9	16	56	7
	336	EL 'ARISH	350	3	30	03	2	6	Ci	22.4	16	52	6
Lower Egypt	339	DAMANHUR	40	5	15	02	1	6	Cu	23.6	18	46	6
	342	MANSURA	40	5	35	03	2	5	Cu	23.6	19	46	7
	348	TANTA	360	5	35	01	1	3	Cu, AS	23.5	19	52	9
	354	ZAGAZIG	00	0	50	02	1	4	Cu	23.5	20	56	11
	440	ISMA'ILÎA	20	5	35	03	2	8	AC, Ci	22.7	18	37	3
Cairo Area	366	FAROUK (Airport) Cairo	70	9	30	03	2	6	CS	23.0	18	49	7
	372	ALMÂZA	20	11	30	02	2	6	Ci	22.1?	18	46	6
		EZBEKIYA	360	4	18	01	2	5	AC	22.8	18	49	7
		GÎZA	360	4	18	01	2	5	AC	22.6	18	46	6
	378	HELWÂN	360	11	15	03	2	8	CC	22.6	18	37	3
Upper Egypt	381	FAIYÛM	360	6	35	02	2	7	AS	22.2	19	46	7
	387	MINYA	360	15	8	03	1	5	AC, Ci	21.1	18	46	6
	393	ASYÛT MANQABÂD	310	10	30	02	2	6	Ci	20.3	20	35	4
	399	NAG' HAMMADI	00	0	7	02	2	5	AS	18.2	24	38	9
	402	QENA	270	2	50	03	1	6	Ci	17.2	25	34	8
	405	LUXOR	330	4	30	02	2	7	Ci	17.5	24	26	3
	414	ASWÂN	360	8	50	01	1	2	Ci	15.4	27	20	2
Oases	417	SÎWA	40	6	14	03	2	7	SC, AC	25.2	19	35	3
	420	BAHARÎYA	360	3	35	02	2	7	AS	22.8	17	60	9
	423	FARAFRA	360	9	35	03	2	7	CS	23.5	20	24	-1
	432	DAKHLA	50	11	15	01	2	7	Ci	20.3	22	21	-1
	435	KHARGA	360	9	15	03	2	8	CS	18.4	23	18	-3
Red Sea	450	SUEZ	360	5	50	03	0	6	Cu	21.4	18	28	-1
	459	TOR	310	13	35	03	1	6	AC	19.8	20	64	13
	462	HURGHADA	340	13	18	02	2	5	Ci	18.9	19	64	12
	465	QUSEIR	360	13	15	03	1	6	AS	17.8	21	57	12
	641	PORT SUDÂN	20	17	30	02	1	1	Cu	12.9	27	70	21
North Sûdân	600	WÂDI HALFA	10	17	30	02	0	0	—	10.4	27	16	-1
	640	ABU HAMAD	70	2	30	02	0	0	—		35	12	1
	660	KAREIMA	20	7	30	02	0	0	—	8.9	33	20	7
	680	'ATBARA	70	8	10	05	0	0	—	6.4	34	20	8
	721	KHARTUM	10	16	30	02	0	0	—	5.8	33	26	11
	730	KASSALA	50	2	30	02	0	0	—	3.1	37	24	13
Central Sûdân	751	WAD MEDANI	360	9	30	02	0	0	—	4.1	36	25	13
	801	RENK	310	19	35	02	0	2	AC	5.6	37	37	20
	802	ROSEIRES	310	2	35	02	0	0	—		39	20	12
	771	EL OBEID											
	760	EL FÂSHER	50	9	7	02	0	0	—		32	9	-5
	770	GENEINA											
S. Sûdân	840	MALAKÂL	00	0	30	02	0	0	—	4.0	38	15	7
	880	WAU											
	941	JUBA	90	2	30	03	2	8	Cu, Ci	2.3	39	28	12

At 1800 on Saturday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	9	15	00	0	0	—	25.0	13	55	4	0
SÎDI BARÂNI	330	7	14	02	0	1	Cu	24.6	14	52	4	0
MATRÛH	330	6	2?	01	2	3	SC	24.6	13	63	6	0
EL DAB'A	340	3	7	02	1	5	Cb	25.2	14	55	5	0
ALEXANDRIA	40	10	35	02	2	6	NS	24.3	14	67	8	0
FÛKA (Airport) Alex.	10	3	14	02	2	6	SC	24.2	14	67	8	0
DAMIETTA	220	2		02	2	6	Cu	23.5	15	68	9	0
PORT SA'ÎD	10	6	14	03	2	6	SC	23.6	15	68	9	0
EL 'ARISH												
DAMANHUR	40	9	7	02	1	2	Ci	23.9	14	67	8	0
MANSURA	20	5		03	2	5	Cu	23.8	14	67	8	0
TANTA	360	2	35	03	2	5	SC, Cu	24.0	15	77	11	0
ZAGAZIG	00	0	35	02	1	4	Cu	24.0	14	67	8	0
ISMA'ILÎA	20	2	35	03	2	8	AS	22.8	14	55	5	0
FAROUK (Airport) Cairo	40	10	12	02	2	4	AC	22.2	15	68	9	0
ALMÂZA	20	16	12	03	2	6	AC	22.7?	14	77	10	0
EZBEKIYA	20	6	10	03	1	7	AC	22.4	16	68	10	0
GÎZA	20	6	10	03	1	7	AC	22.4	15	59	7	0
HELWÂN	340	8	15	03	2	8	AC	22.4	15	59	7	0
FAIYÛM	00	0	35	03	2	8	AS	21.6	16	59	8	0
MINYA	350	5	8	03	1	8	AC	21.6	14	63	7	0
ASYÛT MANQABÂD	290	7	10	01	2	7	AC, CS	21.2	15	52	5	0
NAG' HAMMADI	290	1		02	2	7	AS	18.7	17	52	7	0
QENA	270	1	7	02	1	2	Ci	19.0	18	46	6	0
LUXOR	230	4	12	02	2	7	CS	17.8	18	40	4	0
ASWÂN	340	8	15	00	0	0	—	16.6	23	24	1	0
SÎWA												
BAHARÎYA	360	2	15	02	2	7	AC	22.7	15	68	9	0
FARAFRA	360	5	15	01	2	5	Ci	23.5	15	39	1	0
DAKHLA	340	15	7	03	2	7	Ci	20.7	18	28	-1	0
KHARGA	360	6	15	02	2	8	Ci	19.1	18	28	-1	0
SUEZ	360	7	15	02	0	6	Cu	22.3	14	55	5	0
TOR	360	2	15	03	2	8	CS	18.8	19	52	9	0
HURGHADA	310	18	12	02	2	5	Ci	18.5	18	60	10	0
QUSEIR	330	5	15	01	1	2	Ci	19.1	20	56	11	0

At 0600 on Sunday 22nd February, 1953

Wind 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
290	13	15	03	2	8	AS	22.8	+6.1	10	18	-1	9	0	62	3	0	16		SALUM
330	8	15	02	2	7	SC, AC	22.2		14	17		12		45	2	0	92		SÎDI BARÂNI
260	5	18	01	2	7	Cu, AS	21.8	+5.1	12	17		8		63	5	0	37		MATRÛH
250	7	15	02	1	4	Cu	21.5		11	17		10		77	7	0	75		EL DAB'A
360	10	50	03	2	8	SC	22.0	+5.0	15	19	-1	14	+3	48	4	0	91	165	ALEXANDRIA
00	0	12	03	2	8	SC, CS	21.6	+4.3	14	19	0	9	-1	63	7	0	92	128	FÛKA (Airport) Alex.
180	2	3	10	2	8	SC	21.6	+5.2	12	18	-1	10	+1	77	8	0	30	86	DAMIETTA
10	4	14	03	2	7	SC, Ci	21.5	+4.4	15	18	-1	14	+2	59	7	0	42		PORT SA'ÎD
170	2	18	03	2	8	AC	20.5	+3.3	12			8		72	7	0	12		EL 'ARISH
310	5	15	02	1	7	AC, Ci	22.0	+5.5	12	19	-2	10	+2	77	8	0	25	78	DAMANHÛR
90	3	15	03	2	8	St	21.5	+5.0	12	19	-2	10	+2	77	8	0	26	38	MANSÛRA
00	0	7	03	2	8	St	22.0	+5.1	11	19	-3	7	0	88	9	0	7	30	TANTA
00	0	35	02	1	4	Cu	21.9	+4.8	10	21	0	7	0	88	8	0	15	20	ZAGAZIG
270	2	35	03	2	8	AS	21.6		12	19		10		77	8	0	20		ISMAÎLIA
00	0	11	03	2	7	AC, CS	22.2		12	18		8		63	5	0	4		FAROUK (Airport) Cairo
00	0	12	03	2	8	AC, Ci	21.7	+3.7	10	18	-3	8	-1	88	8	0	7		ALMÂZA
00	0	8	02	2	8	AS, Ci	21.8	?+3.5	12	20	-2	10	+1	77	8	0	15	17	EZBEKÎYA
00	0	8	02	2	8	AS, Ci	21.2	+3.9	10	19	-2	7	+1	88	8	0	43	18	GÎZA
360	4	3	05	2	7	CS	21.8	+4.3	11	18	-3	10	+1	77	7	0	3	19	HELWÂN
260	6	35	02	1	3	AS	21.6	+4.6	11	20	-3	9	+1	88	9	0	13	6	FAIYÛM
350	9	10	02	1	0	—	21.1	+2.0	12	19	-3	8	+2	77	8	0	1		MINYA
290	5	10	01	1	1	AC	20.8	+2.5	11	21	-1	8	+1	67	5	0	2		ASYÛT MANQABAD
00	0		01	1	4	AC, Ci	19.4	+2.3	11	25	+1	9	+3	88	9	0	0.1		NAG' HAMMÂDI
270	1	35	03	1	3	Ci	18.4	+2.0	15	27	+1	9	+1	59	7	0	1		QENA
00	0	30	03	1	6	CS	17.8	+0.8	14	26		11		55	5	0	1		LUXOR
20	7	15	03	2	4	AC	16.6	-0.7	17	28	+2	15	+3	34	1	0	0.1		ASWÂN
340	4	14	03	0	4	Ci	24.7	+6.0	8			5	-1	76	4	0	1	6	SÎWA
360	2	35	02	1	1	AC	23.0	+5.2	11	18	-5	9	+2	88	9	0	dr.	6	BAHARÎYA
360	3	35	00	1	0	—	23.0		9	20		7		71	4	0	0		FARAFRA
200	11	50	03	0	4	Ci	21.4	+3.2	14	22	-3	10	+3	27	-5	0	0		DAKHLA
40	5	15	02	2	4	Ci	18.8	+1.4	13	24	-1	11	+3	67	7	0	0		KHARGA
360	2	35	00	0	2	Cu	21.1	+4.6	13	20	-2	7	-3	63	6	0	31	12	SUEZ
40	2	35	01	1	4	AC	18.6	+2.4	16	22	0	9	-1	49	5	0	Rain	11	TÔR
300	20?	18	02	1	2	Cu, Ci	17.6	+0.8	16	20	-1	12	+2	57	8	0	dr		HURGHADA
360	9	15	03	1	5	AC	17.1	+1.6	18	21	-2	16	+1	46	6	0	8	4	QUSEIR
																			PORT SÛDÂN
																			WÂDI HALFA
																			ABU HAMAD
																			KAREIMA
																			'ATBARA
																			KHARTÛM
																			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
																			EL OBEID
																			EL FÂSHER
																			GENEINA
																			MALAKÂL
																			WÂU
																			JUBA

HUMIDITY %

Mean of day

Station	on 21st.	Diff. from normal
Alexandria	57	-8
Ezbekiya	65	+4
Giza	66	0
Helwan	60	+10

GIZA

GRASS MINIMUM TEMP.

on 22nd 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

Cairo AIRPORT On 21st At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	189	16		10	9
950					
900					
850	1537	8		10	4
800					
700	3116	0		290	22
600					
500	5725	-18			
400	7355	-29			
300	9345	-46			

AIRPORT On At

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

AIRPORT On At

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

UPPER WIND OBSERVATIONS on 21st.

Station	Matruh		Alex. A.P.		Port Said		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		Almaza		Alex. A.P.	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	18	340	5	350	12	10	10	350	16	330	19	350	15	20	10	10	11	20	15	340	21	40	20	10	7
600	320	19	340	8	340	11	10	15	00	0	350	22	350	13	10	13	10	12	20	20	320	12	30	20	350	9
1000	320	19	340	9	340	10	20	21	00	0	360	19	30	14	10	14	360	16	20	22	300	14	10	23	10	13
1500	320	10			330	15	320	35	360	16	330	20			350	7	340	14	20	14	330	7	360	13	340	16
2000	270	14			330	16	300	27	350	15	310	23			350	5					300	19	280	7	330	14
3000	280	22					320	30							290	25							300	18		
4000															260	43										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni		Matrûh		Alex. Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		5		8		8		3		8 15		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	310	7	320	11	320	6	350	6	300	4	350	5	350	10	330	10							20	14
600	310	10	320	12	320	11	360	7	330	6	20	8	350	16	360	14							20	20
1000	310	10	320	12	330	10	360	11	350	6	10	18	340	14	340	16							20	19
1500					250	10	340	14			330	9	340	10	290	7							30	19
2000					280	18	340	16			270	15	260	13										
3000					250	20	300	23					230	6										
4000					260	5	270	22																
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			30	34	?340	4	10	16																
600			30	48	360	3	360	26																
1000					360	3	10	28																
1500					360	6	360	7																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

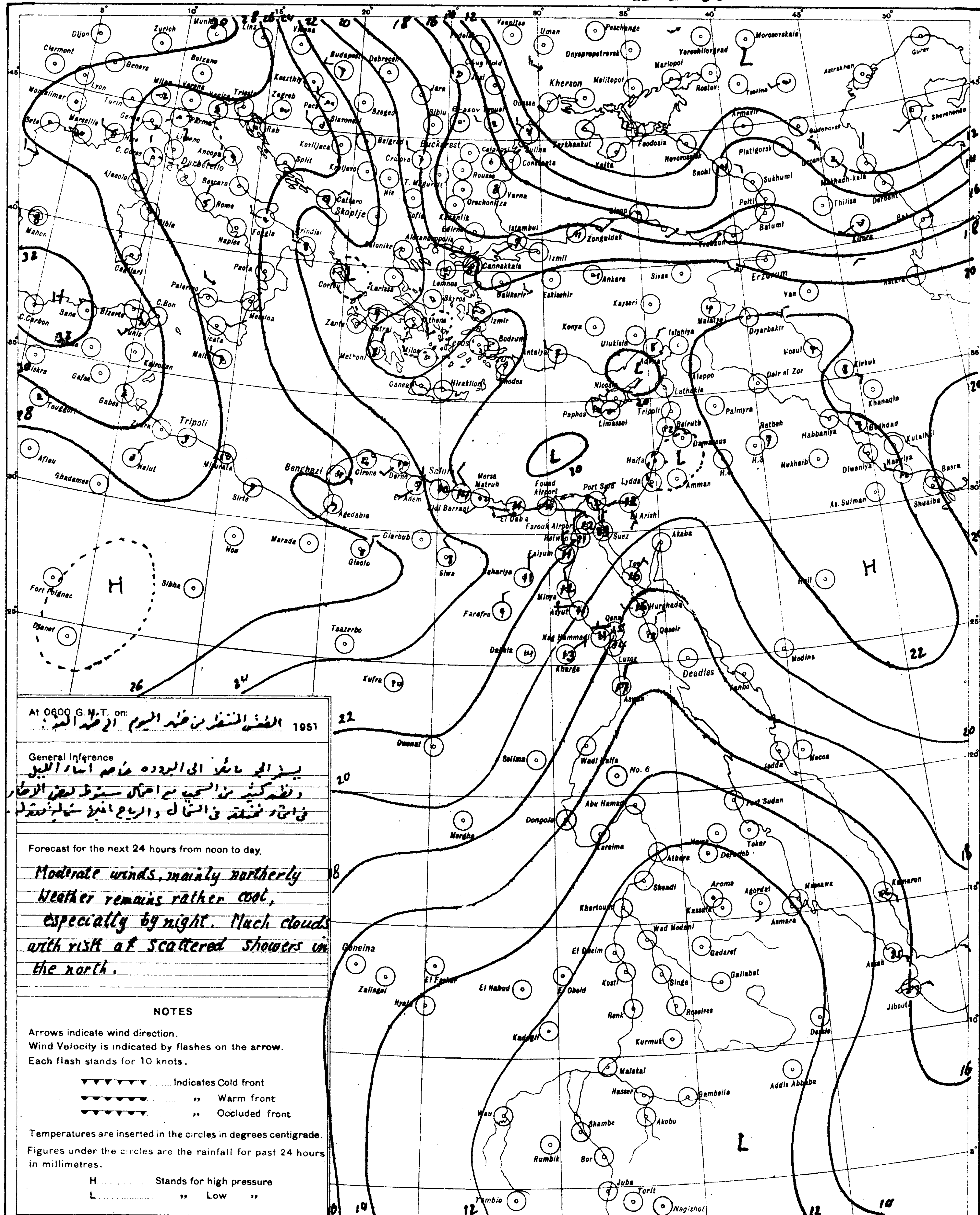
Remarks:
1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription ...

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 22-2-53 1952



At 0600 G.M.T. on: الطقس المنتظر من ظهر اليوم الى ظهر الغد : 1951

General Inference

يميل الجو مائلا الى البروده خاصه اثناء الليل
ويظهر كثير من السحب مع احتمال سقوط بعض الامطار
في انحاء متفرقه في الشمال والرياح اغلبها شماليه معتدله.

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly northerly
Weather remains rather cool,
especially by night. Much clouds
with risk of scattered showers in
the north.

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 28 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: Monday 23rd February, 1952 3

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	360	9	35	03	2	6	Cu	21.6	16	49	5
	303	SÎDI BARÂNI	20	12	18	02	2	5	Cu, Ci	20.0	16	45	4
	306	MATRÛH	320	14	18	02	2	6	Cb, CS	19.2	16	52	6
	309	EL DABʻA	340	27	35	02	1	7	St	19.1	17	56	8
		ALEXANDRIA	310	10	50	02	2	7	CC	18.8	16		
	318	Alex. (Airport)	340	8	18	02	2	7	Cu, AS	18.7	17	49	6
	330	DAMIETTA	320	2	7	02	2	7	SC	19.1	15	68	9
	333	PORT SAʻÎD	360	8	18	02	2	7	CS	18.4	16	56	7
	336	EL ʻARISH	280	2	30	01	2	6	Cu, AS	17.0	16	52	6
Lower Egypt	339	DAMANHUR	310	9	15	02	1	7	AC	18.8	17	52	7
	342	MANSURA	360	5	15	03	2	8	NS	18.4	17	52	7
	348	TANTA	270	2	15	03	2	8	St	19.0	18	52	8
	354	ZAGAZIG	00	0	50	02	1	7	Cu	18.7	18	60	10
	440	ISMAʻILIA	340	5	35	03	2	7		17.5	19	37	4
Cairo Area	366	Cairo (Airport)	240	13	18	03	2	7	SC, Ci	18.1	17	60	9
	372	ALMÂZA	340	10	30	02	2	5	SC, CC	17.7	17	52	7
		EZBEKIYA	330	3	18	01	2	6	Cu, Ci	17.5	18	52	8
		GÎZA	330	3	18	01	2	6	Cu, Ci	18.0	18	46	6
	378	HELWÂN	340	6	15	02	2	7	Cu, Ci	17.5	18	46	6
Upper Egypt	381	FAIYÛM	360	4	35	02	1	3	AS	18.2	20	41	6
	387	MINYA	350	15	12	02	1	3	Ci	17.6	20	38	5
	393	ASYÛT MANQABÂD	310	12	18	03	1	6	CS	16.6	20	41	6
	399	NAGʻ HAMMÂDI	290	21	7	02	2	4	AC, Ci	14.8	22	50	11
	402	QENA	270	2	50	02	1	2	Ci	12.7	25	42	11
	405	LUXOR											
	414	ASWÂN	20	6	50	03	2	8	NS	11.6	25	22	2
Oases	417	SÎWA	330	6	14	03	2	6	Cu, AS	21.9	19	40	5
	420	BAHARÎYA	360	2	35	02	2	4	AC	19.2	18	60	10
	423	FARAFRA	350	12	35	03	2	5	CS	20.4	18	37	3
	432	DAKHLA	340	15	35	01	1	3	Ci	17.2	20	24	-1
	435	KHARGA	360	6		02	2	7	AC	15.1	22	21	-1
Red Sea	450	SUEZ	360	3	50	03	0	3	Cu	16.8	18	46	6
	459	TÔR	310	19	35	01	1	4	Ci	14.7	20	56	11
	462	HURGHÂDA	330	14	18	03	2	6	CS	14.4	19	32	2
	465	QUSEIR	360	13	15	01	1	2	AC	14.3	21	57	12
	641	PORT SÛDÂN	20	14	30	03	0	3	Cu, Ci	10.4	26	70	20
North Sûdân	600	WÂDI HALFA	360	15	30	03	1	7	CS	10.6	28	11	-5
	640	ABU HAMAD	90	4	30	03	1	6	Ci		36	15	6
	660	KAREIMA	350	6	30	02	0	1	CS	6.9	34	18	6
	680	ʻATBARA											
	721	KHARTÛM	340	11	30	02	0	0	—	4.8	34	20	8
	730	KASSALA	270	2	30	02	0	0	—	0.4	39	21	13
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	20	7	30	02	0	0	—	4.8	33	21	8
	760	EL FÂSHER	70	5	30	02	0	0	—		32	8	-7
	770	GENEINA	50	12	30	02	0	0	—		33	5	-12
S. Sûdân	840	MALAKÂL	360	7	10	05	0	0	—	1.9	39	16	9
	880	WAU	70	5	10	04	0	0	—	3.1	37	17	8
	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	320	7	15	00	0	0	—	19.9	13	44	1	0
SÎDI BARÂNI	310	12	14	02	2	4	Cu	19.3	14	55	5	0
MATRÛH	300	8	14	02	1	5	Sc, Ac	18.3	13	72	8	0
EL DABʻA	340	13	7	01	1	3	Cu	18.0	14	55	5	0
ALEXANDRIA	310	15	35	02	2	6	Cu, Ac	17.9	15	63	8	0
Alex. (Airport)	00	0	12	01	2	5	SC	17.4	14	67	8	0
DAMIETTA	290	2		02	2	5	SC	17.6	14	67	8	0
PORT SAʻÎD	00	0	15	03	2	7	CS	16.9	14	67	8	0
EL ʻARISH	330	2	14	02	2	7	AS	15.3	14	59	6	0
DAMANHUR	310	9	15	02	1	4	AC	18.0	[illegible]	67	7	0
MANSURA	20	5		03	2	8	NS	17.1	14	67	8	0
TANTA	00	0	15	03	2	8	St	17.4	12	77	8	0
ZAGAZIG	00	0	35	02	1	0	—	16.8	13	77	9	0
ISMAʻILIA	360	5	35	03	2	8	AS	16.8	15	59	7	0
Cairo (Airport)	340	5	12	01	2	4	AC, Ci	17.2	14	77	10	0
ALMÂZA	340	7	12	01	2	3	AC	17.2	14	77	10	0
EZBEKIYA	360	2	10	02	2	6	AC, Ci	17.2	15	72	10	0
GÎZA	360	2	10	02	2	6	AC, Ci	17.5	14	67	8	0
HELWÂN	340	9	7	01	1	4	AC	17.2	14	55	5	0
FAIYÛM	00	0	35	02	1	3	AS	16.6	14	67	8	0
MINYA	350	3	8	03	1	7	CS	16.9	13	59	5	0
ASYÛT MANQABÂD	280	2	8	03	1	3	AC	16.3	13	59	5	0
NAGʻ HAMMÂDI				02	2		AS	14.8	16	59	8	0
QENA	270	2	7	02	1	2	Ci	14.2	16	59	8	0
LUXOR	270	2	12	02	2	6	CS	13.8	18	46	6	0
ASWÂN	360	6	50	01	1	2	Ci	12.3	21	20	-3	0
SÎWA												
BAHARÎYA	320	2	15	02	2	6	Ac	18.3	15	68	9	0
FARAFRA	350	6	15	01	2	5	CS	19.1	15	39	1	0
DAKHLA	320	11	35	00	0	0	—	16.8	16	24	-5	0
KHARGA	360	6	15	02	2	7	Ci	14.7	20	24	-1	0
SUEZ	360	2	15	03	0	5	Cu	16.5	14	67	8	0
TÔR	360	5	15	01	1	2	Ci	13.4	18	52	8	0
HURGHÂDA	300	18	12	02	1	3	Ci	13.1	18	52	8	0
QUSEIR	360	9	15	02	1	2	Ci	13.0	20	56	11	0

At 0600 on Monday 23rd February, 1953

Station	Wind 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	290	9	15	00	0	0	—	17.4	+0.7	9	18	-1	7	-2	62	2	0	16	
SÎDI BARÂNI	310	9	15	02	8	5	Cu	16.6		14			11		59	6	0.2	92	
MATRÛH	270	10	18	03	1	6	Cu	15.7	-1.0	10	17		9		88	8	0.5	37	
EL DABʻA	270	15	15	02	1	5	Cb	15.1		11	17		9		88	9	0	75	
ALEXANDRIA	310	19	50	03	8	4	Cu	14.7	-2.3	15	18	-2	13	+2	48	4	dr.	91	166
Alex. (Airport)	330	12	18	02	2	4	Cu, Ci	14.2	-3.1	14	18	-1	13	+3	63	7	0	92	129
DAMIETTA	220	5	7	01	6	1	Cu	13.6	-2.8	11	17	-2	9	0	88	9	1	31	87
PORT SAʻÎD	280	13	15	01	2	4	Cu, AC	12.9	-4.1	14	18	-1	12	0	67	8	0	42	
EL ʻARISH											18								
DAMANHÛR	310	9	15	02	1	1	Ci	14.6	-1.9	12	18	-3	8	0	77	8	0	25	79
MANSÛRA	220	5	35	03	2	3	Sc, Cu	14.4	-2.1	10	18	-3	9	+1	76	6	0	26	38
TANTA	00	0	35	01	1	1	Cu	14.6	-2.3	10	19	-3	8	+1	88	8	0	7	31
ZAGAZIG	00	0	35	01	1	2	Cu	13.9	-3.1	10	20	-1	8	+1	88	8	0	15	20
ISMAʻILIA	270	5	35	03	2	8	AC	14.2		12	20		8		63	5	0	20	
Cairo (Airport)	250	8	12	02	2	6	AC, Ci	15.0		11	18		10		82	8	0	4	
ALMÂZA	250	7	12	02	2	6	AC	14.8	-3.2	11	18	-3	10	0	54	2	0	7	
EZBEKÎYA	00	0	8	02	2	6	AC	15.2	-2.0	12	19	-3	10	+1	72	7	0	[illegible]	18
GÎZA	00	0	8	02	2	6	AC	15.7	-1.5	13	20	-1	8	+2	67	7	0		18
HELWÂN	00	0	15	03	2	7	AC	15.6	-1.8	11	18	-3	9	0	77	7	0		19
FAIYÛM	00	0	35	02	2	7	AS	15.9	-1.1	12	21	-2	9	+1	77	8	0	13	6
MINYA	360	5	8	02	1	6	AC	16.8	-2.2	12	21	-1	8	+2	67	6	0	1	
ASYÛT MANQABÂD	290	4	12	01	1	4	AC, Ci	16.1	-2.1	12	20	-2	10	+3	59	4	0	2	
NAGʻ HAMMÂDI	270	1		02	2	7	Sc, AC	15.2	-1.9	14	24	0	12	+6	67	8	0	0.1	
QENA	270	1	15	03	1	7	NS	14.3	-2.0	16	26	0	10	+1	49	5	0	1	
LUXOR	340	9	14	03	2	7	Cu, AS	13.4	-3.5	16	26		13		49	5	0	1	
ASWÂN	340	10	1.5	09	3	8	NS	13.3	-3.9	16	26	-1	14	+2	49	5	0	0.1	
SÎWA	310	6	14	01	0	0	—	20.0	+1.3	9			7	+1	71	4	0	1	6
BAHARÎYA	320	2	35	02	2	7	Ac	18.3	+0.6	11	19	-4	10	+3	77	7	0	dr	6
FARAFRA	360	5	35	03	2	6	AC, Ci	19.0		12	19		10		55	3	0	0	
DAKHLA	340	15	50	01	0	8	Ci	17.5	-0.6	12	21	-4	10	+3	44	0	0	0	
KHARGA	360	6	15	02	2	7	AC	15.2	-2.2	14	23	-2	12	+4	55	5	0	0	
SUEZ	310	4	35	00	0	6	SC	13.5	-3.0	14	21	-1	7	-3	55	5	0	31	12
TÔR	310	19	35	03	2	8	AC						15	+5		4	0	Rain	11
HURGHADA	300	22	14	02	2	8	Ac	12.8	-3.9	16	19	-2	15	+5	59	8	0	dr	
QUSEIR	360	8	15	03	2	8	As	11.6	-3.9	18	22	-2	16	+1	52	8	0	8	4
PORT SÛDÂN	340	12	30	03	2	8	SC, AC	9.5		24	28		23		74	19	0		
WÂDI HALFA	360	11	30	02	2	6	AC, Ci	13.3		15	30		11		42	2	0		
ABU HAMAD	50	6	30	01	2	0	—			21	37		19		16	-6	0		
KAREIMA	30	3	30	02	0	1	CS	9.3		20	35		18		21	-3	0		
ʻATBARA	350	8	30	02	0	0	—	7.1		23	35		20		26	2	0		
KHARTÛM	340	12	30	02	0	0	—	6.2		24	35		21		18	-2	0		
KASSALA	360	1	30	02	0	0	—	5.4		25	40		19		61	17	0		
WÂD MEDANI	360	5	35	02	0	2	CS	6.6		23	37		17		41	9	0		
RENK																			
ROSEIRES																			
EL OBEID																			
EL FÂSHER	00	0	30	02	0	2	Ci			15	34		11		25	-5	0		
GENEINA																			
MALAKÂL	40	2	30	03	1	5	AC	6.2		28	40		23		22	4	0		
WÂU	70	3	10	04	0	1	Ac	6.3		26	39		23		32	8	0		
JUBA	20	3	30	01	2	5	AC, Ci	4.7		30	38		23		52	19	0		

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	55	-10
Ezbekiya	68	+7
Giza	72	+6
Helwan	55	+5

GÎZA
GRASS MINIMUM TEMP on 23rd 5.2 °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

Cairo AIRPORT On 22nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	147	17		20	9
950					
900					
850	1504	4		330	9
800					
700	3081	0		250	22
600					
500	5703	-14		260	45
400	7365	-24		260	92
300	9405	-39			

AIRPORT On At — (blank, pressures 1000 to 300)

AIRPORT On At — (blank, pressures 1000 to 300)

UPPER WIND OBSERVATIONS on 22nd

Height m.	Matrah 14	Alex. A.P. 14	Port Said 14	El Arish 14	Minya 14	Asyut 14	Luxor 14 30	Aswan 14	Dakhla 14	Kharga 14	Port Said 20	Minya 20	Asyut 20
300	320 13	300 4	330 15	360 15	350 10	320 17	280 5	360 10	350 22	10 19	280 17	340 6	340 16
600	320 16	310 9	340 12	330 15	350 20	330 20	290 10	340 13	360 29	10 23	300 19	350 1	340 24
1000	320 16	320 9	350 12	320 13	350 22	350 18	320 17	350 14	10 41	10 27	290 15	350 9	340 26
1500	310 20	320 13	10 9	260 11	350 15	320 20	280 8	70 5		20 23	280 16	20 5	340 18
2000	290 17	310 17		250 17	320 19	270 19	250 22	290 13				30 3	280 22
3000				270 23	270 24								
4000				250 30									
5000				260 31									
6000													
7000													
8000													

UPPER WIND OBSERVATIONS on 23rd

(DIR. VEL.)

Height m.	SÎDI BARÂNI 8	MATRÛH	Alex. AIRPORT	PORT SAʻÎD 2	ELʻARÎSH 8	HELWÂN	MINYA 2	ASYÛT MANQABÂD 2	LUXOR	ASWÂN	HURGHADA	
300	320 14			280 19	270 21		350 5	350 15				
600	330 17			280 26	270 19		340 6	360 26				
1000	320 20			290 16	280 19		350 4	340 28				
1500	310 24			280 36	300 12		330 6	330 34				
2000	310 21				260 20		340 6					
3000					290 10		350 4					
4000					280 23							
5000												
6000												
7000												
8000												

Height m.	SÎWA	BAHARÎYA	DAKHLA 8	KHARGA 8	WÂDI HALFA	ABÛ HAMAD	KAREIMA	KHARTÛM	KASSALA	EL OBEID	EL FÂSHER	MALAKÂL
300			350 19	360 17								
600			360 19	360 24								
1000			360 16	360 25								
1500			320 46	350 33								
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 (49,553) (50-43?)

Annual Subscription P.T. [illegible]

CAIRO

Time of Sunrise 04 28 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: Monday 23rd February, 1953

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	SALŪM	360	9	35	03	2	6	Cu	21.6	16	49	5
	303	SĪDI BARĀNI	20	12	18	02	2	5	Cu, Ci	20.0	16	45	4
	306	MATRŪH	320	14	18	02	2	6	Cb, Cs	19.2	16	52	6
	309	EL DABʿA	340	27	35	02	1	7	St	19.1	17	56	8
		ALEXANDRIA	310	10	50	02	2	7	Cc	18.8	16		
	318	Abq. (FĀYED) (Airport)	340	8	18	02	2	7	Cu, As	18.7	17	49	6
	330	DAMIETTA	320	2	7	02	2	7	Sc	19.1	15	68	9
	333	PORT SAʿĪD	360	8	18	02	2	7	Cs	18.4	16	56	7
	336	EL ʿARISH	280	2	30	01	2	6	Cu, As	17.0	16	52	6
Lower Egypt	339	DAMANHUR	310	9	15	02	1	7	Ac	18.8	17	52	7
	342	MANṢURA	360	5	15	03	2	8	Ns	18.4	17	52	7
	348	TANTA	270	2	15	03	2	8	St	19.0	18	52	8
	354	ZAGAZIG	00	0	50	02	1	7	Cu	18.7	18	60	10
	440	ISMAʿILIA	340	5	35	03	2	7		17.5	19	37	4
Cairo Area	366	Cairo (FAROUK) (Airport)	240	13	18	03	2	7	Sc, Ci	18.1	17	60	9
	372	ALMÂZA	340	10	30	02	2	5	Sc, Cc	17.7	17	52	7
		EZBEKĪYA	330	3	18	01	2	6	Cu, Ci	17.5	18	52	8
		GĪZA	330	3	18	01	2	6	Cu, Ci	18.0	18	46	6
	378	HELWÂN	340	6	15	02	2	7	Cu, Ci	17.5	18	46	6
Upper Egypt	381	FAIYŪM	360	4	35	02	1	3	As	18.2	20	41	6
	387	MINYA	350	15	12	02	1	3	Ci	17.6	20	38	5
	393	ASYŪT MANQABÂD	310	12	18	03	1	6	Cs	16.6	20	41	6
	399	NAGʿ HAMMÂDI	290	21	7	02	2	4	Ac, Ci	14.8	22	50	11
	402	QENA	270	2	50	02	1	2	Ci	12.7	25	42	11
	405	LUXOR											
	414	ASWÂN	20	6	50	03	2	8	Ns	11.6	25	22	2
Oases	417	SĪWA	330	6	14	03	2	6	Cu, As	21.9	19	40	5
	420	BAHARĪYA	360	2	35	02	2	4	Ac	19.2	18	60	10
	423	FARAFRA	350	12	35	03	2	5	Cs	20.4	18	37	3
	432	DAKHLA	340	15	35	01	1	3	Ci	17.2	20	24	-1
	435	KHARGA	360	6		02	2	7	Ac	15.1	22	21	-1
Red Sea	450	SUEZ	360	3	50	03	0	3	Cu,	16.8	18	46	6
	459	TÔR	310	19	35	01	1	4	Ci	14.7	20	56	11
	462	HURGHADA	330	14	18	03	2	6	Cs	14.4	19	32	2
	465	QUSEIR	360	13	15	01	1	2	Ac	14.3	21	57	12
	641	PORT SŪDÂN	20	14	30	03	0	3	Cu, Ci	10.4	26	70	20
North Sūdân	600	WÂDI HALFA	360	15	30	03	1	7	Cs	10.6	28	11	-5
	640	ABU HAMAD	90	4	30	03	1	6	Ci		36	15	6
	660	KAREIMA	350	6	30	02	0	1	Cs	6.9	34	18	6
	680	ʿATBARA											
	721	KHARTŪM	340	11	30	02	0	0	—	4.8	34	20	8
	730	KASSALA	270	2	30	02	0	0	—	0.4	39	21	13
Central Sūdân	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	20	7	30	02	0	0	—	4.8	33	21	8
	760	EL FÂSHER	70	5	30	02	0	0	—		32	8	-7
	770	GENEINA	50	12	30	02	0	0	—		33	5	-12
S. Sūdân	840	MALAKÂL	360	7	10	05	0	0	—	1.9	39	16	9
	880	WAU	70	5	10	04	0	0	—	3.1	37	17	8
	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.
SALŪM	320	7	15	00	0	0	—	19.9	13	44	1	0
SĪDI BARĀNI	310	12	14	02	2	4	Cu	19.3	14	55	5	0
MATRŪH	300	8	14	02	1	5	Sc, Ac	18.3	13	72	8	0
EL DABʿA	340	13	7	01	1	3	Cu	18.0	14	55	5	0
ALEXANDRIA	310	15	35	02	2	6	Cu, Ac	17.9	15	63	8	0
Abq. (FĀYED) (Airport)	00	0	12	01	2	5	Sc	17.4	14	67	8	0
DAMIETTA	290	2		02	2	5	Sc	17.6	14	67	8	0
PORT SAʿĪD	00	0	15	03	2	7	Cs	16.9	14	67	8	0
EL ʿARISH	330	2	14	02	2	7	As	15.3	14	59	6	0
DAMANHUR	310	9	15	02	1	4	Ac	18.0	13	67	7	0
MANṢURA	20	5		03	2	8	Ns	17.1	14	67	8	0
TANTA	00	0	15	03	2	8	St	17.4	12	77	8	0
ZAGAZIG	00	0	35	02	1	0	—	16.8	13	77	9	0
ISMAʿILIA	360	5	35	03	2	8	As	16.8	15	59	7	0
Cairo (FAROUK) (Airport)	340	5	12	01	2	4	Ac, Ci	17.2	14	77	10	0
ALMÂZA	340	7	12	01	2	3	Ac	17.2	14	77	10	0
EZBEKĪYA	360	2	10	02	2	6	Ac, Ci	17.2	15	72	10	0
GĪZA	360	2	10	02	2	6	Ac, Ci	17.5	14	67	8	0
HELWÂN	340	9	7	01	1	4	Ac	17.2	14	55	5	0
FAIYŪM	00	0	35	02	1	3	As	16.6	14	67	8	0
MINYA	350	3	8	03	1	7	Cs	16.9	13	59	5	0
ASYŪT MANQABÂD	280	2	8	03	1	3	Ac	16.3	13	59	5	0
NAGʿ HAMMÂDI				02	2		As	14.8	16	59	8	0
QENA	270	2	7	02	1	2	Ci	14.2	16	59	8	0
LUXOR	270	2	12	02	2	6	Cs	13.8	18	46	6	0
ASWÂN	360	6	50	01	1	2	Ci	12.3	21	20	-3	0
SĪWA												
BAHARĪYA	320	2	15	02	2	6	Ac	18.3	15	68	9	0
FARAFRA	350	6	15	01	2	5	Cs	19.1	15	39	1	0
DAKHLA	320	11	35	00	0	0	—	16.8	16	24	-5	0
KHARGA	360	6	15	02	2	7	Ci	14.7	20	24	-1	0
SUEZ	360	2	15	03	0	5	Cu	16.5	14	67	8	0
TÔR	360	5	15	01	1	2	Ci	13.4	18	52	8	0
HURGHADA	300	18	12	02	1	3	Ci	13.1	18	52	8	0
QUSEIR	360	9	15	02	1	2	Ci	13.0	20	56	11	0
PORT SŪDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʿATBARA												
KHARTŪM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Monday 23rd February, 1953

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
SALUM	290	9	15	00	0	0	—	17.4	+0.7	9	18	-1	7	-2	62	2	0	16	
SĪDI BARÂNI	310	9	15	02	8	5	Cu	16.6		14			11		59	6	0.2	92	
MATRŪH	270	10	18	03	1	6	Cu	15.7	-1.0	10	17		9		88	8	0.5	37	
EL DABʿA	270	15	15	02	1	5	Cb	15.1		11	17		9		88	9	0	75	
ALEXANDRIA	310	19	50	03	8	4	Cu	14.7	-2.3	15	18	-2	13	+2	48	4	dr.	91	166
Abq. (FĀYED) (Airport)	330	12	18	02	2	4	Cu, Ci	14.2	-3.1	14	18	-1	13	+3	63	7	0	92	129
DAMIETTA	220	5	7	01	6	1	Cu	13.6	-2.8	11	17	-2	9	0	88	9	1	31	87
PORT SAʿĪD	280	13	15	01	2	4	Cu, Ac	12.9	-4.1	14	18	-1	12	0	67	8	0	42	
EL ʿARISH											18								
DAMANHŪR	310	9	15	02	1	1	Ci	14.6	-1.9	12	18	-3	8	0	77	8	0	25	79
MANṢŪRA	220	5	35	03	2	3	Sc, Cu	14.4	-2.1	10	18	-3	9	+1	76	6	0	26	38
TANTA	00	0	35	01	1	1	Cu	14.6	-2.3	10	19	-3	8	+1	88	8	0	7	31
ZAGAZIG	00	0	35	01	1	2	Cu	13.9	-3.1	10	20	-1	8	+1	88	8	0	15	20
ISMAʿĪLĪA	270	5	35	03	2	8	Ac	14.2		12	20		8		63	5	0	20	
Cairo (FAROUK) (Airport)	250	8	12	02	2	6	Ac, Ci	15.0		11	18		10		82	8	0	4	
ALMÂZA	250	7	12	02	2	6	Ac	14.8	-3.2	11	18	-3	10	0	54	2	0	7	
EZBEKĪYA	00	0	8	02	2	6	Ac	15.2	-2.0	12	19	-3	10	+1	72	7	0		18
GĪZA	00	0	8	02	2	6	Ac	15.7	-1.5	13	20	-1	8	+2	67	7	0		18
HELWÂN	00	0	15	03	2	7	Ac	15.6	-1.8	11	18	-3	9	0	77	7	0		19
FAIYŪM	00	0	35	02	2	7	As	15.9	-1.1	12	21	-2	9	+1	77	8	0	13	6
MINYA	360	5	8	02	1	6	Ac	16.8	-2.2	12	21	-1	8	+2	67	6	0	1	
ASYŪT MANQABÂD	290	4	12	01	1	4	Ac, Ci	16.1	-2.1	12	20	-2	10	+3	59	4	0	2	
NAGʿ HAMMÂDI	270	1		02	2	7	Sc, Ac	15.2	-1.9	14	24	0	12	+6	67	8	0	0.1	
QENA	270	1	15	03	1	7	Ns	14.3	-2.0	16	26	0	10	+1	49	5	0	1	
LUXOR	340	9	14	03	2	7	Cu, As	13.4	-3.5	16	26		13		49	5	0	1	
ASWÂN	340	10	1.5	09	3	8	Ns	13.3	-3.9	16	26	-1	14	+2	49	5	0	0.1	
SĪWA	310	6	14	01	0	0	—	20.0	+1.3	9			7	+1	71	4	0	1	6
BAHARĪYA	320	2	35	02	2	7	Ac	18.3	+0.6	11	19	-4	10	+3	77	7	0	dr.	6
FARAFRA	360	5	35	03	2	6	Ac, Ci	19.0		12	19		10		55	3	0	0	
DAKHLA	340	15	50	01	0	8	Ci	17.5	-0.6	12	21	-4	10	+3	44	0	0	0	
KHARGA	360	6	15	02	2	7	Ac	15.2	-2.2	14	23	-2	12	+4	55	5	0	0	
SUEZ	310	4	35	00	0	6	Sc	13.5	-3.0	14	21	-1	7	-3	55	5	0	31	12
TÔR	310	19	35	03	2	8	Ac						15	+5		4	0	Rain	11
HURGHADA	300	22	14	02	2	8	Ac	12.8	-3.9	16	19	-2	15	+5	59	8	0	dr.	
QUSEIR	360	8	15	03	2	8	As	11.6	-3.9	18	22	-2	16	+1	52	8	0	8	4
PORT SŪDÀN	340	12	30	03	2	8	Sc, Ac	9.5		24	28		23		74	19	0		
WÂDI HALFA	360	11	30	02	2	6	Ac, Ci	13.3		15	30		11		42	2	0		
ABU HAMAD	50	6	30	01	2	0	—			21	37		19		16	-6	0		
KAREIMA	30	3	30	02	0	1	Cs	9.3		20	35		18		21	-3	0		
ʿATBARA	350	8	30	02	0	0	—	7.1		23	35		20		26	2	0		
KHARTŪM	340	12	30	02	0	0	—	6.2		24	35		21		18	-2	0		
KASSALA	360	1	30	02	0	0	—	5.4		25	40		19		61	17	0		
WÂD MEDANI	360	5	35	02	0	2	Cs	6.6		23	37		17		41	9	0		
RENK																			
ROSEIRES																			
EL OBEID																			
EL FÂSHER	00	0	30	02	0	2	Ci			15	34		11		25	-5	0		
GENEINA																			
MALAKÂL	40	2	30	03	1	5	Ac	6.2		28	40		23		22	4	0		
WÂU	70	3	10	04	0	1	Ac	6.3		26	39		23		32	8	0		
JUBA	20	3	30	01	2	5	Ac, Ci	4.7		30	38		23		52	19	0		

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	55	-10
Ezbekiya	68	+7
Giza	72	+6
Helwan	55	+5

GĪZA GRASS MINIMUM TEMP. on 23rd 5.2 °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

Cairo AIRPORT On 22nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	147	17		20	9
950					
900					
850	1504	4		330	9
800					
700	3081	0		250	22
600					
500	5703	-14		260	45
400	7365	-24		260	92
300	9405	-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		Alex. A.P.		Port Said		El Arish		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		Port Said		Minya		Asyut	
Time	14		14		14		14		14		14		14 30		14		14		14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	13	300	4	330	15	360	15	350	10	320	17	280	5	360	10	350	22	10	19	280	17	340	6	340	16
600	320	16	310	9	340	12	330	15	350	20	330	20	290	10	340	13	360	29	10	23	300	19	350	1	340	24
1000	320	16	320	9	350	12	320	13	350	22	350	18	320	17	350	14	10	41	10	27	290	15	350	9	340	26
1500	310	20	320	13	10	9	260	11	350	15	320	20	280	8	70	5			20	23	280	16	20	5	340	18
2000	290	17	310	17			250	17	320	19	270	19	250	22	290	13							30	3	280	22
3000							270	23	270	24																
4000							250	30																		
5000							260	31																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Station	Sīdi Barâni		Matrūh		Alex. Airport		Port Saʿīd		El ʿArīsh		Helwân		Minya		Asyūt Manqabâd		Luxor		Aswân		Hurghada			
Time	8						2		8				2		2									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	14					280	19	270	21			350	5	350	15								
600	330	17					280	26	270	19			340	6	360	26								
1000	320	20					290	16	280	19			350	4	340	28								
1500	310	24					280	36	300	12			330	6	330	34								
2000	310	21							260	20			340	6										
3000									290	10			350	4										
4000									280	23														
5000																								
6000																								
7000																								
8000																								

Station	Sīwa		Baharīya		Dakhla		Kharga		Wâdi Halfa		Abū Hamad		Kareima		Khartūm		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					350	19	360	17																
600					360	19	360	24																
1000					360	16	360	25																
1500					320	46	350	33																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

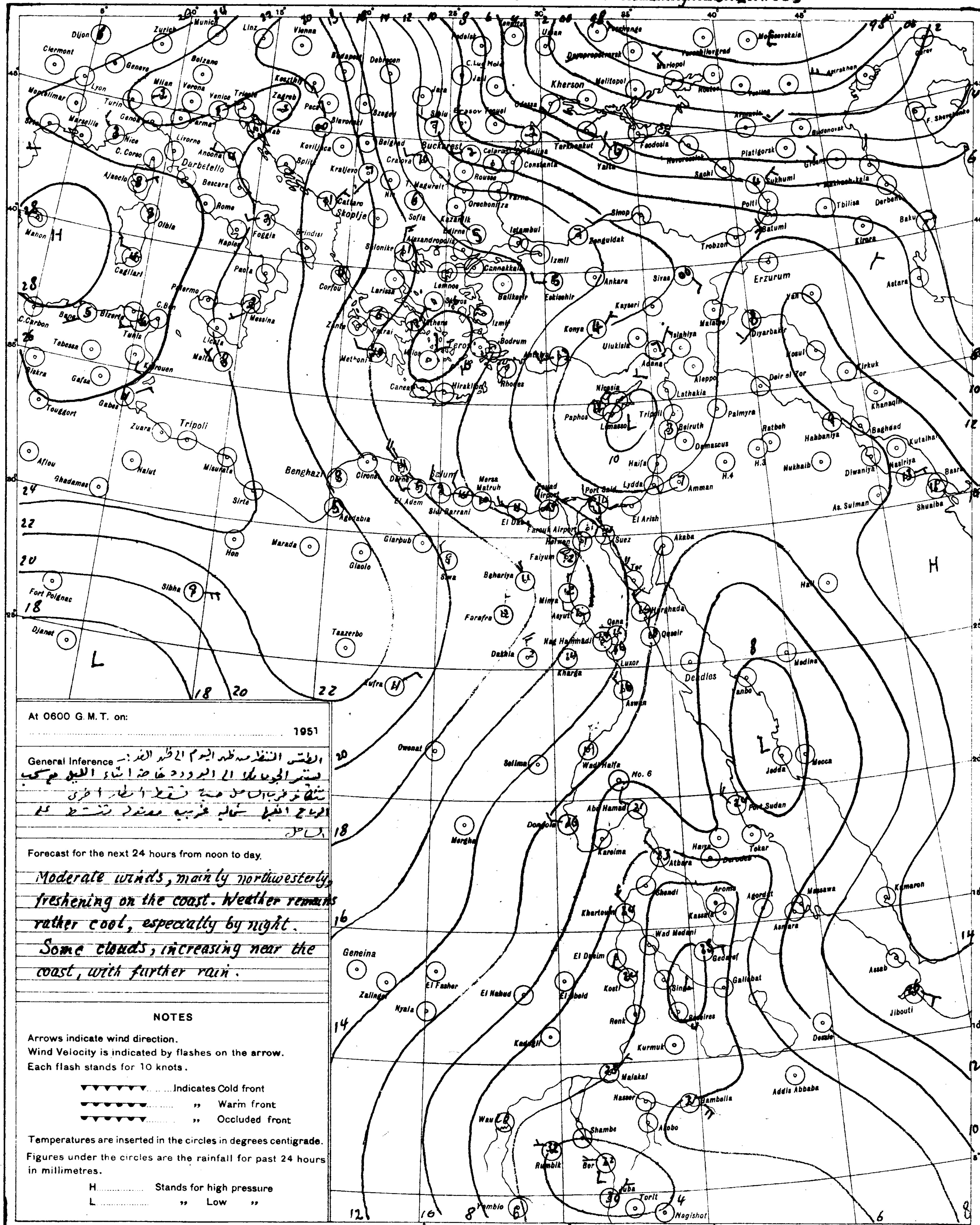
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report
4- All times are in G.M.T., two hours less than the Egyptian standard time

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,553) (20,500)

Annual Subscription P.T. 150

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 23.2.1953*



At 0600 G.M.T. on: 1951

General Inference — الطقس المنتظر من ظهر اليوم الى ظهر الغد :-
يستمر الجو مائلا الى البرودة خاصة اثناء الليل مع سحب
تتكاثف قرب الساحل مع هبة تسقط امطار اخرى
الرياح الغالبة شمالية غربية معتدلة تنشط على
الساحل

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly northwesterly, freshening on the coast. Weather remains rather cool, especially by night. Some clouds, increasing near the coast, with further rain.

NOTES

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

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

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

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

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 24th February 1952 3

At 1200 on Monday 23rd / At 1800 on Monday 23rd

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	320	7	7	01	0	3	AC	17.6	17	39	3	320	5	15	00	0	0	—	18.0	14	55	5	0
	303	SÎDI BARÂNI	300	10	18	02	1	5	Cu	17.1	17	42	4	340	7				1	Cu,Sc	17.5	14	55	5	0
	306	MATRÛH	00	0	14	01	5	4	Cu	16.0	17	56	8	300	7	14	01	0	0	—	16.5	14	67	8	dr
	309	EL DAB'A	340	13	35	02	1	4	Cu	15.3	17	42	4	320	9	7	03	2	6	Sc	16.2	15	59	7	0
		ALEXANDRIA	310	18	50	02	2	5	Cu	14.6	17	52	7	310	22				3	Cb	15.9	15	68	9	0
	318	FOUAD (Airport) Alex	340	16	18	01	2	5	Cu	14.1	18	52	8	340	14	12	01	2	4	Cu	15.3	15	72	10	0
	330	DAMIETTA	290	5	35	03	6	2	Cu	13.4	16	59	8	320	5		01	1	2	Cu	13.8	14	77	10	3
	333	PORT SA'ÎD	290	20	30	01	9	3	Cu,Sc	12.8	17	64	10	310	15	18	01	0	1	Cb	13.9	15	72	10	1
	336	EL 'ARISH												280	12	14	03	8	5	Cu,Sc	12.7	19	49	8	1
Lower Egypt	339	DAMANHUR	310	9	15	02	6	7	Cu	14.4	17	52	7	310	9	15	02	6	3	Cu	15.4	17	52	7	1
	342	MANSURA	320	5	35	03	2	4	Cb	13.4	17	52	7	320	5		00	5	0	—	14.7	14	67	8	dr.
	348	TANTA	310	5	35	03	2	5	Cu	13.5	18	46	6	00	0	35	02	1	0	—	15.8	11	88	9	0
	354	ZAGAZIG	220	1	50	03	1	4	Cu	13.5	19	52	9	00	0	35	02	1	4	Cu	15.1	11	88	9	0
	440	ISMAILIA	340	5	35	53	6	7	As	13.0	17	52	7	290	5	35	01	6	0	—	14.6	13	77	9	2
Cairo Area	366	FAROUK (Airport) Cairo	290	17	30	02	8	5	Cu	13.8	18	37	3	290	9	12	00	1	0	—	15.6	13	67	7	dr
	372	ALMÂZA	300	17	30	01	8	5	Cu	13.9	17	52	7	270	5	12	01	2	1	AC	15.7	13	77	9	dr
		EZBEKIYA	290	5	18	01	5	5	Cu, As	13.6	18	46	6	00	0	10	00	5	0	—	15.5	14	63	7	dr
		GÎZA	290	5	18	01	5	5	Cu, AS	13.5	20	35	4	00	0	10	00	5	0	—	16.0	11	77	7	dr
	378	HELWÂN	320	18	35	02	1	6	St	13.5	17	34	1	320	10	15	01	1	0	—	16.2	13	67	7	0
Upper Egypt	381	FAIYÛM	360	6	35	01	2	6	AS	14.4	20	41	6	00	0	35	01	1	0	—	15.5	14	55	5	0
	387	MINYA	330	13	10	02	2	5	Cu	16.2	20	28	1	340	4	8	02	2	0	—	16.8	12	51	2	0
	393	ASYÛT MANQABÂD	320	12	30	02	1	4	Cu, Ci	15.3	19	28	0	240	2	12	01	1	1	Cu	16.7	14	42	1	0
	399	NAG' HAMMADI	290	1	7	03	2	6	Cu, Ac	14.8	18	46	6	250	1		00	0	0	—	16.4	14	55	5	0
	402	QENA	270	1	15	03	1	8	Cu,Sc	13.3	17	42	4	270	1	7	02	1	4	As	14.6	16	49	5	0
	405	LUXOR												230	2	12	01	2	5	AC	15.2	15	48	4	0
	414	ASWÂN	340	10	1.5	09	3	6	AC	11.8	22	29	3	360	5	15	03	2	8	NS	14.8	18	37	3	0
Oases	417	SÎWA	310	7	14	03	0	3	Cu	19.5	17	39	3	290	3	10	01	0	0	—	19.1	15	48	4	0
	420	BAHARÎYA	320	3	35	02	2	2	AC	17.0	18	52	8	270	2	15	02	1	0	—	17.6	14	55	5	0
	423	FARAFRA	320	16	15	30	3	1	AS	18.3	19	16	-8	00	0	15	00	2	0	—	18.0	11	41	-2	0
	432	DAKHLA	340	26	7	32	3	0	—	16.6	19	23	-3	360	11	15	00	0	0	—	17.8	14	27	-5	0
	435	KHARGA	360	9	7	02	2	8	AS	14.7	19	23	-3	360	2	15	00	1	0	—	16.2	14	27	-5	0
Red Sea	450	SUEZ	310	5	50	03	0	7	Sc	12.6	19	30	1	00	0	15	01	0	1	Sc	14.4	14	55	5	0
	459	TÔR	310	13	35	01	2	5	AC	12.4	17	34	1	310	9	15	02	1	0	—	13.8	16	49	5	0
	462	HURGHÂDA	320	22	18	02	2	7	AC	11.8	17	60	9	270	11	12	02	1	3	AC	13.7	15	48	4	0
	465	QUSEIR	360	9	15	02	2	8	AC	11.4	20	56	11	360	5	15	01	2	6	AC	13.1	18	46	6	0
	641	PORT SÛDÂN																							
North Sûdân	600	WÂDI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA	360	10	30	01	1	2	Ci	6.3	32	10	-3												
	680	'ATBARA	360	8	30	02	0	0	—	3.4	34	25	11												
	721	KHARTÛM	320	7	30	02	0	0	—	2.8	35	22	10												
	730	KASSALA	260	6	30	02	0	0	—	999.7	37	24	13												
Central Sûdân	751	WAD MEDANI	270	5	35	02	0	0	—	1.6	36	22	11												
	801	RENK	270	13	35	02	0	2	Ac		38	19	11												
	802	ROSEIRES	310	2	35	02	0	1	Ci		39	20	12												
	771	EL OBEID	50	6	30	02	0	0	—	3.4	34	19	7												
	760	EL FÂSHER	90	3	30	02	0	0	—		32	13	0												
	770	GENEINA	70	13	30	02	0	0	—		33	5	-13												
S. Sûdân	840	MALAKÂL	350	4	10	05	0	1	AC	0.6	39	18	11												
	880	WÂU	90	5	10	04	2	6	Cs	0.7	38	15	7												
	941	JUBA	40	6	30	03	2	7	Cb, Ci	998.7	39	24	15												

At 0600 on Tuesday 24th February, 1953

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	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
320	9	15	00	0	0	—	19.8	+3.1	12	18	-2	8	-1	63	5	0	16		SALUM
330	6	15	02	2	6	Cu	19.0		15	17		8?		68	9	0	92		SÎDI BARÂNI
280	8	15	01	1	3	Sc	18.6	+1.9	11	17		8		88	9	dr	37		MATRÛH
340	6	15	01	1	3	Cu	18.1		12	18		8		88	10	0	75		EL DAB'A
310	20	50	01	2	4	Cu	18.0	+1.1	15	18	-2	14	+3	68	9	0	91	167	ALEXANDRIA
330	14	12	01	1	4	Cu	17.9	+0.7	15	18	-1	14	+4	72	10	0	92	130	FOUAD (Airport) Alex
250	2	7	03	1	4	Cu	17.2	+0.8	12	16	-3	9	0	77	8	3	34	88	DAMIETTA
270	16	11	03	0	4	Cu,Sc	16.7	-0.3	13	17	-2	12	0	82	10	1	44		PORT SA'ÎD
260	10	18	03	1	3	Sc,Cu	16.6	-0.5	12	18		9		82	9	3	16		EL 'ARISH
230	9	7	02	1	1	Cu	18.2	+1.7	11	18	-3	9	+1	88	9	1	26	80	DAMANHÛR
270	5	35	03	2	4	Sc,Cu	17.6	+1.1	12	18	-3	9	+1	77	8	dr.	26	39	MANSÛRA
220	2	35	02	1	0	—	17.5	+0.6	11	19	-3	7	0	88	9	0	7	31	TANTA
00	0	35	02	0	0	—	17.9	+0.9	10	20	-1	7	0	88	8	0	15	20	ZAGAZIG
270	5	35	01	1	4		18.0		12	19		9		77	8	2	22		ISMAÎLÎA
250	11	12	00	0	0	—	18.7		12	19		9		77	8	0.1	4		FAROUK (Airport) Cairo
250	10	12	01	1	0	—	18.8	+0.9	12	18	-3	10	0	82	9	0.4	7		ALMÂZA
00	0	8	00	0	0	—	18.8	+1.6	12	20	-2	10	+1	82	9	dr	15	18	EZBEKÎYA
00	0	8	00	0	0	—	18.7	+1.5	13	20	-2	8	+1	77	9	dr.	43	18	GÎZA
320	3	7	05	1	0	—	19.6	+2.2	10	19	-2	9	0	88	8	0	3	19	HELWÂN
00	0	3	02	0	0	—	19.8	+2.9	11	22	-1	6	-2	88	9	0	13	6	FAIYÛM
330	4	8	02	0	0	—	19.8	+0.8	9	20	-2	3	-3	71	4	0	1		MINYA
270	3	12	00	0	0	—	19.3	+1.2	10	19	-3	6	-1	58	2	0	2		ASYÛT MANQABÂD
00	0		01	0	3	Ac, Ci	19.1	+2.1	10	20	-4	5	-1	76	6	0	0.1		NAG' HAMMÂDI
320	1	35	03	1	3	Ci	18.0	+1.7	15	18	-8	6	-3	59	7	0	1		QENA
00	0	30	02	2	2	Ci	18.5	+1.7	13	19		6		44	1	0	1		LUXOR
360	9	35	01	1	2	Ci	16.8	-0.3	14	23	-4	11	-1	48	3	0	0.1		ASWÂN
00	0	14	00	0	0	—	21.5	+2.9	7	19	-3	4	-2	87	5	0	1	6	SÎWA
270	11	35	02	0	0	—	20.2	+2.5	8	19	-4	2	-5	88	6	0	dr.	7	BAHARÎYA
00	0	35	02	0	0	—	21.1		9	19		5		62	2	0	0		FARAFRA
340	15	50	00	0	0	—	20.6	+2.5	10	19	-6	7	0	50	0	0	0		DAKHLA
360	1	15	02	2	2	AS	18.6	+1.3	11	20	-6	8	0	51	1	0	0		KHARGA
270	3	35	00	0	3	Sc	18.4	+2.0	15	21	-1	8	-3	36	0	0	34	12	SUEZ
310	9	35	02	0	0	—	17.9	+1.8	16	19	-3	13	+3	42	3	0	Rain	11	TÔR
240	11	18	01	0	2	Cu	17.7	+1.0	13	18	-3	9	-1	63	6	0	dr.		HURGHADA
330	9	15	03	1	4	AC	16.6	+1.2	15	21	-3	14	-1	59	7	0	8	4	QUSEIR
340	18	30	03	2	8	Sc	12.9		23	27		22		78	19	0			PORT SÛDÂN
360	8	20	03	0	2	AC	17.8		13	26		10		41	0	0			WÂDI HALFA
360	4	30	02	0	0	—			16	32		14		34	0	0			ABU HAMAD
10	11	30	02	0	0	—	14.7		20	33		15		21	-3	0			KAREIMA
																			'ATBARA
340	14	15	05	0	0	—	11.0		21	36		18		23	-1	0			KHARTÛM
30	7	30	02	0	2	Ac	7.6		27	38		20		55	17				KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
360	13	7	05	0	2	Ac, Ci	11.7		19	35		16		35	3	0			EL OBEID
30	3	10	05	0	0	—			15	34		12		27	-4	0			EL FÂSHER
																			GENEINA
20	11	30	03	1	4	AC	7.3		28	40		26		19	2	0			MALAKÂL
																			WÂU
																			JUBA

HUMIDITY % Mean of day

Station	on 23rd.	Diff. from normal
Alexandria	54	-11
Ezbekiya	59	-2
Giza	68	+2
Helwan	64	+14

GÎZA GRASS MINIMUM TEMP. on 24th 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

Cairo AIRPORT On 23rd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	130	15		300	20
950					
900					
850	1474	2		300	16
800					
700	3011	-3		320	21
600					
500	5558	-22		330	34
400	7160	-35		300	35
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 23rd

Station	Matruh		Alex.A.P.		Almaza		Port Said		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		S.Barani		Asyut		Minya	
Time	15		14		14		14		14		14		14	30	14		14		14		14		10		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	19	310	19	310	21	290	23	360	13	310	15	300	3	350	36	360	24	360	22	330	23	350	16	360	17
600	340	18	310	20	310	22	300	23	340	16	320	16	330	14	340	41	10	31	350	26	330	19	360	23	350	18
1000	320	20	320	21	310	25	310	20	330	18	340	18	330	18	330	47	10	34	350	27	340	21	360	20	340	15
1500	340	11			310	13	330	16	320	16	330	24	330	31	330	32					350	19	330	16	310	16
2000	350	16			300	3	340	9			330	23	270	26							340	17	320	17	330	15
3000	350	20									300	36	280	50							10	26				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra	
Time	8		8				8				8	45	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	340	14	330	13			290	29			240	7	360	14	350	4	360	7					20	13
600	340	14	350	12			300	35			310	11	10	11	20	13	340	10					30	[illegible]
1000	340	10	10	9			300	31			340	15	10	8	10	21	330	11					[illegible]	[illegible]
1500			360	13									340	13			40	9					[illegible]	[illegible]
2000			350	17													60	15					[illegible]	[illegible]
3000																	60	10					[illegible]	
4000																							[illegible]	
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		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	11	20	3	20	11	20	14														
600			10	19	40	11	20	19	20	24	20	23	20	21	20	16							20	25
1000			10	16	40	15	10	25	40	32	20	19	30	25	20	27			20	27	10	14	20	38
1500			360	9	70	19	10	17	40	20	10	11	20	17	10	25			60	17	30	11	30	33
2000			20	17	80	16			360	13					350	13			10	5	70	15		
3000			10	16					30	8	290	18	340	11	350	8			250	5	10	[illegible]	[illegible]	[illegible]
4000			350	3											260	9							70	[illegible]
5000											270	28		15	250	22					60	6		
6000											260	28		29	230	28					[illegible]	[illegible]		
7000															230	28								
8000															240	37								

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

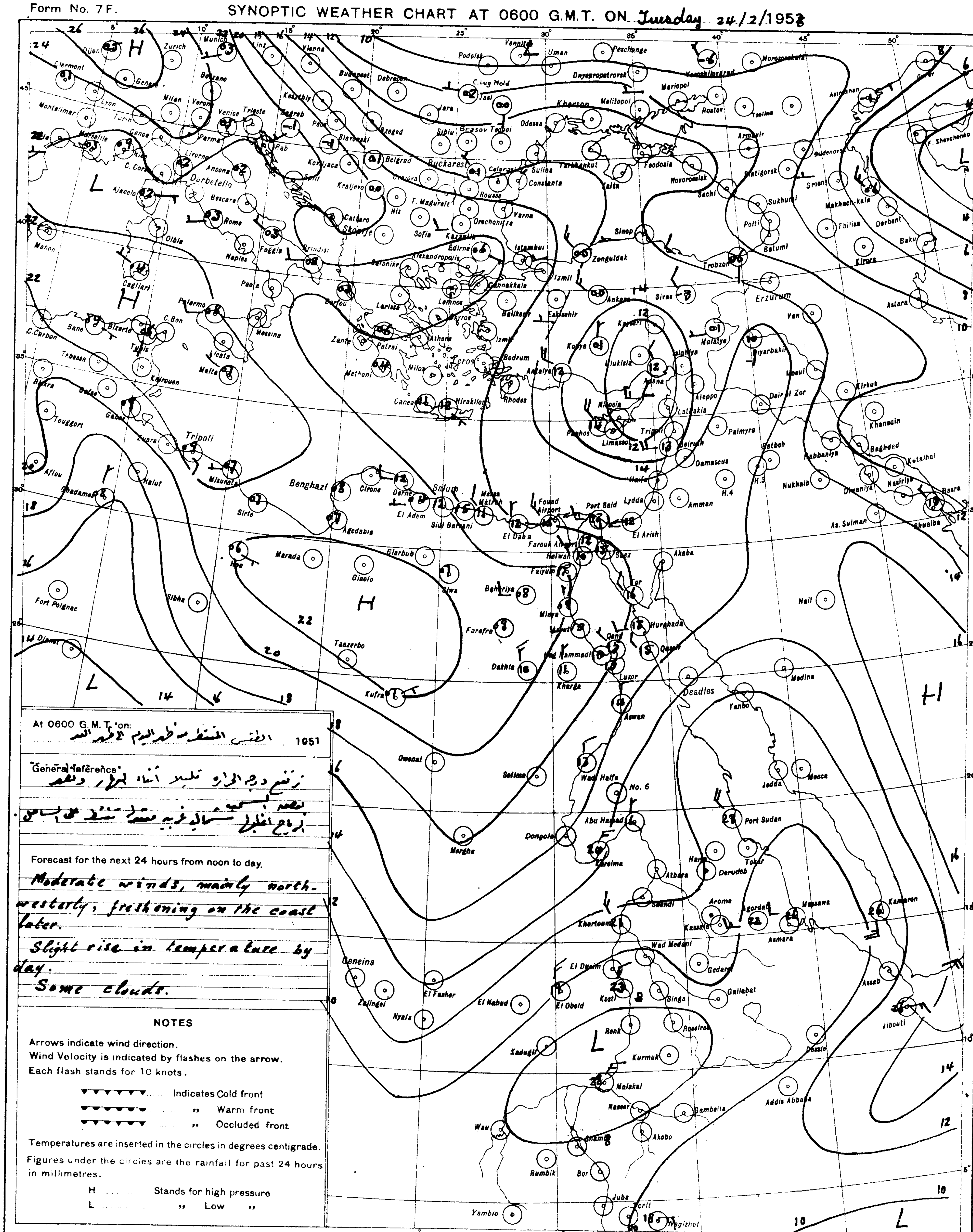
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,357-1 (50/53?))

Annual Subscription P.T. [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 24/2/1953



At 0600 G.M.T. on: الطقس المنتظر ظهر اليوم الى ظهر الغد 1951

General Inference: ترتفع درجة الحرارة قليلا أثناء النهار ونقص بعض السحب
الرياح اغلبها شمالية غربية معتدلة تنشط على الساحل

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly north-westerly, freshening on the coast later.
Slight rise in temperature by day.
Some clouds.

NOTES

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

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

Temperatures are inserted in the 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(49/557) (50/531)

SCALE 1:15,000,000

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

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 25th February, 1953

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	SALÛM	40	8	35	01	0	3	Cu	19.4	17	52	7
	303	SÎDI BARÂNI	350	5	18	02	2		Cu	19.7	17	56	8
	306	MATRÛH	320	8	18	02	1	2	Cu	18.7	18	68	12
	309	EL DABA											
		ALEXANDRIA	310	17	50	03	2	5	Sc	18.7	17	60	9
	318	Aleg. (Airport)	360	11	18	02	1	4	Cu	18.4	18	60	10
	330	DAMIETTA	290	5	35	02	1	4	Cu	17.5	18	52	8
	333	PORT SAÏD	340	16	30	01	0	1	Sc	16.6	18	64	11
	336	EL 'ARISH	270	10	30	01	6	1	Cu	16.4	18	64	11
Lower Egypt	339	DAMANHUR	40	5	15	02	1	2	Cu	18	19	52	9
	342	MANSURA	220	5	35	02	1	3	Cb	17.5	20	41	6
	345	TANTA	310	5	35	03	2	5	Cu	17.6	20	46	8
	354	ZAGAZIG	00	0	50	03	1	4	Cu	17.8	22	50	11
	446	ISMAÏLIA	290	5	35	03	1	6	Cu	17.5	20	41	6
Cairo & Delta	366	Cairo (Airport)	320	10	18	02	0	4	Cu	17.9	20	46	8
	372	ALMAZA	270	9	30	02	2	3	Cu	17.8	19	49	8
		EZBEKIYA	310	4	18	03	0	2	Cu	17.4	21	41	7
		GÎZA	310	4	18	03	0	2	Cu	17.5	20	46	8
	372	HELWÂN	290	1	15	01	1	1	Cu	18.4	19	37	4
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	—	18.7	21	41	7
	387	MINYA	350	7	8	01	1	0	—	18.2	20	43	7
	393	ASYUT MANGABAD	270	4	30	01	1	0	—	17.9	20	33	3
	399	NAG' HAMMADI	290	1	7	01	0	2	AC, Ci	17.5	23	32	5
	402	QENA	270	1	50	02	1	2	Ci	16.3	24	38	9
	405	LUXOR	330	7	30	02	1	3	Ci	16.4	22	23	0
	414	ASWAN	340	9	15	03	2	6	AC	14.4	21	33	4
Oases	417	SÎWA											
	420	BAHARÎYA	40	2	35	02	0	0	—	19.8	19	52	9
	423	FARAFRA	70	7	35	02	0	0	—	20.8	19	30	1
	432	DAKHLA	360	11	50	00	0	0	—	18.8	19	30	1
	435	KHARGA	360	4	15	01	2	1	As	17.0	20	33	3
Red Sea	450	SUEZ	310	4	50	02	0	3	Sc	17.1	21	33	4
	459	TOR	310	13	50	02	0	0	—	17.4	19	64	12
	462	HURGHADA	320	18	18	02	0	1	Cu	17.4	19	46	7
	465	QUSEIR	360	13	15	01	1	3	AC	16.6	20	26	0
	641	PORT SUDAN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ATBARA											
	721	KHARTUM	50	5	35	02		1	Ca	1.7	35	25	12
	730	KASSALA	30	4	30	02	0	0	—	2.9	37	25	14
Central Sudan	751	WAD MEDANI	360	9	50	02	0	0	—	4.0	36	15	6
	801	RENK											
	802	ROSEIRES	50	2	35	02	0	1	Ci		38?	18	10
	771	EL OBEID	30	11	7	05	1	1	AC, Ci	7.3	28?	22	4
	760	EL FASHER	90	5	12	05	0	2	Ci		29?	29	9
	770	GENEINA	50	12	8	05	2	2	Ci		30	9	-6
S. Sudan	840	MALAKÂL	70	6	30	03	2	7	AC, Ci	3.5	36	15	6
	880	WAU	220	9	10	04	2	8	AC	3.6?	32	36	15
	941	JUBA	310	5	35	02	0	0	—	6.0?			

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
SALÛM	40	5	15	00	0	0	—	20.0	14	67	8	0
SÎDI BARÂNI	00	0	15	02	1	0	—	20.2	13	72	8	0
MATRÛH	300	2	14	00	0	0	—	19.9	13	82	10	0
EL DABA	340	3	7	00	0	0	—	20.2	13	77	9	0
ALEXANDRIA	360	10	35	00	0	0	—	20.6	15	68	9	0
Aleg. (Airport)	00	0	12	02	1	0	—	19.7	14	77	10	0
DAMIETTA	320	2		01	1	0	—	1 8	14	77	10	0
PORT SAÏD	320	9	15	02	0	0	—	:.4	15	82	12	0
EL 'ARISH	270	4	14	01	0	0	—	17.9	15	82	12	0.1
DAMANHUR	360	9	15	02	0	0	—	19.1	13	77	9	0
MANSURA	360	5		00	1	0	—	19.5	15	68	9	0
TANTA	00	0	15	02	1	0	—	19.1	13	88	11	0
ZAGAZIG	00	0	35	02	1	0	—	19.5	14	67	8	0
ISMAÏLIA	20	2	35	01	0	0	—	19.1	15	59	7	0
Cairo (Airport)	00	0	12	00	0	0	—	19.9	15	63	8	0
ALMAZA	360	3	12	00	2	0	—	19.3	15	68	9	0
EZBEKIYA	00	0	10	00	0	0	—	19.1	17	60	9	0
GÎZA	00	0	10	00	0	0	—	19.2	14	72	9	0
HELWÂN	360	5	15	02	0	0	—	19.8	15	59	7	0
FAIYUM	00	0	35	02	0	0	—	19.8	17	60	9	0
MINYA	00	0	8	02	1	0	—	19.4	13	59	5	0
ASYUT MANGABAD	310	2	4	02	0	0	—	19.0	12	67	6	0
NAG' HAMMADI	00	0		00	0	0	—	17.2	15	68	9	0
QENA	00	0	12	00	0	0	—	16.7	13	77	9	0
LUXOR												
ASWAN	340	6	50	03	2	4	AC	15.6	18	37	3	0
SÎWA												
BAHARÎYA	360	1	15	02	0	0	—	20.6	13	67	7	0
FARAFRA	00	0	15	02	0	0	—	20.4	14	36	-1	0
DAKHLA	50	9	35	00	0	0	—	18.4	16	32	-1	0
KHARGA	00	0	15	00	1	0	—	17.1	16	42	3	0
SUEZ	360	3	15	01	0	0	—	19.1	16	45	4	0
TOR	40	5	15	02	0	0	—	17.5	18	52	8	0
HURGHADA	270	5	12	02	0	0	—	17.3	17	41	6	0
QUSEIR	360	13	15	01	1	0	—	16.6	19	46	7	0
PORT SUDAN	340	13	30	01	1	3		14.0	23	65	16	0
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA	340	5	30	01	0	0	—	9.6	20	26	0?	0
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	6	30	02	1	6		8.3	20	41	6	0
EL FASHER												
GENEINA												
MALAKÂL	350	7	30	01	1	2	AC, Ci	4.2	31	26	9	0
WÂU	00	0	10	04	2	8	AC	6.2	29	33	11	0
JUBA	00	0	30	03	2	5	Ci	5.7	27	70	21	dr.

At 0600 on Wednesday 25th February, 1953

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	5	15	03	2	4	AC	21.4	+4.8	10	18	-2	9	0	88	8	0	16	
SÎDI BARÂNI	200	3	8	10	2	7	Sc, As, Ci	21.4		8	18		4		88	6	0	92	
MATRÛH	210	6	14	00	0	0	—	21.1	+4.4	10	18		5		88	8	0	37	
EL DABA	250	6	15	01	1	2	Cu	21.5		10	18		6		88	8	0	75	
ALEXANDRIA	00	0	7	01	4	3	Sc	21.6	+4.7	15	19	-1	12	0	77	11	0	91	168
Aleg. (Airport)	00	0	14	05	4	1	Sc	21.6	+4.4	12	19	0	7	3	97	12	0	92	130
DAMIETTA	220	2	7	10	0	0	—	21.6	+5.2	12	18	-1	6	-3	88	10	0	34	89
PORT SAÏD	270	5	10	02	0	0	—	21.7	+4.7	14	19	0	12	0	88	12	0	44	
EL 'ARISH	170	2	18	02	0	1	Cu	21.2	+4.2	13	18		8		77	9	0.1	16	
DAMANHUR	270	5	3	28	4	0	—	21.6	+5.2	10	20	-1	8	-1	88	8	0	26	81
MANSURA	140	3	35	00	0	0	—	21.1	+4.6	10	21	0	8	0	88	8	0	26	39
TANTA	00	0	35	02	0	0	—	21.8	+4.9	11			5	-2	88	9	0	7	31
ZAGAZIG	00	0	35	02	0	0	—	21.0	+4.0	11	23	+2	7	0	88	9	0	15	20
ISMAÏLIA	180	2	35	01	0	0	—	21.9		12	21		7		77	8	0	22	
Cairo (Airport)	90	5	13	00	0	0	—	22.0		14	21		9		72	9	0	4	
ALMAZA	110	4	12	00	0	0	—	21.6	+3.8	12	20	-1	9	-1	82	9	0	7	
EZBEKIYA	00	0	2	10	4	0		21.4	+4.3	12	22	-1	10	+1	77	8	0	15	18
GÎZA	00	0	2	10	4	0	—	21.4	+4.2	10	22	0	5	-2	88	8	0	43	18
HELWÂN	00	0	7	05	0	0	—	22.0	+4.7	12	20	-1	9	-1	77	8	0	3	19
FAIYUM	00	0	35	02	0	0	—	22.0	+5.1	10	23	0	7	-1	88	8	0	13	6
MINYA	360	5	10	02	0	0	—	21.7	+2.8	10	22	0	5	-1	82	7	0	1	
ASYUT MANGABAD	270	2	8	10	0	0	—	21.3	+3.3	9	22	0	7	0	71	4	0	2	
NAG' HAMMADI	00	0		01	0	3	As	19.9	+2.9	11	25	+1	7	+1	77	7	0	0.1	
QENA	270	1	35	00	0	0	—	19.2	+3.0	14	26	0	3	-6	55	5	0	1	
LUXOR	00	0	30	00	0	0	—	19.2	+2.4	13			4		44	1	0	1	
ASWAN	360	3	50	00	0	0	—	18.6	+1.6	14	22	-5	10	-2	48	3	0	0.1	
SÎWA	00	0	14	00	0	1	Ci	23.4	+4.8	7			4	-2	66	1	0	1	6
BAHARÎYA	00	0	35	02	0	0	—	22.6	+5.0	11	21	-2	5	-2	88	9	0	dr.	7
FARAFRA	00	0	35	02	0	0	—	22.2		5	20		2		53	-4	0	0	
DAKHLA	340	15	50	00	0	0	—				20	-5	6	-2		-2	0	0	
KHARGA	360	1	15	00	0	0	—	20.0	+2.7	12	21	-5	7	-1	55	3	0	0	
SUEZ	00	0	35	00	0	1		21.8	+5.4	10	23	+1	5	-6	76	6	0	34	12
TOR	40	9	35	02	0	0	—	19.4	+3.3	12	22	0	10	0	63	5	0	Rain	11
HURGHADA	260	12	14	02	0	0	—	18.5	+1.9	15	20	-1	10	0	59	7	0	dr.	
QUSEIR	330	9	15	03	1	3	AC	18.4	+3.0	18	20	-4	15	0	52	8	0	8	4
PORT SUDAN	320	13	18	13	2	7	AC, Cs			23	26		18		61	15	0		
WÂDI HALFA	350	2	30	02	1	1	AC	18.1		14	24		11		32	-3	0		
ABU HAMAD	20	1	30	03	1	5	AC			20	29		16		30	2	0		
KAREIMA																			
ATBARA	20	8	30	02	0	0	—	13.0		21	30		18		38	6	0		
KHARTUM																			
KASSALA																			
WAD MEDANI																			
RENK																			
ROSEIRES	50	2	35	02	0	2	Ci			28	39		28		29	8	0		
EL OBEID																			
EL FASHER																			
GENEINA																			
MALAKÂL	30	8	30	03	0	7	AC, Cs	9.8		28	37		23		19	2	0		
WÂU	00	0	10	04	0	2	AC	9.4		24	34		22		27	24	dr.		
JUBA	310	4	30	02	6	7	AC	10.9		25	36		24		77	21	dr.		

HUMIDITY

Mean of day %

Station	on 24th	Diff. from normal
Alexandria	65	0
Ezbekiya	55	+4
Giza	68	+2
Helwan	65	+16

GÎZA
GRASS MINIMUM TEMP
on 25th 1.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Cairo AIRPORT — On 24th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	156	19		360	9
950					
900					
850	1570	6		330	13
800					
700	3046	-8		310	23
600					
500	5695	-18		300	43
400	7319	-32		310	55
300	9299	-44			

AIRPORT — On At

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

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 24th

Height m.	S. Barani Dir.	Vel.	Matruh Dir.	Vel.	Alex. A.P. Dir.	Vel.	Port Said Dir.	Vel.	El Arish Dir.	Vel.	Almaza Dir.	Vel.
Time	14		14		14		14		14		14	
300	330	10	330	14	320	12	320	23	220	11	320	4
600	320	11	320	8	320	15	310	23	290	21	330	4
1000	310	1	280	4	320	15	320	21	280	18	330	7
1500	320	7	320	9			330	19	260	11	300	18
2000	360	10	360	10			340	16	310	19	290	19
3000			240	11					290	36	280	14
4000			240	17								
5000			320	31								
6000			310	23								
7000			320	23								
8000												

Height m.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Hurghada Dir.	Vel.
Time	14		14		14	30	14		14		14		14	
300	340	7	360	15	20	10	350	12	360	7	10	16	330	30
600	350	13	10	17	360	11	20	11	10	9	10	22	320	32
1000	360	12	10	21	340	10	30	7	10	10	10	22	320	25
1500	30	9	10	20	10	12	40	6	360	13	360	20	330	23
2000			20	26	30	2			350	16			300	3
3000					90	5								
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 25th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Alex. Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.
Time	9		5		8		8		2			
300	360	4	240	3	220	2	320	3	250	9		
600	360	1	240	3	250	3	350	4	250	6		
1000	260?	3			320	5	20	7	290	3		
1500	220?	9					320	13	290	9		
2000	300	12					290	17	300	13		
3000												
4000												
5000												
6000												
7000												
8000												

Height m.	Minya Dir.	Vel.	Asyût Mangabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	[illegible] Dir.	Vel.
Time	8		8						8		8	
300	10	11	50	4					320	23	30	—
600	40	14	20	18					330	30	40	
1000	30	16	40	23					330	14	10	
1500	20	16	60	10					60	15	340	
2000	10	8	20	8					70	8	20	
3000	360	14	30	8					260			
4000									310			
5000									280			
6000									300			
7000												
8000												

Height m.	Sîwa Dir.	Vel.	Bahârîya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.
Time	7 30		8		8		8					
300	120	8	350	9	360	8	20	20				
600	100	5	340	9	40	11	40	23				
1000	120	9	330	14	60	16	30	17				
1500	120	10	350	11	100	15	80	11				
2000	50	6	350	9	80	13	90	16				
3000	200	11	230	7								
4000												
5000	190	12										
6000												
7000												
8000												

Height m.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakâl Dir.	Vel.
Time												
300												
600												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

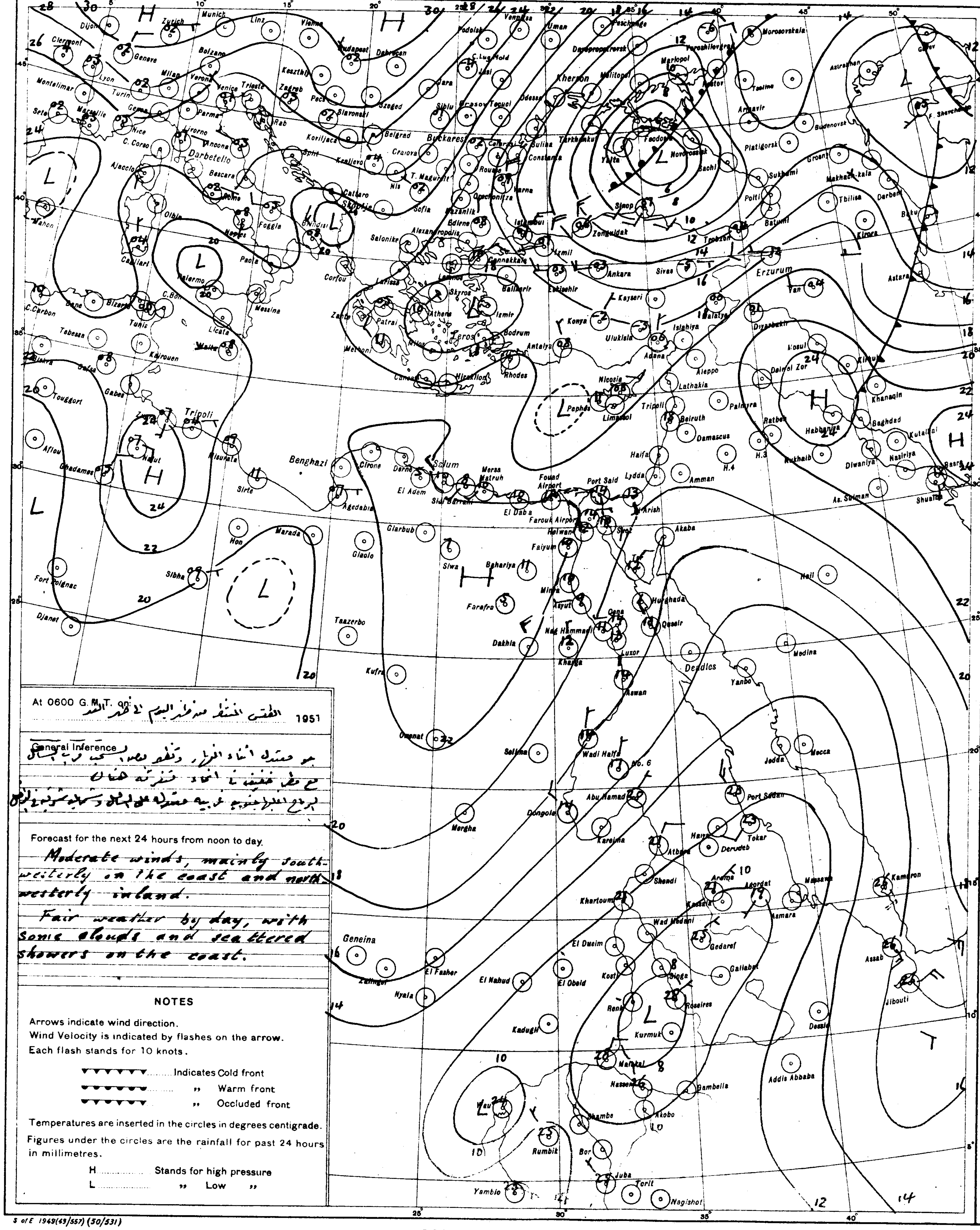
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 25/2/1952



At 0600 G.M.T. on [illegible] 1951

General Inference
[illegible]
[illegible]
[illegible]

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly south-westerly on the coast and north-westerly inland.

Fair weather by day, with some clouds and scattered showers on the coast.

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

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

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

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

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

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

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 26th February, 1952 3

At 1200 on Wednesday 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
Mediterranean	62300	SALŪM	70	5	35	02	1	3	Ci	20.6	14	77	10
	303	SĪDI BARĀNI	350	7	18	02	2	5	Sc	20.7	17	60	9
	306	MATRŪH	330	6	18	01	0	3	Ci	20.2	17	72	12
	309	EL DABʻA	340	4	35	01	1	2	Cu	20.8	18	52	8
		ALEXANDRIA	270	11	50	01	1	2	Cu	21.0	18	60	10
	318	FUAD Alex. (Airport)	350	3	18	01	1	3	Cu	20.5	19	56	10
	330	DAMIETTA	340	2	35	00	0	0	—	20.2	18	60	10
	332	PORT SAʻĪD	10	2	30	01	0	0	—	20.9	19	56	10
	336	EL ʻARĪSH	360	4	30	01	1	0	—	20.4	18	52	8
	339	DAMANHŪR	270	5	15	02	1	1	Cu	20.8	20	46	8
	342	MANSŪRA	320	5	35	02	1	2	Cu	20.4	20	41	6
	345	TANTA	00	0	35	03	2	4	Cu	20.6	21	50	10
	354	ZAGAZIG	00	0	50	02	0	0	—	20.3	21	57	12
		ISMAʻILIA	90	2	35	02	0	0	—	20.4	20	41	6
		Cairo (Airport)	90	5	18	00	0	0	—	19.3	21	26	1
		ALMAZA	40	10	18	00	0	0	—	19.7	20	35	4
		EZBEKIYA	70	2	18	00	0	0	—	19.6	22	36	6
		GIZA	70	2	18	00	0	0	—	20.0	22	33	5
		HELWĀN	00	0	35	02	0	0	—	19.4	21	20	-3
		FAIYŪM	360	4	35	02	0	0	—	19.8	21	33	4
		MINYA	340	14	12	02	0	0	—	19.8	22	29	3
		ASYŪT MANQABAD	360	6	30	02	0	0	—	18.1	24	28	11
		NAGʻ HAMMADI	290	1	7	00	0	0	—	16.3	26	30	7
		QENA	270	1	50	00	0	0	—	15.8	27	37	11
		LUXOR	30	5	30	00	0	0	—	15.6	24	18	-2
		ASWAN	340	2	50	00	0	0	—	13.9	25	28	5
		SĪWA	110	3	14	02	2	5	Cs	21.5			3
		BAHARIYA	360	2	35	02	0	0	—	20.3	21	57	12
		FARAFRA	00	0	35	02	0	0	—	21.1	22	36	6
		DAKHLA	360	9	50	00	0	0	—	18.4	23	18	-3
		KHARGA	00	0	35	00	0	0	—	16.3	24	21	0
		SUEZ	360	3	50	02	0	0	—	19.5	20	33	3
		TOR	220	13	50	02	0	0	—	17.4	20	64	13
		HURGHADA	330	12	18	02	0	0	—	17.3	20	56	11
		QUSEIR	360	9	15	01	1	0	—	17.5	22	50	11
		PORT SŪDĀN											
		WĀDI HALFA											
		ABU HAMAD											
		KAREIMA											
		ATBARA											
		KHARTŪM	350	9	30	02	0	1	AC	8.0	33	14	2
		KASSALA											
		WAD MEDANI											
		RENK											
		ROSEIRES											
		EL OBEID	50	9	30	01	2	5			29	20	4
		EL FASHER											
		GENEINA											
		MALAKĀL	40	5	30	01	2	4	Cu, AC	7.3	36	20	10
		WAU											
		JUBA	360	7	30	03	2	7	Cb		33	44	19

At 1800 on Wednesday 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	20	9	15	03	2	6	AC	20.7	16	68	10	0
SĪDI BARĀNI	40	5	14	02	2	7	Cs	20.6	15	72	10	0
MATRŪH	20	2	14	03	1	3	Cs	20.4	13	88	11	0
EL DABʻA	360	4	7	00	0	0	—	20.8	14	77	10	0
ALEXANDRIA	00	0	35	00	0	0	—	21.8	15	68	9	0
FUAD Alex. (Airport)	00	0	12	02	0	0	—	21.1	14	77	10	0
DAMIETTA	320	2		00	0	0	—	21.1	15	68	9	0
PORT SAʻĪD	30	10	15	02	0	0	—	21.3	16	68	10	0
EL ʻARĪSH	360	2	14	02	0	0	—	20.3	14	77	10	0
DAMANHŪR	360	5	15	02	0	0	—	20.8	14	67	8	0
MANSŪRA	40	5		00	0	0	—	21.2	15	68	9	0
TANTA	00	0	35	01	2	4	Sc, Cu	21.0	15	77	11	0
ZAGAZIG	00	0	35	02	0	0	—	20.3	14	77	10	0
ISMAʻILIA	20	5	35	02	0	0	—	20.3	14	55	5	0
Cairo (Airport)	00	0	12	00	0	0	—	19.9	15	68	9	0
ALMAZA	20	3	12	00	0	0	—	20.3	16	64	9	0
EZBEKIYA	20	3	10	00	0	0	—	20.4	18	77	8	0
GIZA	20	3	10	00	0	0	—	20.4	16	59	8	0
HELWĀN	360	8	15	02	0	0	—	20.4	17	42	4	0
FAIYŪM	00	0	35	02	0	0	—	19.1	16	49	5	0
MINYA	360	8	8	02	0	0	—	19.1	12	67	6	0
ASYŪT MANQABAD	240	5	12	02	0	0	—	18.6	15	52	5	0
NAGʻ HAMMADI	00	0		00	0	0	—	17.0	16	49	5	0
QENA	270	1	7	00	0	0	—	17.5	15	68	9	0
LUXOR	240	2	12	00	0	0	—	15.8	16	34	0	0
ASWAN	360	3	50	00	0	0	—	14.6	21	33	4	0
SĪWA												
BAHARIYA	00	0	15	02	1	2	Ci	20.4	15	48	4	0
FARAFRA	40	1	35	03	0	2	Ci	19.9	17	34	1	0
DAKHLA	360	4	35	00	0	0	—	17.9	19	23	-3	0
KHARGA	00	0	15	00	0	0	—	16.8	16	24	-5	0
SUEZ	360	4	15	02	0	0	—	19.2	17	34	1	0
TOR	40	2	35	02	0	0	—	17.5	18	73	13	0
HURGHADA	270	5	12	02	0	0	—	17.7	17	52	7	0
QUSEIR	360	5	50	02	0	0	—	17.0	21	50	10	0

At 0600 on Thursday 26th February, 1953

Station	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	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	320	9	15	03	2	4	AC	20.3	+3.7	13	19	-1	8	-1	67	7	0	16	
SĪDI BARĀNI	220	3	15	02	2	6	Cb, AC	20.2		11	17		10		82	8	0	92	
MATRŪH	220	2	18	01	0	2	AC	19.4	+2.7	11	17		7		88	9	0	37	
EL DABʻA	290	6	15	01	1	3	Cu	19.2		10	21		7		88	8	0	75	
ALEXANDRIA	00	0	35	03	4	6	Ci	20.0	+3.2	14	19	-1	12	0	77	10	0	91	169
FUAD Alex. (Airport)	00	0	12	03	1	6	Sc, AC	19.8	+2.7	12	19	0	8	-2	97	12	0	92	131
DAMIETTA	200	2	3	10	1	7	Sc	19.9	+3.5	12	19	0	8	-1	88	10	0	34	90
PORT SAʻĪD	210	5	30	03	0	4	Ci	19.9	+3.0	15	20	+1	13	+1	77	11	0	44	
EL ʻARĪSH	160	8	14	03	0	1	Ci	19.1	+2.1	10	19		7		88	8	0	16	
DAMANHŪR	230	5		02	1	4	Ci	20.3	+3.9	11	21	0	8	-1	88	9	0	26	82
MANSŪRA	360	5	35	03	2	6	AC	19.6	+3.1	12	22	+1	9	+1	77	8	0	26	40
TANTA	00	0	35	03	2	5	Cu	19.4	+2.6	9	22	0	6	-1	97	9	0	7	32
ZAGAZIG	00	0	7	10	4	0	—	19.9	+2.9	7	23	+2	5	-2	97	7	0	15	21
ISMAʻILIA	340	2	35	03	2	8	AC, Ci	19.6		14	21		8		67	8	0	22	
Cairo (Airport)	00	0	12	03	1	7	AC, Ci	19.5		9	22		7		88	7	0	4	
ALMAZA	00	0	10	03	2	6	Cs	19.5	+1.7	9	22	+1	8	-2	94	8	0	7	
EZBEKIYA	00	0	10	03	1	5	Ci	19.4	+2.3	10	24	+1	8	-1	88	8	0	15	18
GIZA	00	0	10	03	1	5	Ci	19.4	+2.2	9	23	+1	6	-1	88	7	0	43	18
HELWĀN	00	0	3	10	0	4	Ci	20.2	+2.9	10	22	+1	10	0	76	6	0	3	19
FAIYŪM	00	0	35	02	1	2	Ci	20.0	+3.1	11	23	0	7	-1	77	7	0	13	6
MINYA	350	7	8	02	0	0	—	19.7	+0.9	10	23	+1	6	0	76	6	0	1	
ASYŪT MANQABAD	320	2	10	10	0	0	—	18.9	+1.0	9	24	+2	6	-1	71	4	0	2	
NAGʻ HAMMADI	250	1		01	0	2	As	18.0	+1.1	10	27	+3	7	+1	76	6	0	0.1	
QENA	270	1	35	00	0	0	—	17.2	+1.1	15	28	+1	6	-3	59	7	0	1	
LUXOR	00	0	30	00	0	0	—	17.0	+0.3	12	26		5		31	-5	0	1	
ASWAN	40	5	50	00	0	0	—	16.2	-0.7	16	26	-1	12	0	42	3	0	0.1	
SĪWA	40	1	14	03	0	1	AC	20.2	+1.6	11			8	+2	67	5	0	1	6
BAHARIYA	360	1				1	AC	20.6	+3.0	11	24	+1	4	-3	77	7	0	dr.	7
FARAFRA	00	0	35	02	0	1	Ci	20.4		7	24		2		57	-1	0	0	
DAKHLA	270	9	50	00	0	0	—	19.1	+1.2	9	24?	-2	6	-2	34	-6	0	0	
KHARGA	00	0	15	00	0	0	—	17.4	+0.2	12	24?	-2	9	0	44	0	0	0	
SUEZ	40	5	35	00	0	0	—	18.4	+2.0	16	22	0	7	-4	42	3	0	34	12
TOR	40	5	35	02	0	0	—	17.8	+1.6	13	22	0	8	-2	55	4	0	Rain	11
HURGHADA	260	3	18	02	0	0	—	17.2	+0.7	16	21	0	9	-1	28	-3	0	dr.	
QUSEIR	330	9	15	02	0	0	—	17.1	+1.8	19	22	-2	17	+2	37	4	0	8	4
PORT SŪDĀN	340	10	30	02	0	0	—	13.6		23	27		20		78	19	0		
WĀDI HALFA	360	8	30	02	0	0	—	16.7		14	28		11		25	-6	0		
ABU HAMAD	360	1	30	02	0	0	—			19	31		15		26	-1	0		
KAREIMA	40	8	30	00	0	0	—	13.7		19	31		17		18	-6	0		
ʻATBARA	340	8	30	02	0	0	—	12.9		22	34		18		27	2	0		
KHARTUM	350	8	30	02	0	0	—	13.1		23	35		20		18	-3	0		
KASSALA																			
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID	350	7	30	02	0	0	—	13.7		20	32		15		30	2	0		
EL FASHER																			
GENEINA																			
MALAKĀL	40	9	30	03	1	8	ACCS	11.3		29?	38		23		20	?	0		
WAU	00	0	10	04	1	5		10.2		23	37		23		74	18	0		
JUBA	00	0	18	01	1	4	ACCS	10.9		26	34		21		79	22	4		

Humidity — Mean of day

Station	On 25th	Diff. from normal
Almaza	69	+4
Ezbekiya	60	-1
Giza	68	+2
Helwan	57	+8

GIZA — Grass minimum temp.: 26th 3.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

Rawinsonde

Farouk (Cairo) Airport — On 25th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	174	20		60	6
950					
900					
850	1545	8		360	6
800					
700	3127	0		20	13
600					
500	5734	-18		280	15
400	7364	-30		250	14
300	9354	-43		220	19

Airport — On At

Pressure 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		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut	
Time	14		14		14		14		14	30	14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	8	320	4	10	6	280	8	30	6	350	18	330	15
600	270	5	230	6	10	5	320	2	40	10	350	15	350	13
1000	230	11	210	8	360	6	10	4	50	17	10	13	360	11
1500	280	6	270	6	290	6	280	6	10	12	10	15	30	14
2000	300	8	320	11	340	3	280	8	320	14	350	6	360	6
3000	270	15	300	19			260	9	340	10	350	9	340	2
4000	260	18					270	14	290	10	340	9	260	4
5000	250	14					280	25	270	15	340	5	220	5
6000	240	13							270	14	240	7	210	4
7000	230	12							250	21	240	3	200	9
8000	240	14							240	17	270	4	240	9

Station	Aswan		Dakhla		Kharga		Hurghada		Farafra		S. Barani	
Time	14		14		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	18	360	12	50	15	350	16	40	4	300	11
600	20	8	360	15	50	19	320	13	50	5	260	10
1000	10	8	20	21	50	17	320	11	60	4	260	13
1500			40	13	30	9	360	3	40	2	250	11
2000			80	8			350	9			290	8
3000							320	7			290	15
4000											260	16
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 26th

Station	Sīdi Barāni		Matrūh		Fuad (Alex.) Airport		Port Saʻīd		El ʻArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswan		Hurghada	
Time	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.
300	340	15	330	17	360	16	280	4					20	11	360	12	00	0				
600	330	10	330	11	360	13	30	2					20	15	360	15	270	5				
1000	320	7	330	11	360	11	360	3					10	10	350	12	270	11				
1500	300	17	320	12	340	14	310	14					330	7	330	19	260	9				
2000	290	18					300	21					320	10	320	9	270	17				
3000													300	16	320	13	220	10				
4000															270	16						
5000																						
6000																						
7000																						
8000																						

Station	Sīwa		Bahariya		Dakhla		Kharga		Wād. Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fasher		Malakāl	
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			40	8	60	15	10	10	20	15														
600			40	11	50	14	30	17	60	21					360	21							80	17
1000			30	12	60	17	20	19	50	19	340	9			10	17							50	21
1500			40	15	60	10	30	11	20	15	300	19			350	13							50	24
2000			50	14			10	9	310	24														
3000									310	22					240	11							50	6
4000																								
5000															260	23							130	11
6000															290	25							180	7
7000																								
8000																								

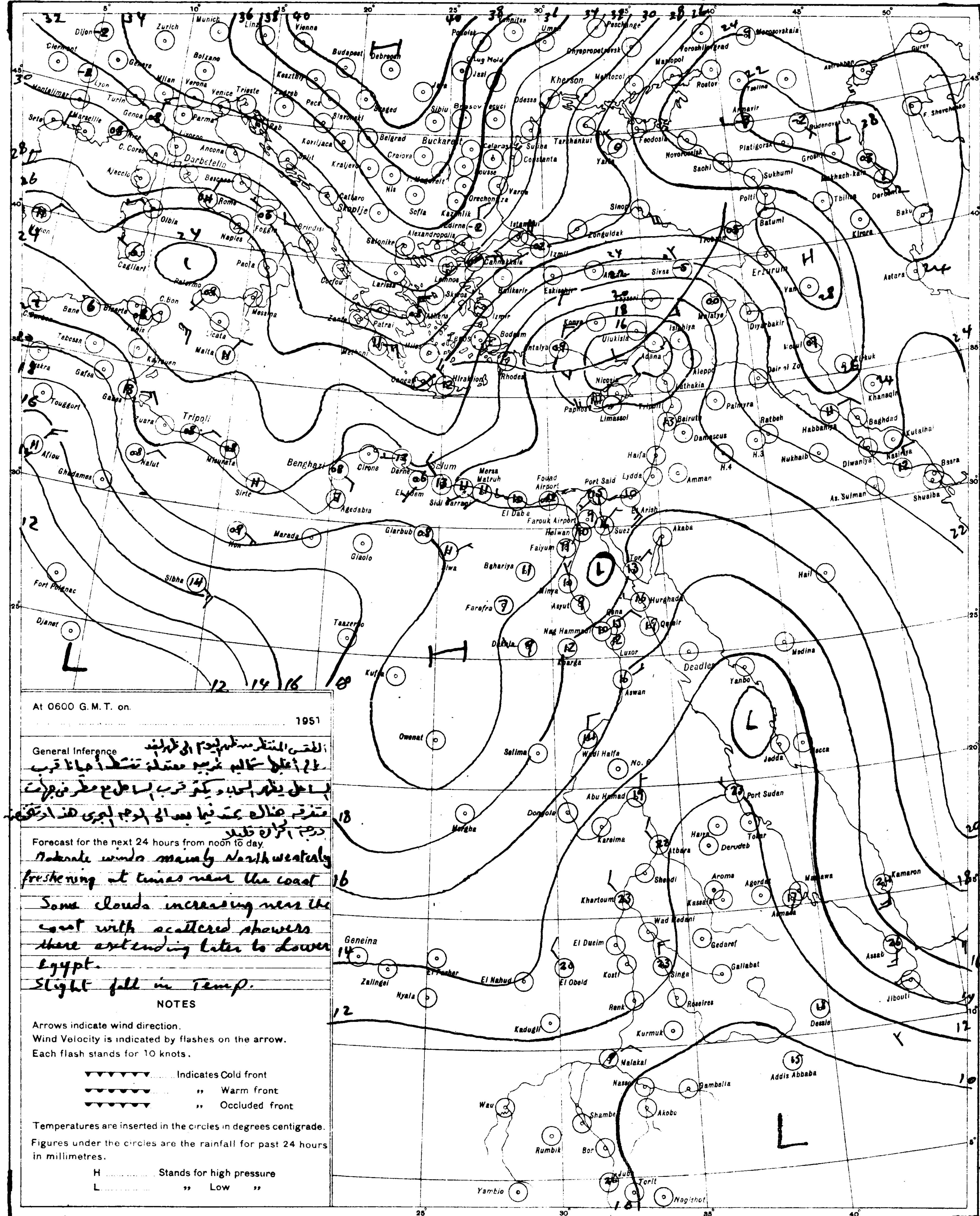
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P.T. 150

Form No. 7F.　　SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 26-2-1953



At 0600 G. M. T. on 1951

General Inference: الطقس المنتظر من ظهر اليوم الى ظهر الغد
رياح أغلبها شمالية غربية معتدلة تنشط أحيانا قرب
السواحل يكثر السحاب ويكثر قرب السواحل مع مطر في جهات
متفرقة هناك يمتد فيما بعد الى الوجه البحري هذا وتنخفض
درجة الحرارة قليلا

Forecast for the next 24 hours from noon to day.
Moderate winds mainly Northwesterly freshening at times near the coast
Some clouds increasing near the coast with scattered showers there extending later to Lower Egypt.
Slight fall in Temp.

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 24 G.M.T.
" " Sunset 15 52 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 27th February, 1952 3

At 1200 on Thursday 26th

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
62300	SALUM	40	8	35	02	2	4	Cu	19.8	17	60	9
303	SIDI BARANI	360	13				2	Cu	19.9	17	56	8
306	MATRUH	330	11	18	01	1	1	Cu	18.9	17	64	10
309	EL DABA	340	9	35	01	1	3	Cu	18.3	17	60	9
	ALEXANDRIA	310	11	50	02	2	4	Sc, Cu	17.4	17	60	9
318	FAYID Alex (Airport)	310	8	18	03	1	7	Cu, Sc	18.3	17	64	10
330	DAMIETTA	290	5	35	01	1	2	Cu	17.9	17	60	9
333	PORT SAID	320	3	30	02	1	4	Sc, Ci	17.2	17	68	11
336	EL ARISH	360	4	30	03	2	6	Ac, Ci	15.6	17	60	9
339	DAMANHUR	360	9	15	02	1	2	Cu	17.8	19	46	7
342	MANSURA	320	5	35	03	2	5	Cb	17.5	18	52	8
348	TANTA	270	2	35	03	2	5	Cu	17.4	18	52	8
[illegible]	ZAGAZIG	00	0	50	02	1	4	Cu	17.2	21	57	12
[illegible]	ISMAILIA	90	2	35	01	1	4	Ac	16.6	20	41	6
	FAYID Cairo (Airport)	360	10	30	01	2	3	Cu, Ci	17.2	20	49	9
	ALMAZA	320	11	18	03	2	4	Cu, Ci	16.6	19	56	10
	EZBEKIYA	330	4?	18	00	1	0	—	17.0	20	46	8
	GIZA	330	4?	18	00	1	0	—	16.6	20	49	9
	HELWAN	320	13	15	01	1	1	Ci	16.2	20	33	3
	FAIYUM	360	6	35	02	1	3	Ci	16.4	22	35	6
	MINYA	340	9	12	03	0	3	Ac	16.5	23	27	3
	ASYUT MANQABAD	320	8	30	03	0	1	Cu	16.3	23	20	-1
	NAG HAMMADI	270	1	15	00	0	0	—	14.0	26	30	7
	QENA	270	1	50	00	0	0	—	12.7	28	27	1
	LUXOR	310	4	30	00	0	0	—	12.6	26	14	-4
	ASWAN	320	3	50	00	0	0	—	12.4	27	9	-8
	SIWA											
	BAHARIYA	340	2	35	02	1	2	Ac	18.3	22	50	11
	FARAFRA	350	5	35	03	0	1		19.0	21	26	1
	DAKHLA	50	4	50	00	0	0	—	15.8	24	15	-5
	KHARGA	00	0	15	00	0	0	—	14.3	25	22	2
	SUEZ	360	4	50	03	0	4	Cu	15.6	21	26	1
	TOR	310	13	50	02	0	0	—	14.2	20	56	11
	HURGHADA	330	16	30	02	0	0	—	13.6	21	57	12
	QUSEIR	360	19	15	02	0	0	—	12.7	22	50	11
	PORT SUDAN	40	12	30	03	0	1	Cu	12.9	26	62	18
	WADI HALFA	10	17	30	02	0	0	—	11.9			-6
	ABU HAMAD	310	2	30	02	0	0	—		31	10	-4
	KAREIMA	360	8	30	02	0	0	—	10.1	32	9	-5
	ATBARA			30	02	0	0	—	7.7	34	12	1
	KHARTUM	50	5	30	02	0	0	—	7.8	34	12	1
	KASSALA	340	5	30	02	0	0	—	5.4	37	18	9
	WAD MEDANI	50	2	35	02	0	0	—	6.1	35	13	3
	RENK	50	13	35	02	0	2	Ac	6.4	37	40	21
	ROSEIRES	310	2	35	02	0	2	Cu, Ci	3.9	38	21	12
	EL OBEID	30	5	30	02	0	3	Ci	7.7	32	17	4
	EL FASHER	00	0	30	02	2	3	Ci		32	17	4
	GENEINA	70	3	30	03	1	7	Cs		34	9	-4
	MALAKAL	40	4	30	03	1	4	Ac	4.9	37	13	5
	WAU	50	8	10	04	1	3	Cu				11
	JUBA	70	5	50	63	2	7	Cu, Sc, Cb	3.4	37	27	15

At 1800 on Thursday 26th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALUM	40	17	15	03	2	8	As	19.6	14	55	5	0
SIDI BARANI	40	15	14	01	2	2	Sc	20.1	13	78	9	0
MATRUH	360	13	12	01	2	3	Sc, Cu	22.5	13	72	8	0
EL DABA	20	8	7	01	1	3	Cu	17.7	14	55	5	0
ALEXANDRIA	360	16	35	02	2	4	Cu	17.2	15	72	10	0
FAYID Alex (Airport)	20	8	12	01	1	0	—	16.9	14	67	8	0
DAMIETTA	290	5	7	01	1	1	Cu	16.6	13	83	10	0
PORT SAID	320	13	18	02	0	1	Sc	16.1	16	72	11	0
EL ARISH												
DAMANHUR	270	9	7	02	0	0	—	17.2	12	72	7	0
MANSURA	360	5		00	1	0	—	16.6	14	77	10	0
TANTA	00	0	35	01	2	4	Cu	16.7	14	88	12	0
ZAGAZIG	00	0	35	02	1	0	—	16.4	14	77	10	0
ISMAILIA	20	2	35	01	0	0	—	16.0	15	59	7	0
FAYID Cairo (Airport)	00	0	12	00	0	0	—	16.4	15	72	10	0
ALMAZA	360	3	12	00	1	0	—	16.5	15	68	9	0
EZBEKIYA	290	4	10	00	0	0	—	16.4	15	77	11	0
GIZA	290	4	10	00	0	0	—	16.0	15	68	9	0
HELWAN	360	8	7	02	0	0	—	16.4	15	59	7	0
FAIYUM	00	0	35	02	1	3	Ci	15.9	15	68	9	0
MINYA	360	6				1	Ci	15.7	13	67	7	0
ASYUT MANQABAD	280	3	12	00	0	0	—	15.4	15	42	2	0
NAG HAMMADI	00	0		00	0	0	—	14.3	16	59	8	0
QENA	270	1	7	00	0	0	—	14.0	15	59	7	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	12.6	21	20	-3	0
SIWA												
BAHARIYA			15	02	1		Ac	17.4	17	60	9	0
FARAFRA	360	4	15	02	2	5	Cs	16.7	17	26	-3	0
DAKHLA	320	9	35	00	0	0	—	15.4	19	23	-3	0
KHARGA	00	0	15	00	0	0	—	14.0	18	20	-5	0
SUEZ	00	0	15	01	0	0	—	15.2	16	59	8	0
TOR	310	5	35	02	0	0	—	14.9	16	49	5	0
HURGHADA	280	12	12	02	0	0	—	13.0	19	43	6	0
QUSEIR	360	5	15	02	0	0	—	12.8	20	46	8	0
PORT SUDAN	160	6	30	02	0	1	Sc, Cu	11.3	25	74	20	0
WADI HALFA												
ABU HAMAD												
KAREIMA	360	8	30	02	0	0	—	10.3	27	13	-4	0
ATBARA	20	3	30	02	0	0	—	8.7	27	19	1	0
KHARTUM	350	7	30	02	0	0	—	8.0	27	25	5	0
KASSALA	340	4	30	02	0	0	—	7.4	27	30	8	0
MALAKAL	30	7	30	01	1	0	—	5.0	31	26	9	0
WAU												
JUBA	180	7	30	15	2	6	Cb	4.4	31	46	18	0

At 0600 on Friday 27th February, 1953

Station	Wind 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	360	9	15	03	2	6	Ac	18.7	+2.1	13	17	-3	10	+1	44	1	0	16	
SIDI BARANI	10	13	15	02	2	6	Cu, Sc	18.5		12	17		12		51	2	0	92	
MATRUH	350	16	18	03	2	7	Cu, Sc	17.7	0.0	12	18		11		67	6	0	37	
EL DABA	340	10	15	02	1	5	Cb	16.0		13	18		10		44	1	0	75	
ALEXANDRIA	310	16	50	03	2	6	Sc	16.0	-0.8	13	18	-2	12	0	44	1	0	91	170
FAYID Alex (Airport)	340	12	12	02	2	6	Cu, Sc	15.6	-1.5	17	18	-1	11	+1	39	3	0	91	131
DAMIETTA	290	5		03	1	6	Cu, Ac	15.2	-1.1	13	18	-1	11	+2	67	7	0	34	91
PORT SAID	300	12	12	02	2	6	Sc, Ci	14.6	-2.2	13	19	0	12	0	63	6	0	44	
EL ARISH																			
DAMANHUR	360	9	7	02	1	4	Ac	15.5	-0.9	13	20	-1	9	0	78	9	0	26	83
MANSURA	220	5	15	03	2	8	Ns	15.1	-1.3	9	20	-1	8	0	88	7	0	26	40
TANTA	220	2	35	03	2	7	Cu, Sc	15.6	-1.2	11	20	-2	6	-1	78	7	0	7	32
ZAGAZIG	00	0	35	02	1	6	Cu	16.2	-0.7	9	22	0	6	-1	88	7	0	15	21
ISMAILIA	270	2	35	03	2	8	As	15.9		10	21		8		88	8	0	22	
FAYID Cairo (Airport)	00	0	6	05	2	8	As	15.9		10	20		9		97	10	0	4	
ALMAZA	00	0	12	02	2	7	As	15.8	-1.9	10	20	-1	10	0	88	8	0	7	
EZBEKIYA	300	3	8	02	2	8	Sc, Ac	15.1	-2.0	12	22	-1	10	+1	59	4	0	15	18
GIZA	300	3	8	02	2	8	Sc, Ac	16.0	-1.1	10	20	-2	6	-1	76	6	0	43	18
HELWAN	360	5	15	03	2	8	Ac	16.2	-1.0	11	21	0	10	0	78	7	0	3	19
FAIYUM	00	0	35	02	2	8	As	16.6	-0.2	11	23	0	10	+2	78	7	0	13	6
MINYA	350	4	8	02	2	7	Ac	15.9	-2.9	12	23	0	10	+4	78	8	0	1	
ASYUT MANQABAD	310	5	6	02	2	8	Ac	15.5	-2.3	12	24	+1	11	+4	78	8	0	2	
NAG HAMMADI	00	0		02	2	6	Cu, Ac	15.2	-1.6	13	27	+3	9	+2	78	9	0	0.1	
QENA	270	1	15	03	1	7	Ac	14.8	-1.3	18?	29	+2	9	0	52	8	0	1	
LUXOR	190	4	30	02	1	7	Cs	14.8	-1.8	15			11		45	3	0	1	
ASWAN	00	0	50	03	2	6	Ac	14.8	-2.0	18	28	+1	12	0	28	-1	0	0.1	
SIWA																			6
BAHARIYA	40	2	35	02	2	8	Ac	17.6	+0.1	12	23	0	11	+4	78	8	0	dr.	7
FARAFRA	40	6	15	03	2	8	Ac	17.1		14	24		10		55	5	0	0	
DAKHLA	110	11	50	01	1	7	Ci	15.8?	-2.0	13	25	-1	8	0	34	-3	0	0	
KHARGA	00	0	35	02	2	8	Ns	14.8	-2.3	14	26	0	11	+2	55	5	0	0	
SUEZ	310	4	35	00	0	8	Ns	16.2	-0.1	14	22	0	8	-3	55	5	0	34	12
TOR			15	03	2	7	Ac	13.8	-2.2	15	21	-1	11	+1	59	7	0	Rain	11
HURGHADA	290	13	14	02	2	6	Ac	13.8	-2.7	18	21	0	12	+2	64	9	0	dr	
QUSEIR	360	2	15	03	1	3	Ci	13.5	-1.8	19	23	-1	16	+1	37	4	0	8	4
PORT SUDAN											27								
WADI HALFA																			
ABU HAMAD																			
KAREIMA											33								
ATBARA											34								
KHARTUM											35								
KASSALA											37								
WAD MEDANI	50	13	35	02	0	0	—	11.2			37		17				0		
RENK																			
ROSEIRES	310	2	50	02	0	0	—				39		20			10	0		
EL OBEID																			
EL FASHER																			
GENEINA																			
MALAKAL																			
WAU	00	0	10	04	2	6	Cs	8.5		24	38		22		65	17	0		
JUBA	180	6	30	03	2	7	Cb, Ac	8.2		27	38		24		62	19	0		

UPPER AIR OBSERVATIONS

	on 26th	
[illegible]	70	+5
[illegible]	76	+15
[illegible]	72	+6
[illegible]	65	+16
GIZA		
27th	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 — ~~Cairo~~ AIRPORT — On 26th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir	Wind Vel
1000	147	18		330	9
950					
900					
850	1513	9		280	5
800					
700	3096	0		270	13
600					
500	5704	-17		260	13
400	7346	-28		300	56
300	9678	-39		300	93

(Two further RAWINSONDE columns, AIRPORT, On … At …, pressure levels 1000–300 mbs: blank.)

UPPER WIND OBSERVATIONS on 26th

Station	Matruh		Kharga		Hurghada		Aswan		Asyut		Minya		Dakhla		Port Said		S. Barani		Farafra		Port Said		Asyut		Minya	
Time	14		14		14		14		14		14		14		14		14		14		20		20		20	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	21	20	10	340	28	340	4	310	12	360	16	10	6	300	10	30	26	300	10	320	16	360	17	360	20
600	360	21	20	15	340	21	330	4	340	10	350	17	20	8	290	17	40	23	320	11	330	13	360	16	350	19
1000	330	4	10	16	320	22	310	9	340	12	350	26	350	4	280	19	40	23	360	14	350	16	360	11	350	18
1500			360	12	290	17	290	9	340	16	340	14	330	3	280	11			360	12	340	23	340	10	320	8
2000					280	20	280	9	300	16	300	12	320	14	260	11			290	10			320	21	280	11
3000									300	18	280	23														
4000									290	20	280	31														
5000											250	33														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	Sidi Barani		Matruh		Alex (Airport)		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		8		8		8				8 30		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	20	12	350	29	320	10	270	14			280	8	350	5	120	3	290	5			320	22	50	10
600	30	18	350	25	310	16	270	16			330	5	340	12	10	9	350	12			330	30	50	12
1000	20	18	300	25	320	17	280	16			340	9	350	6	340	11	340	14			330	17	10	9
1500	360	14	340	23	300	17	270	26					360	4	280	17	280	11			320	13		
2000			340	19											28	23	260	25			320	11		
3000													340	2	260	36								
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		4		4				4		5		4	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			30	14	110?	10	20	14	50	8														
600			30	14	110?	13	30	18	60	11	20	25	50	20	20	29							30	21
1000			30	6	110?	10	20	15	30	9	20	17	40	19					40	27	360	9	40	25
1500			50	23			300	12	350	11	360	8	20	11	10	9			70	13	70	17	60	16
2000			40	21			290	23	350	27	330	6							160	3	140	11		
3000			320	24					330	20	290	21	300	23	270	14			340	10	220	5	100	9
4000																			280	4			140	6
5000											290	25	280	27	250	18								
6000											310	33			290	28								
7000																								
8000											260	26			330	31								

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

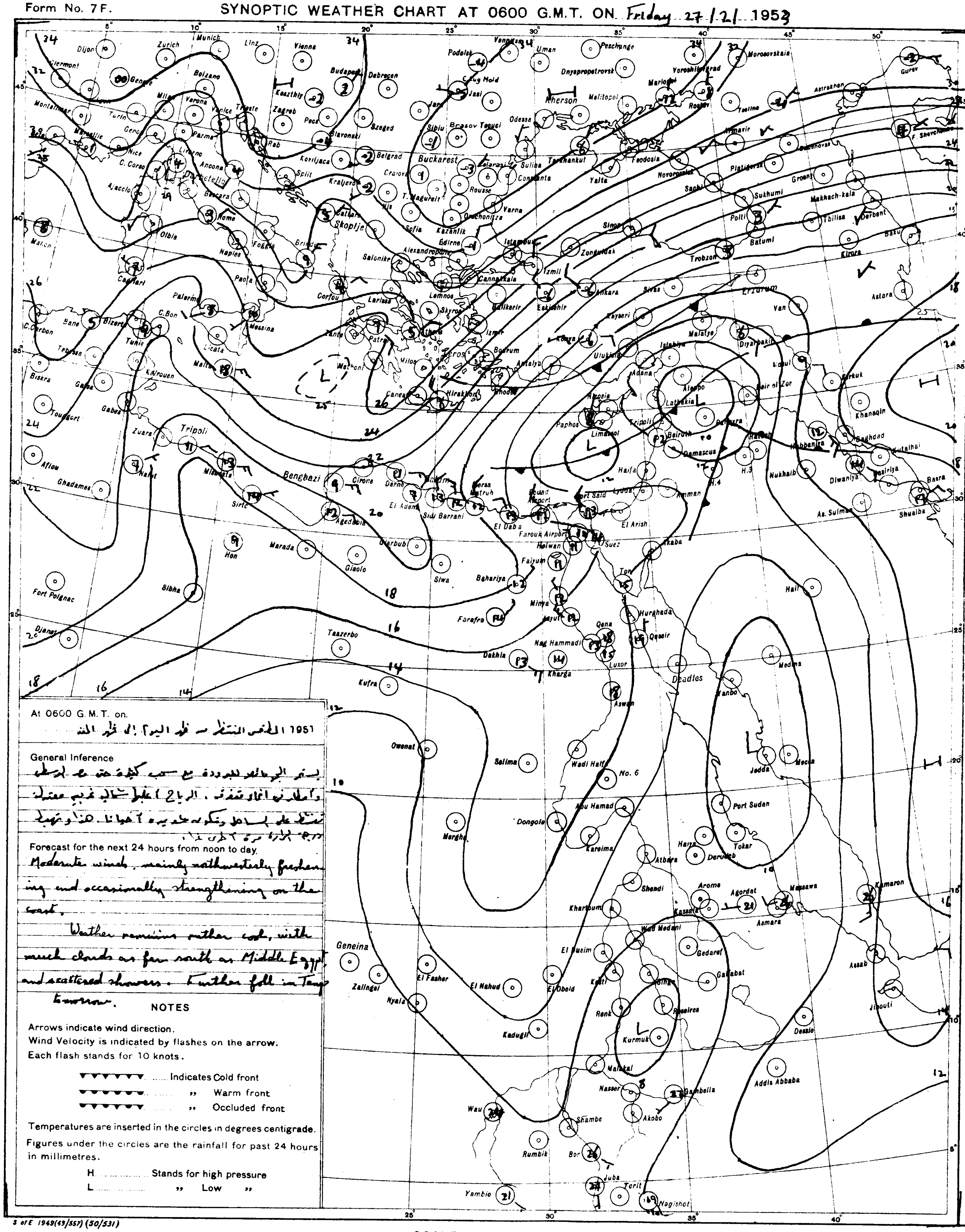
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,355...)(50/537)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON. Friday 27/2/1953



At 0600 G.M.T. on.
الطقس المنتظر من ظهر اليوم الى ظهر الغد 1951

General Inference
يستمر الجو المائل للبرودة مع سحب كثيرة حتى مصر الوسطى وأمطار في أماكن متفرقة . الرياح على العموم شمالية غربية معتدلة تنشط على السواحل وتكون شديدة أحيانا . تنخفض درجة الحرارة مرة أخرى غدا .

Forecast for the next 24 hours from noon to day.
Moderate winds, mainly northwesterly freshening and occasionally strengthening on the coast.
Weather remains rather cool, with much clouds as far south as Middle Egypt and scattered showers. Further fall in Temp tomorrow.

NOTES

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

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

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

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

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 04 23 G.M.T.

" " Sunset 15 53 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Saturday 28th February, 1953

At 1200 on Friday 27th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	8	35	03	2	8	AS	17.4	13	44	1
	303	SIDI BARANI	30	15	18	02	8	3	Cu	17.2	13	38	-1
	306	MATRUH	340	22	18	03	2	7	Cu	15.6	13	67	7
	309	EL DABA	340	15	35	02	1	4	Cb	14.9	14	48	3
		ALEXANDRIA	310	22	50	02	2	5	St	14.6	13	67	7
	318	Alex (Airport)	360	16	18	01	2	5	Cu, Sc, Ci	14.0	15	45	3
	330	DAMIETTA	290	5	15	03	2	8	Cu, Ac	13.4	15	59	7
	333	PORT SAID	300	11	18	02	2	7	Cu, Sc	12.6	16	49	5
	336	EL ARISH	300	5	30	01	2	5	Cu, Sc	12.2	16	49	5
Lower Egypt	339	DAMANHUR	310	9	15	02	1	3	Cu	14.6	15	48	4
	342	MANSURA	320	13	35	03	2	7	Sc, Cu	14.3	16	42	3
	348	TANTA	220	5	35	03	2	5	Cu	14.5	18	46	6
	354	ZAGAZIG	00	0	50	01	1	4	Cu	14.0	17	52	7
	440	ISMAILIA	270	9	35	03	2	8	AS	13.3	17	46	5
Cairo Area	366	Cairo (Airport)	290	5	18	01	2	6	Cu, AS	14.0	16	52	6
	372	ALMAZA	270	9	30	02	2	7	Cu, Sc	13.6	16	49	5
		EZBEKIYA	330	5	14	02	2	8	Sc, Ac	13.7	17	49	6
		GIZA	330	5	14	02	2	8	Sc, Ac	13.5	17	46	5
	378	HELWAN	320	3	35	03	2	8	Cu, Sc	13.8	17	42	4
Upper Egypt	381	FAIYUM	360	4	35	02	2	8	AS	14.4	16	49	5
	387	MINYA	350	10	10	03	2	7	AC	14.6	17	52	7
	393	ASYUT MANQABAD	340	10	12	03	2	7	AC	13.4	20	41	6
	399	NAG HAMMADI	290	1	7	02	2	5	Sc, AC	12.8	24	38	9
	402	QENA	270	1	50	02	1	4	Ci	11.4	25	42	11
	405	LUXOR	260	4	30	01	0	0	—	11.5	25	22	2
	414	ASWAN	00	0	50	00	0	0	—	11.4	27	15	-2
Oases	417	SIWA											
	420	BAHARIYA	360	7	15	02	2	7	AC	16.7	16	59	8
	423	FARAFRA	40	5	35	01	2	1	Ci	15.8	21	41	7
	432	DAKHLA	270	4	50	01	1	3	Ci	12.4	26	13	-5
	435	KHARGA	00	0	35	02	1	4	Ci	11.6	25	28	5
Red Sea	450	SUEZ	310	4	50	01	0	7	Sc	12.3	18	37	3
	459	TOR	310	9	15	03	2	8	AC	11.9	19	64	12
	462	HURGHADA	330	16	18	02	2	5	AC	12.1	18	68	12
	465	QUSEIR	40	9	15	03	1	4	As	12.0	22	50	11
	641	PORT SUDAN	40	16	30	02	2	2	Cu	10.1	27	66	20
North Sudan	600	WADI HALFA	10	6				1					-7
	640	ABU HAMAD	50	1	30	03	0	2	Ci		31	11	-3
	660	KAREIMA	40	8	30	02	0	0	—	9.4	31	6	-11
	680	ATBARA											
	721	KHARTUM	20	7	30	02	0	0	—	6.5	34	12	0
	730	KASSALA	340	3	30	02	0	0	—	4.9	37	20	11
Central Sudan	751	WAD MEDANI	50	5	35	02	0	0	—				0
	761	RENK	360	9	35	02	0	2	AC	4.1	38	38	21
	802	ROSEIRES	310	2	35	02	0	0	—	2.2	39	16	9
	771	EL OBEID	60	12	30	02	2	6	Cs	5.2	34	19	7
	760	EL FASHER											
	770	GENEINA											
South Sudan	840	MALAKAL	90	4	30	03	1	7	Cu, AC	3.0	37	20	11
	880	WAU	90	10	10	04	2	7	Cu, Ci	2.6	37	22	12
	941	JUBA	90	8	50	15	2	7	Cb, Ci	3.3	35	16	6

At 1800 on Friday 27th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	40	9	15	03	8	8	AS	16.6	12	44	0	dr.
SIDI BARANI	30	10	14	02	2	8	Cu, Sc	16.4	11	47	0	dr.
MATRUH	360	14	14	02	2	7	Sc, Cu	14.9	12	63	5	0
EL DABA	340	7	7	03	2	8	St	14.2	12	55	3	0
ALEXANDRIA	310	18	35	03	2	6	Cu, Sc	14.6	12	44	0	0
Alex (Airport)	320	12	12	02	2	7	Sc	14.2	12	55	3	0
DAMIETTA	320	5		01	1	4	Cu	13.1	13	55	4	0
PORT SAID	290	16	14	03	1	3	Sc	12.9	13	48	2	0
EL ARISH												
DAMANHUR	310	9	7	02	1	4	Sc, Cu	14.6	10	76	6	0
MANSURA	270	5		03	2	5	Sc, Cu	14.0	12	44	0	0
TANTA	00	0	35	03	2	7	Sc, Cu	14.6	11	77	7	0
ZAGAZIG	00	0	35	02	1	0	—	13.7	9	76	5	0
ISMAILIA	270	5	35	01	1	4	AC	14.0	13	55	4	0
Cairo (Airport)	00	0	12	03	1	3	Ac, Ci	14.7	11	71	6	0
ALMAZA	340	5	12	03	1	5	Sc, Cs	14.4	11	71	6	0
EZBEKIYA	360	3	10	00	2	0	—	14.8	13	55	4	0
GIZA	360	3	10	00	2	0	—	14.4	11	63	4	0
HELWAN	320	11	15	02	2	8	Cs	14.6	12	55	3	0
FAIYUM	00	0	35	02	2	8	As	15.4?	13	67	7	0
MINYA	00	0	8	03	2	4	Ac, Ci	14.7	12	67	6	0
ASYUT MANQABAD	00	0	8	01	1	1	Ci	14.8	14	59	6	0
NAG HAMMADI	290	1		00	0	0	—	13.6	16	68	10	0
QENA	270	1	7	00	0	0	—	13.0	16	59	8	0
LUXOR	00	0	12	00	0	0	—	12.2	19	40	5	0
ASWAN	00	0	50	01	1	2	Ci	10.7	22	16	-5	0
SIWA	90	7	9	02	2	8	Sc, AC	15.2	15	42	2	dr.
BAHARIYA	00	0	35	02	2	8	AC	15.8	14	77	10	0
FARAFRA	10	12	15	01	2	5	AC, Ci	14.2	17	42	4	0
DAKHLA	20	9	35	00	0	0	—	12.4	20	17	-6	0
KHARGA	00	0	15	00	1	0	—	11.9	20	33	3	0
SUEZ	310	3	15	01	0	4	Sc	13.5	14	55	5	0
TOR	310	5	15	01	2	4	AC	13.0	18	46	6	0
HURGHADA	300	13	12	02	1	4	AC	13.0	18	56	9	0
QUSEIR	20	2	15	01	1	0	—	13.6	20	56	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 Saturday 28th February, 1953

Station	Wind 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	360	8	15	03	2	8	As	13.6	-3.0	9	15	-5	7	-3	71	4	3	19	
SIDI BARANI	10	11	15	60	2	8	Sc, AS	13.3		10	14		8		62	3	1	93	
MATRUH	360	13	12	02	2	8	Sc, AS	12.4	-4.3	11	15		7		88	9	0	37	
EL DABA	360	7	15	03	2	8	St	12.3		10	15		8		76	6	0	75	
ALEXANDRIA	300	16	1.5	02	2	8	Cu, Sc	12.4	-4.3	11	16	-4	10	-2	51	1	0	91	170
Alex (Airport)	360	10	14	02	2	8	Cu, Sc	12.8	-4.2	11	16	-3	11	+1	58	3	0	91	132
DAMIETTA	220	2		03	2	8	Sc	12.7	-3.6	9	15	-4	7	-2	71	4	0	34	92
PORT SAID	240	15	14	03	2	8	AC	12.5	-4.3	11	16	-3	10	-2	63	4	0	44	
EL ARISH	220	3	18	03	2	8	Sc, Cu	12.5	-4.4	11			8		47	0	dr.	16	
DAMANHUR	310	5	15	02	2	8	Sc	13.0	-3.4	12	16	-5	8	-1	67	6	0	26	84
MANSURA	270	5	15	03	2	8	NS	12.6	-3.8	9	17	-5	8	0	71	4	0	26	40
TANTA	00	0	7	03	2	8	St	13.1	-3.7	9	19	-3	7	0	88	7	0	7	32
ZAGAZIG	00	0	35	03	1	8	Cu	13.1	-3.8	9	19	-3	6	-1	71	4	0	15	21
ISMAILIA		2	35	03	2	2	AS	13.0		11	18		7		51	1	0	22	
Cairo (Airport)	00	0	13	02	2	7	Sc	13.3		10	17		9		71	5	0	4	
ALMAZA	40	2	12	01	2	6	Sc, Cu	12.9	-4.7	11	18	-4	9	-1	63	4	0	7	
EZBEKIYA	00	0	8	01	2	6	AC	13.0	-4.0	11	19	-4	9	0	58	3	0	15	18
GIZA	00	0	8	01	2	6	AC	12.8	-4.3	10	19	-3	7	0	62	3	0	43	18
HELWAN	20	5	15	02	2	8	AC	12.6	-4.6	11	17	-4	9	-1	51	1	0	3	19
FAIYUM	360	4	35	03	2	8	As	12.4	-4.4	10	18	-5	8	0	76	6	0	13	6
MINYA	10	9	8	03	1	5	AC	11.8	-6.9	11	18	-5	9	-3	54	2	dr.	1	
ASYUT MANQABAD	270	8	8	03	1	7	Sc, AC	10.9	-6.8	11	20	-3	10	+3	63	4	0	2	
NAG HAMMADI											26	+2							
QENA	90	1	35	03	1	4	Ci	10.6	-5.4	18?	27	0	11	+2	52	8	0	1	
LUXOR	90	4	30	03	1	5	Sc	9.5	-7.1	15			11		42	2	0	1	
ASWAN	290	2	50	00	0	0	—	9.6	-7.1	17	28	+1	13	+1	52	7	0	0.1	
SIWA	70	11	12	03	2	8	Sc, AC	13.4	-5.1	10	17	-6	10	+4	62	3	dr.	1	6
BAHARIYA	40	3	35	02	2	6	AC	13.1	-4.4	9	17	-6	8	+1	71	4	0	dr.	7
FARAFRA	40	15	2	10	4	5	Cu, AC	11.2		10	21		9		62	3	0	0	
DAKHLA	00	0	50	02	0	4	Ci	11.0	-6.7	13	26	0	11	+3	44	1	0	0	
KHARGA	00	0	3	06	2	8	Sc	9.5	-7.6	15	25	-1	13	+4	48	4	0	0	
SUEZ	40	3	35	00	0	6	Cu	13.0	-3.3	11	21	-1	7	-4	63	4	0	34	12
TOR	00	0	35	03	2	4	AC	11.2	-4.7	15	22	0	13	+3	68	9	0	Rain	11
HURGHADA	260	5	14	02	1	3	Ac	11.1	-5.3	16	20	-1	16	+2	52	6	0	dr	
QUSEIR	360	2	15	03	1	3	As	10.4	-4.8	18	23	-1	16	+1	52	8	0	8	4
PORT SUDAN	310	4	30	02	0	1	Cu	11.3		23	27		18		41	9	0		
WADI HALFA																			
ABU HAMAD																			
KAREIMA	40	4	30	02	0	0	—	8.1		21	32		17		31	3	0		
ATBARA	70	3	30	02	0	0	—	8.0		23	34		17		44	10	0		
KHARTUM	00	0	30	02	0	0	—	7.3		23	35		18		29	4	0		
KASSALA	50	1	30	02	0	0	—	7.1		27	38		16		52	16	0		
WAD MEDANI	50	13	50	02	1	0	—	7.8		24	38		17		17	-3	0		
RENK			35	02	0	2	AC			26	39		16		45	13	0		
ROSEIRES	310	2	35	02	0	0	—	7.6		26	40		18		37	10	0		
EL OBEID	70	6	30	02	0	0	—	7.6		23	36		18		26	2	0		
EL FASHER	00	0	30	02	0	0	—			19	36		14		28	0	0		
GENEINA	30	7	30	03	0	1				17	37		14		30	-1	0		
MALAKAL	360	2	30	03	1	5	Ci	6.9		29	39		22		25	7	0		
WAU	270	3	10	04	2	7	AC	6.7		26	39		25		48	14	0		
JUBA		2	30	02	2		Sc, AC	6.9		26	36		23		70	20	0		

HUMIDITY — Mean of day

Station	on 27th	Diff. from normal
Alexandria	43	-22
Ezbekiya	46	-15
Giza	63	-2
Helwan	55	+6

GIZA — GRASS MINIMUM TEMP. on 28th 4.5

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 — Cairo Airport — On 27th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	121	16		300	10
950					
900					
850	1471	3		280	19
800					
700	3023	-1		270	35
600					
500	5638	-15		270	55
400	7307	-27			
300					

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

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

UPPER WIND OBSERVATIONS on 27th

Station	Matruh		Alex. A.P.		Port Said		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		El Arish		Port Said		Almaza		Alex. A.P.	
Time	14		14		14		14		14		14		14		14		14		20		20		20	15	20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	200	16	320	15	300	18	340	12	320	11	340	4	360	6	20	6	320	19	260	12	260	25	320	11	320	12
600	200	19	310	15	300	20	340	16	330	14	310	4	360	5	10	9	330	25	270	13	250	21	300	11	320	12
1000	210	23	310	17	290	16	340	16	320	12	320	3	350	2	360	9	280	12	280	15	260	20	290	13	310	17
1500			300	11	270	10	280	11	310	19			260	29	360	5	240	10	230	21	270	15	230	23		
2000					260	17	300	22	290	23							240	21			230	29				
3000																	200	28								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time	8		8				8		8	15	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	10	14	10	9			250	15	220	14	360	6	10	16	30	3					320	9		
600	10	19	10	13			260	16	240	12	20	6	20	17	120	10					190	6		
1000	10	13	360	11			270	16	250	12	320	9	80	9	130	29					180	22		
1500			320	10			270	13	240	26	260	12	140	10	180	42					190	20		
2000							270	31	290	27	230	22	180	24	210	51								
3000													230	61	240	55								
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		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	19	140	27	110	5	130	11														
600			50	33	150	30	150	17	140	20			80	16	40	21								
1000			50	23	140	31	160	30		21			100	15	30	17			60	24				
1500			30	19	140	42	200	35	160	18			110	19	20	12			110	7				
2000			90	11			210	38	230	17					70									
3000									260	19			140	5	110	15			300	7				
4000									290	10					10	7								
5000									310	20					240	5								
6000									290	16					250	12								
7000															290	17								
8000															310	30								

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

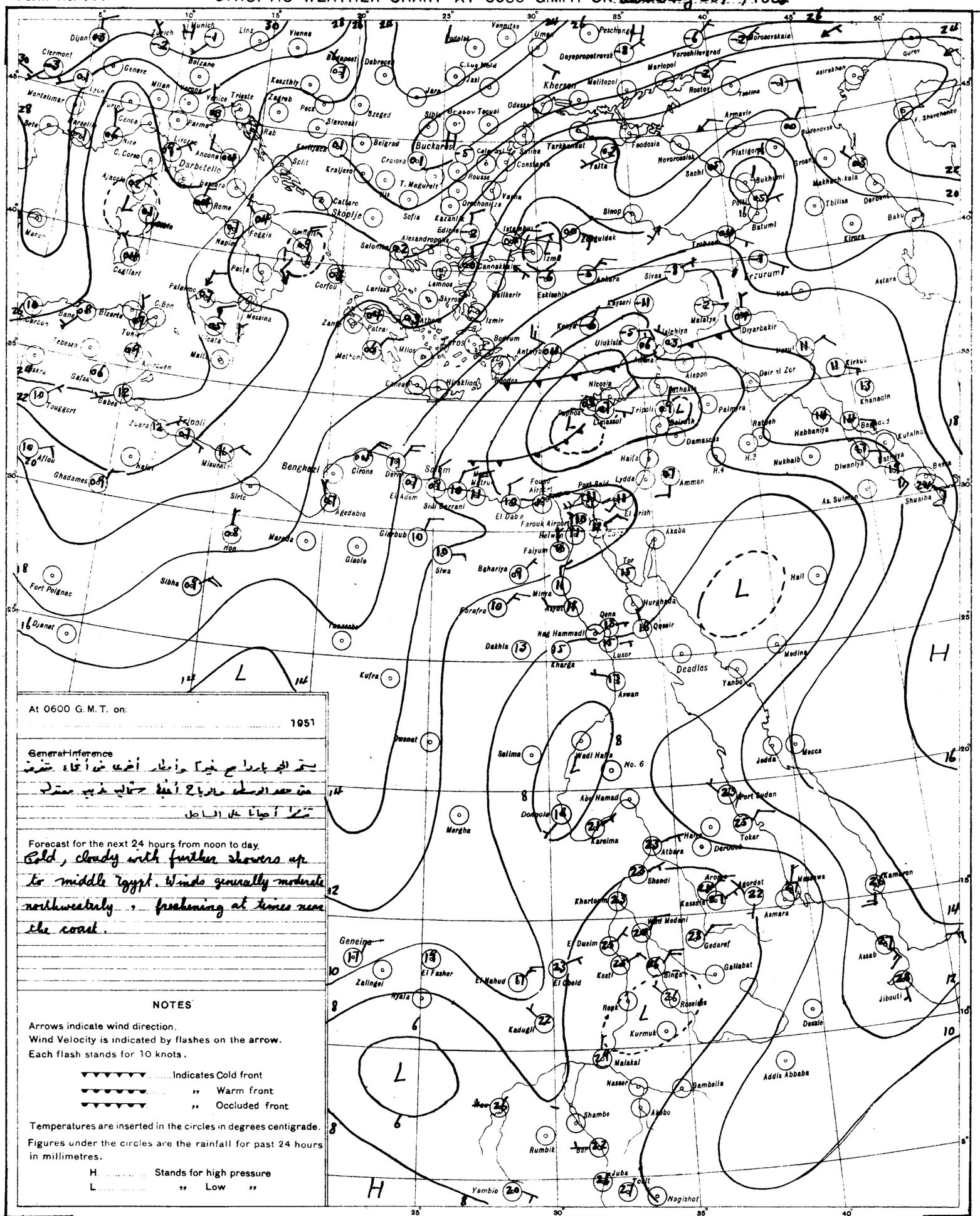
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,557) (50,537)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 28/2/1953



At 0600 G.M.T. on:

..... 1951

General Inference

يسود الجو بارداً مع غيوم وأمطار أخرى من أنحاء شرقية
من حوض البحر المتوسط والرياح أغلبها جنوبية غربية معتدلة
تنشط أحياناً على الساحل

Forecast for the next 24 hours from noon to day.

Cold, cloudy with further showers up to middle Egypt. Winds generally moderate northwesterly, freshening at times near the coast.

NOTES

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

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

Temperatures are inserted in the 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

فبراير
٢٨

Eng. Complete
Fol. 453

LIBRARY
WEATHER BUREAU

CAIRO
Time of Sunrise 04 22 G.M.T.
" " Sunset 15 54 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sanday 1st March, 1952 3

At 1200 on Saturday 28th / At 1800 on Saturday 28th

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	20	9	35	21	8	8	AS	12.8	9	88	7	270	19	15	03	8	6	AC	15.9	8	58	0	dr
	303	SÎDI BARÂNI	360	8	18	21	8	8	SC,AS	12.6	11	54	2	330	14	14	21	8	6	SC,AC	14.2	8	71	3	1
	306	MATRÛH	350	6	14	02	2	8	SC,AS	11.5	11	71	6	280	10	14	61	8	8	NS,AC	13.9	9	82	6	0.3
	309	EL DAB'A	290	2	15	03	2	8	St	11.5	10	62	3	340	6	7	03	8	7	St	12.9	10	62	3	1
		ALEXANDRIA	360	9	50	02	5	8	St	11.8	10	62	3	310	6	0.02	80	8		Cu, Sc	12.6	8	88	6	2
	318	FOUAD (Airport)	00	0	14	02	8	8	Sc,As	11.8	10	67	4	350	4	10	61	6	8	SC,AS	12.4	8	88	6	2
	330	DAMIETTA	220	5	3	50	5	8	Sc	11.6	11	63	4	220	2	3?	50	6	8	SC	12.4	10	88	8	2
	333	PORT SA'ÎD	250	13	12	62	6	8	AC	11.8	10	94	9	280	12	12	61	6	8	AC	11.6	9	82	6	4
	336	EL 'ARISH	270	2	18	61	6	8	AS	11.6	11	71	6	240	3	12	61	6	8	cb, AS	10.2	9	94	8	5
Lower Egypt	339	DAMANHUR	310	5	3?	50	5	8	St	11.5	10	76	6	310	5	3?	51	6	8	Sc	13.0	10	76	6	1
	342	MANSURA	270	9	15	50	5	8	NS	12.2	11	63	4	240	5	3	50	6	8	NS	12.3	8	88	6	3
	348	TANTA	310	2	7	03	6	8	St	11.8	9	88	7	00	0	7	03	6	8	St	13.0	9	88	7	3
	354	ZAGAZIG	00	0	50	61	6	8	Cb	11.8	10	88	8	00	0	35	02	6	8	Sc	12.0	8	97	8	4
	440	ISMAILIA	360	2	35	51	6	8	As	11.8	11	77	7	360	2	35	51	6	8	AS	12.0	8	88	6	4
Cairo Area	366	Cairo (Airport)	40	9	14	25	8	8	Cu,Sc	10.9	11	77	7	40	7	12	02	2	8	Sc,As	12.2	8	88	6	Rain
	372	ALMAZA	20	14	15	51	5	8	AS	11.0	10	82	7	30	9	12	02	2	8	NS	12.2	8	88	6	dr.
		EZBEKIYA	360	5	14	03	5	8	SC,AS	11.1	12	67	6	360	4	10	02	2	8	SC,AS	11.8	9	76	5	dr.
		GIZA	360	5	14	03	5	8	SC,AS	11.0	12	63	5	360	4	10	02	2	8	Sc,As	12.2	9	76	5	dr.
	378	HELWÂN	360	14	7	20	5	8	AS	9.9	12	55	3	360	13	15	03	2	8	NS,AS	11.9	9	62	2	dr.
Upper Egypt	381	FAIYÛM	360	6	35	02	2	8	AS	8.2	14	48	3	00	0	35	02	2	8	AS	11.1	9	62	2	0
	387	MINYA	350	15	8	02	1	8	AC	6.2	15	48	4	350	15	8	02	1	0	—	8.8	11	63	4	0
	393	ASYÛT MANQABAD	360	2	10	01	8	7	AS	4.4	20	33	3	350	18	8	03	8	7	AS,CS	7.4	13	41	0	dr
	399	NAG' HAMMADI	110	1		02	2	2	AS	4.0	24	32	6	110	1		03	2	6	AS				4	0
	402	QENA	90	1	35	20	8	8	Cu,Sc	4.0	22	57	13	00	0	7	02	8	6	St	3.8	22	57	13	1
	405	LUXOR	00	0	30	02	8	8	Sc,Ac	3.9	21	53	11	110	8	12	01	8	5	AS	2.2	21	41	7	dr.
	414	ASWÂN	00	0	50	03	2	6	AC	3.0	34	10	-2	340	4	50	03	2	7	Sc,Cu	1.6	29	14	-1	0
Oases	417	SÎWA	10	9	12	51	5	8	Cb,As	13.9	10	71	5												
	420	BAHARIYA	40	3	35	02	2	7	AC	9.4	16	59	8	360	5	15	02	2	7	Ac	12.2	10	76	6	0
	423	FARAFRA	20	13	15	02		3	St, Cu	8.3	18	37	3	360	23	15	01	2	0	—	12.0	13	44	1	0
	432	DAKHLA	80	26	7	32	3	1	Ci	3.6	31	5	-14	360	26	1.5	34	3	0	—	7.9	17	26	-3	0
	435	KHARGA	00	0	7	02	2	8	Sc	2.0	25	34	8	360	15	1.5	01	2	5	Sc	3.4	18	37	3	0
Red Sea	450	SUEZ	310	3	50	03	5	8	NS	10.2	13	55	4	360	3	15	02	5	8	NS	11.0	10	88	8	4
	458	TÔR	220	9	35	03	2	8	AC	6.8	18	73	13	40	5	15	03	2	8	AC	8.2	17	77	13	0
	462	HURGHADA	90	4	18	02	8?	8	AS	7.8	20	64	13	00	0	10	02	2	8	AC	5.6	21	74	16	dr.
	465	QUSEIR	120	2	15	03	2	8	AS		22	65	15	120	13	15	01	1	4	AC	4.6	22	65	15	0
	641	PORT SUDÂN																							
Northern Sudan	600	WÂDI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA	210	4	30	02	0	0	—	2.0	37	12	3												
	680	ATBARA	170	9	30	02	0	0	—	1.8	37	11	1												
	721	KHARTUM	100	2	30	02	0	0	—	1.8	37	13	4												
	730	KASSALA	90	1	30	02	0	0	—	999.8	39	16	9												
Central Sudan	751	WAD MEDANI	00	0	35	02	0	0	—	1.0	38	11	3												
	801	RENK	270	9	35	02	0	2	Ac Cs	2.3	39	42	24												
	802	ROSEIRES																							
	771	EL OBEID	110	6	30	02	0	1	Ci	1.7	36	17	7												
	760	EL FASHER																							
	770	GENEINA	230	13	35	02	2	7	Ci		35	13	3												
Southern Sudan	840	MALAKAL	310	2	35	02	0	0	—	0.0	39	13	6												
	880	WAU	140	5	8	04	2	7	Cu, Ci	1.5	37	25	14												
	941	JUBA	350	3	30	25	8	6	Cb, AC	2.0	33	38	17												

At 0600 on Sunday 1st March, 1953

Wind 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
										12	-8					2	21		SALUM
310	14	10	62	6	8	NS, AS	15.0		8	12		7		88	6	2	90		SÎDI BARÂNI
320	19	14	21	5	7	Cu, Sc	13.9	-2.8	11	12		5		67	5	1	38		MATRÛH
340	13	15	02	1	4	Cu	13.5		10	12		5		62	3	5	80		EL DAB'A
310	27	50	03	2	6	Cb	13.4	-3.2	10	15	-5	7	-5	62	3	7	98	171	ALEXANDRIA
340	20	12	01	8	6	Cu	13.3	-3.7	10	12	-7	5	-5	67	4	6	97	133	FOUAD (Airport)
220	5	7	01	5	2	Cb	13.0	-3.3	8	13	-6	5	-5	88	6	6	40	92	DAMIETTA
270	15	18	02	1	3	Cu, Ac	12.3	-4.4	9	12	-7	7	-5	82	6	7	51		PORT SA'ÎD
270	15	18	01	6	2	Cu	11.6	-5.2	8	15		6		82	5	13	29		EL 'ARISH
310	9	7	50	6	4	Cu	13.4	-3.0	11	11	-11	8	-1	77	7	3	29	84	DAMANHÛR
270	5	35	00	1	0	—	13.6	-2.8	7	12	-10	5	-3	87	5	6	32	41	MANSÛRA
00	0	35	01	2	3	Cu	13.6	-3.2	8	12	-10	3	-4	88	6	4?	11	33	TANTA
00	0	35	02	0	0	—	14.0	-2.8	7	10	-12	4	-3	87	5	4	19	22	ZAGAZIG
270	5	35	03	1	3		13.9		8	14		5		88	6	5	27		ISMAÎLIA
250	10	12	01	2	5	NS	14.6		8	12		5		82	5	0.2	4		Cairo (Airport)
220	8	12	02	2	3	Cu	14.6	-2.9	7	13	-9	6	-4	87	5	dr.	7		ALMÂZA
00	0	8	01	2	5	Sc, Ac	14.8	-2.2	7	14	-9	6	-3	87	5	dr.	15	19	EZBEKIYA
00	0	8	01	2	5	Sc, Ac	15.2	-1.9	9	14	-8	5	-2	71	4	dr	43	19	GÎZA
00	0	35	01	6	4	NS, AS	15.6	-1.5	6	13	-9	6	-4	87	4	dr.	3	20	HELWÂN
20	3	35	01	1	3	St	16.6	-0.1	8	15	-9	3	-5	71	3	0	13	7	FAIYÛM
350	2	10	02	0	0	—	16.7	-1.8	6	16	-7	2	-4	87	4	0	1		MINYA
310	8				1	AC	16.3	-1.2	6	20	-3	4	-3	76	2	0.2	2		ASYÛT MANQABAD
340	3		00	0	0	—	15.1	-1.6	10	27	+2	6	-1	62	3	0	0.1		NAG' HAMMÂDI
320	1	35	00	0	0	—	14.0	-1.8	13	23	-5	8	-1	67	7	1	2		QENA
330	17	30	01	1	1	AC	13.5	-2.9	12	24		9		31	-5	dr.	1		LUXOR
340	11	1.5	09	3	6	Cu	13.5	-3.0	13	35	+7	11	-2	44	1	0	0.1		ASWÂN
310	5	14	00	0	0	—	19.6	+1.1	4			3	-3	75	0	1	2	6	SÎWA
320	2	35	02	0	0	—	17.9	+0.5	7	17	-7	4	-4	87	5	0	dr.	7	BAHARÎYA
350	3	35	02	0	0	—	18.8		7	19		4		87	5	0	0		FARAFRA
340	25	50	00	0	0	—	19.1	+1.6	8	32	+6	6	-2	71	3	0	0		DAKHLA
360	11	3	07	0	0	—	16.7	-0.2	8	32	+5	8	-1	71	3	0	0		KHARGA
00	0	35	00	6	1	Cu	14.0	-2.2	9	15	-7	3	-8	71	4	7	42	12	SUEZ
310	19	35	02	0	0	—	12.7	-3.1	12	20	-2	11	0	55	3	9	Rain	12	TÔR
300	30	14	02	0	2	Cu	11.1	-5.1	13	21	0	12	+1	63	6	7	7		HURGHADA
360	5	15	03	1	4	CS	10.3	-4.8	15	23	-1	14	-2	68	9	0	8	4	QUSEIR
																			PORT SUDÂN
																			WÂDI HALFA
																			ABU HAMAD
																			KAREIMA
																			'ATBARA
																			KHARTUM
210	5	30	03	0	1	AC	6.0		27	40		17		40	12	0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
																			EL OBEID
																			EL FÂSHER
																			GENEINA
140	1	30	01	2	4	AC	6.1		29	40		23		43	15	0			MALAKÂL
																			WÂU
180	5	30	03	2	8	Cu, CS	6.5		28	36		22		58	19	dr.			JUBA

Humidity

Mean of day

Station	on 28th	Diff. from normal
Alexandria	68	+3
Ezbekiya	60	-1
Giza	61	-4
Helwan	57	+8

GIZA
Grass minimum temp.
on 1st March, 1.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ... (Pressure mbs. / Height above M.S.L. metres / Dry °C. / Wet °C.) — no entries.

Remarks

RAWINSONDE — Cairo Airport, On 28th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	103	10		40	11
950					
900					
850	1427	0		340	21
800					
700	2976	-2		200	43
600					
500	5571	-17		230	73
400	7214	-27			
300	9234	-39			

(Two further Rawinsonde columns — Airport, On ... At ... — are blank.)

UPPER WIND OBSERVATIONS on 28th

Station	Matruh		Port Said		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		S. Barani				Minya		Asyut	
Time	14		14		15	15	14		14		14		14		14		14		14				21	30	21	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	14	310	17	20	15	10	22	340	18	160	10	330	32	180	20	140	24	340	23			340	23	340	18
600	350	9	310	8	20	17	10	27	350	7	160	19	340	37	200	44	150	30	340	20			360	25	360	28
1000	350	13	320	11	30	17	10	21	170	11	170	17	340	52	290	29	170	25	340	26			340	27	360	43
1500	320	19					340	16			170	25					200	10	330	21			330	28		
2000							340	10																		
3000							50	14																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st March

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		El'Arîsh		Helwan		Minya		Asyût Manqabâd		Luxor		Aswan		Hurghada		Almaza	
Time	8						4		8		6	45	8		8		8	30					3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	21					240	21	250	22	270	2	340	11	320	11	320	19					260	9
600	330	26					250	21	230	27	280	11	340	13	330	10	320	18					240	7
1000	330	26					260	21	230	27	340	18	330	15			320	13					240	10
1500							270	18	230	24			330	11			350	9						
2000									280	22							10	9						
3000									280	30														
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		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	22	10	23	20	25	350	23														
600			340	23	10	26	10	30	360	26	330	17												
1000			350	15	10	26	10	29	350	36	310	17												
1500											280	13												
2000																								
3000											240	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.

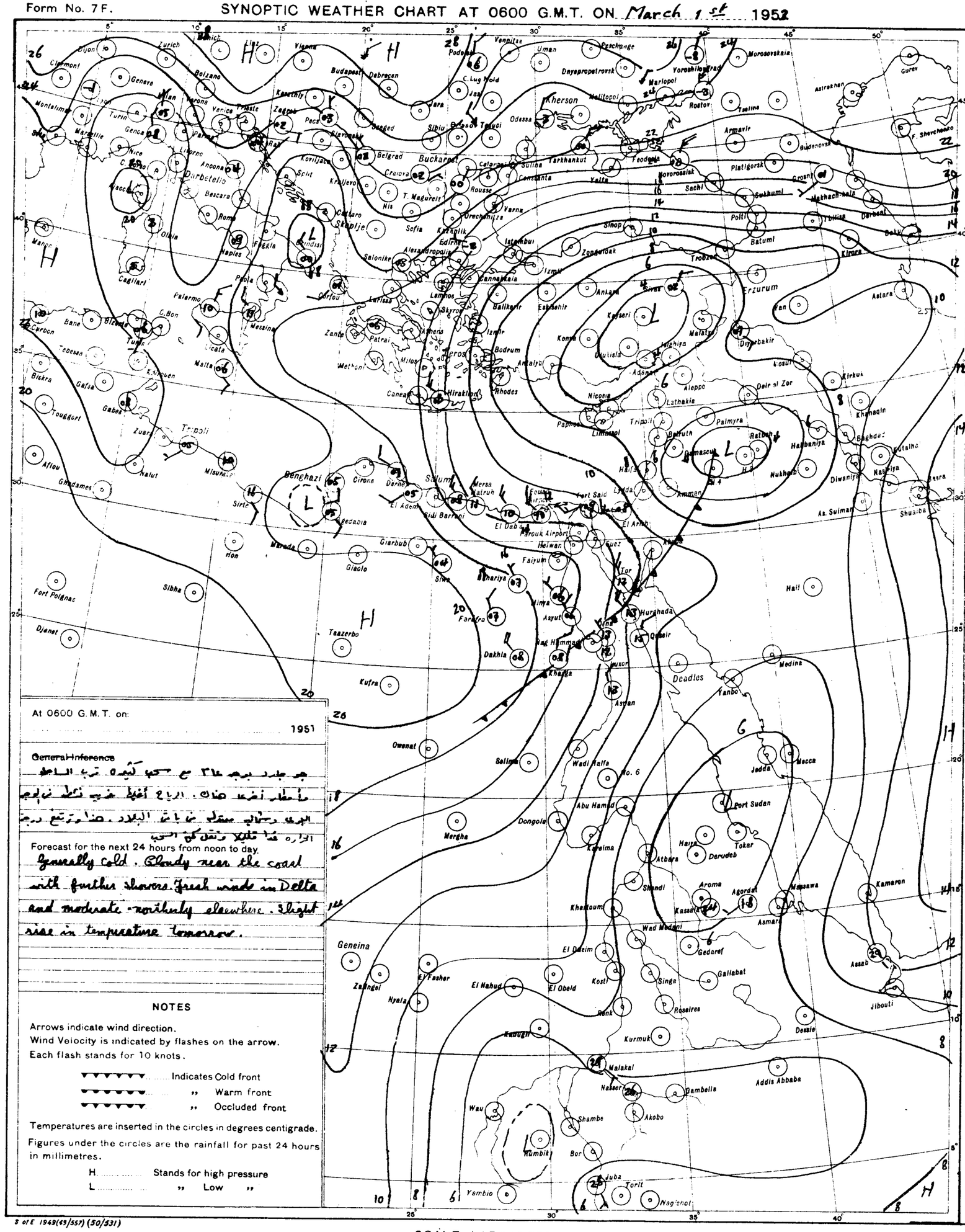
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,351) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON March 1st 1952



At 0600 G.M.T. on:

..... 1951

General Inference

جو جلد برجه ٣٤ مع سحب كثيره قرب الساحل
ما مطار أضعه هناك. الرياح أغلبها جنوب نشط في البحر
البحر وشمالي مستقل في باقي البلاد. حدوث ترتفع درجة
الحرارة قليلا قليلا وتقل كل السحب

Forecast for the next 24 hours from noon to day.

Generally cold. Cloudy near the coast with further showers. Fresh winds in Delta and moderate northerly elsewhere. Slight rise in temperature tomorrow.

NOTES

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

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

Temperatures are inserted in the 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

LIBRARY

CAIRO
Time of Sunrise 04 21 G. M. T.
" " Sunset 15 55 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date : Monday 2nd March 1952 3

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	290	13	7	03	6	8	AS	17.0	12	63	5
	303	SĪDI BARĀNI	320	12	18	02	8	7	cu, sc	17.0	13	44	1
	306	MATRŪH	310	16	18	02	2	6	cu, sc	15.7	14	67	8
	309	EL DABʻA	320	18	35	03	2	7	st	15.2	13	44	1
		ALEXANDRIA	310	22	35	02	8	7	cb	15.2	12	55	3
	318	FOUAD (Airport) Aboa	330	21	18	01	8	7	Cb	14.9	14	55	5
	330	DAMIETTA	250	5?	35	03	6	3	cu	13.8	14	63	7
	333	PORT SAʻĪD	300	16	30	01	8	3	cu, sc	13.8	14	55	5
	336	EL ʻARISH											
LOWER EGYPT	339	DAMANHUR	310	13	15	02	6	5	cb	15.1	13	67	7
	342	MANṢURA	320	9	35	03	5	6	NS	14.4	13	55	4
	348	TANTA	270	13	35	03	2	6	cu	14.4	13	55	4
	354	ZAGAZIG	20	4	35	02	1	3	st	14.7	16	36	1
	440	ISMAʻILIA	270	5	35	03	1	6	cu	14.8	13	55	4
CAIRO AREA	366	FAROUK (Airport) Cairo	290	14	18	02	2	4	cu	15.3	14	52	4
	372	ALMĀZA	270	13	30	01	2	4	cu	14.9	14	48	3
		EZBEKIYA	340	4?	18	01	1	4	cu	15.1	15	45	3
		GĪZA	340	4?	18	01	1	4	cu	15.0	14	48	3
	378	HELWÂN	320	10	35	02	2	8	sc	15.9	13	34	-3
UPPER EGYPT	381	FAIYŪM	20	4	35	02	1	3	st	16.0	16	36	1
	387	MINYA	340	10	12	01	1	2	cu	16.5	17	22	-5
	393	ASYŪT MANQABĀD	340	12	30	01	1	1	cu	16.5	15	30	-3
	399	NAGʻ HAMMADI	290	2	7	00	0	0	—	13.9	18	37	3
	402	QENA	270	1	50	00	0	0	—	12.8	19	46	7
	405	LUXOR	290	11	30	00	1	0	—	13.1	18	26	-2
	414	ASWÂN	360	11	1.5	09	3?	0	—	12.3	18	28	-1
OASES	417	SĪWA	330	6	14	03	0	3	cu	20.3	15	32	-2
	420	BAHARIYA	320	2	35	02	1	2	cu	19.0	14	55	5
	423	FARAFRA	330	15	35	00	1	0	—	19.8	15	30	-3
	432	DAKHLA	360	19	35	00	0	0	—	17.4	14	18	-10
	435	KHARGA	360	6	15	00	0	0	—	15.5	16	32	-1
RED SEA	450	SUEZ	310	8	50	03	0	4	cu	14.7	15	30	-3
	459	TŌR	310	19	35	03	0	0	—	13.8	16	42	3
	462	HURGHADA	320	27	30	02	0	0	—	12.8	15	55	6
	465	QUSEIR	360	19	15	02	1	2	ci	9.6	20	41	6
	641	PORT SŪDÂN											
NORTH SŪDÂN	600	WÂDI HALFA	30	22	7	07	0	0	—	12.0	17	22	-5?
	640	ABU HAMAD	300	25				0	—		29	18	2
	660	KAREIMA											
	680	ʻATBARA	360	8	30	02	0	0	—	2.0	38	10	1
	721	KHARTŪM	320	6	30	02	0	0	—	2.2	38	9	-1
	730	KASSALA	340	3	30	03	0	1	cu	0.0	40	19	12
CENTRAL SŪDÂN	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	2	cu	999.8	41	16	10
	771	EL OBEID											
	760	EL FĀSHER											
	770	GENEINA											
S. SŪDÂN	640	MALAKÂL											
	880	WÂU											
	941	JUBA	70	4	30	01	2	6	ci				14

At 1800 on Sunday 1st

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms.
SALŪM	270	5	15	00	8	0	—	20.0	10	62	3	dr.
SĪDI BARĀNI	330	9	14	01	2	3	cu, AC	19.3	12	51	2	dr.
MATRŪH	300	13	14	01	2	4	cu	18.5	12	77	8	0
EL DABʻA	320	13	7	01	1	3	cu	17.9	12	88	10	0
ALEXANDRIA	310	27	35	02	6	7	cb	18.3	10	88	8	2
FOUAD (Airport)	320	21	12	80	8	7	cu, sc	17.6	11	82	8	0.6
DAMIETTA	320	5?	1.5	02	5	4	cb	16.6	10	88	8	0.2
PORT SAʻĪD	290	16	15	01	0	1	cb	16.9	11	77	7	dr.
EL ʻARISH												
DAMANHUR	310	9	7	02	1	1	cu	17.9	10	94	9	1
MANṢURA	270	5		03	2	6	NS	17.6	11	63	4	dr.
TANTA	270	2	35	03	2	6	sc, cu	17.6	9	97	9	0
ZAGAZIG												
ISMAʻILIA	290	5	35	01	1	4	AC	17.5	11	63	4	0
FAROUK (Airport)	270	5	12	01	0	0	—	18.2	9	82	6	0
ALMĀZA	270	8	12	01	1	1	sc, cu	18.1	11	54	2	0
EZBEKIYA	280	4?	10	00	1	0	—	18.4	12	59	4	0
GĪZA	280	4?	10	00	1	0	—	18.7	10	62	3	0
HELWÂN	320	8	15	01	5	0	—	18.9	10	62	3	dr.
FAIYŪM	00	0	35	02	1	3	st	18.6	11	51	1	0
MINYA	340	5	8	02	1	0	—	19.0	10	54	1	0
ASYŪT MANQABĀD	240	3	12	02	0	0	—	18.5	10	44	-2	0
NAGʻ HAMMADI	250	1		00	0	0	—	17.6	11	51	1	0
QENA	270	1	7	00	0	0	—	16.2	15	30	-3	0
LUXOR	280	5	12	00	0?	0	—	16.3	12	41	-1	0
ASWÂN	360	10	7	09	3?	0	—	14.8	15	30	-3	0
SĪWA												
BAHARIYA	360	3	15	02	2	6	AC	19.4	11	77	7	0
FARAFRA	350	5	15	02	0	0	—	20.2	9	47	-2	0
DAKHLA	340	11	35	00	0	0	—	19.4	12	12	-17	0
KHARGA	360	2	15	00	0	0	—	17.1	11	30	-6	0
SUEZ												
TŌR	310	9	15	02	0	0	—	15.1	15	20	-8	0
HURGHADA	300	24	12	02	0	0	—	15.4	15	48	4	0
QUSEIR	360	9	15	01	1	0	—	15.9	18	46	6	0

At 0600 on Monday 2nd March, 1953

Wind 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
320	9	15	02	1	2	ci	22.4	+5.8	7	13	-7	5	-5	57	-1	dr.	2		SALŪM
360	6	18	02	1	4	cb, AC	22.1		12	14		9		63	5	dr.	90		SĪDI BARĀNI
260	5	18	01	2	6	cu, sc	21.1	+4.4	11	15		7		82	8	0	38		MATRŪH
270	6	15	02	1	4	cu	20.7		12	14		7		88	10	0	80		EL DABʻA
310	16	50	80	8	7	cb, AC	20.4	+3.8	11	14	-6	9	-3	77	7	2	100	171	ALEXANDRIA
340	4	10	62	8	7	NS	20.3	+3.3	10	15	-5	10	0	88	8	3	100	133	FOUAD (Airport)
200	5		03	6	7	cu, sc	19.8	+3.6	9	14	-5	6	-4	88	7	1	41	92	DAMIETTA
270	16	12	01	8	2	sc	19.4	+2.8	11	14	-5	8	-5	77	7	0.2	51		PORT SAʻĪD
260	5	30	01	1	2	sc	18.6	+1.8	10			7		71	5	dr.	29		EL ʻARISH
270	9	15	02	1	2	cu	19.5	+3.1	10	14	-8	7	-2	88	8	1	30	84	DAMANHŪR
320	5	15	03	2	7	NS	19.8	+3.4	9	14	-8	6	-2	88	7	dr.	32	41	MANṢŪRA
220	5	35	03	6	5	cu	19.8	+3.0	8	16	-6	6	-2	97	8	0.6	12	33	TANTA
00	0	35	02	0	0	—	19.9	+3.1	9			4	-3	88	7	0	19	22	ZAGAZIG
270	9	35	03	1	6	AC	20.4		10	15		6		62	3	0	27		ISMAʻILIA
220	8	12	01	1	1	sc	21.4		10	15		6		71	5	0	4		FAROUK (Airport)
180	9	12	01	2	2	AC	21.0	+3.5	9	15	-7	6	-4	76	5	0	7		ALMĀZA
230	3	8	01	1	3	sc, AC	21.2	+4.3	8	16	-7	6	-2?	71	3	0	[illegible]	19	EZBEKĪYA
230	3	8	01	1	3	sc, AC	21.0	+4.0	10	16	-6	5	-2	62	3	0	43	19	GĪZA
00	0	3	05	1	4	cu	22.3	+5.3	7	15	-7	5	-5	87	5	dr.	3	20	HELWÂN
00	0	35	02	0	0	—	22.2	+5.5	9	18	-6	3	-5	62	2	0	13	7	FAIYŪM
350	5	8	02	0	0	—	22.0	+3.6	8	17	-6	1	-5	62	1	0	1		MINYA
270	2	14	02	0	0	—	22.0	+4.6	8	16	-7	3	-5	40	-5	0	2		ASYŪT MANQABĀD
290	1		01	0	3	AS	20.0	+3.4	9	19	-6	3	-4	62	2	0	0.1		NAGʻ HAMMÂDI
220	1	35	00	0	0	—	20.0	+4.2	15	21	-7	3	-7	48	4	0	2		QENA
340	6	30	00	0	0	—	19.2	+2.9	12	19		7		44	0	0	1		LUXOR
340	11	7	09	3?	0	—	19.4	+3.0	11	20	-8	[illegible]	[illegible]	63	4	0	0.1		ASWÂN
00	0	14	03	0	1	AS	24.2	+5.7	6			2	-5	76	2	0	2	7	SĪWA
00	0	35	02	0	0	—	23.1	+5.7	8	15	-9	2	-6	66	2	0	dr.	7	BAHARĪYA
00	0	35	02	0	0	—	24.2		8	15		3		46	-3	0	0		FARAFRA
340	15	50	00	0	0	—	23.3	+5.9	8	15	-11	3	-5	46	-3	0	0		DAKHLA
360	4	15	00	0	0	—	21.8	+4.9	10	17	-10	6	-3	50	0	0	0		KHARGA
40	6	35	00	0	2	cu	20.6	+4.4	9			3	-8	71	4	0	42	12	SUEZ
310	5	35	02	0	0	—	19.4	+3.7	14	18	-5	12	+1	48	3?	0	Rain	12	TŌR
270	12	14	02	0	0	—	18.2	+2.0	13	16	-5	8	-3	24	-7?	0	7		HURGHADA
360	5	15	02	0	0	—	17.9	+2.9	14	20	-4	12	-4	48	3	0	8	4	QUSEIR
340	14	30	01	2	8	sc	13.5		23					78	19	0			PORT SŪDÂN
350	14	30	02	0	0	—	19.0		10	17		7		35	-5	0			WÂDI HALFA
360	5	30	01	1	0	—			15	30		14		68	9	0			ABU HAMAD
																			KAREIMA
																			ʻATBARA
340	15	10	05	0	0	—	11.4		21	39		20				0			KHARTŪM
290	3	30	02	0	1	AC	8.0		21	41		20		57	12	0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
350	13	4	05	0	0	—	12.0		19	40		17		37	4	0			EL OBEID
50	2	2	05	0	6	AcA			18	37		17		32	1	0			EL FĀSHER
																			GENEINA
80	8	0.5?	11?	4?	9		9.8		29	40		26		43	15	0			MALAKÂL
180	3	10	04	2	7	AcA	8.8		26	40		25		66	19	0			WÂU
40	4	18	05	1	8	sc, AC	11.5		24	39		23		84	21	2			JUBA

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	71	+6
Ezbekiya	67	+6
Giza	63	-2
Helwan	67	+8

GĪZA GRASS MINIMUM TEMP. on 2nd 1.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE

Cairo AIRPORT — On 1st At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	13		290	10
950					
900					
850	1487	2		290	20
800					
700	3031	-3		280	32
600					
500	5641	-17			
400	7281	-28			
300	9291	-42			

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

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

UPPER WIND OBSERVATIONS on 1st

Station	Matruh		Alex. A.P.		Port Said		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		Farafra		S. Barani				El Arish	
Time	14		14		14		15		14		14		14		14		14		14		14				20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	20	320	19	270	10	300	15	340	18	340	13	350	24	340	21	10	21	10	8	320	20			250	24
600	310	13	320	20	280	12	300	16	340	9	340	11	340	5	350	23	10	26	360	12	330	31			260	30
1000	310	14	320	18	270	12	300	13	340	18	340	14	340	18	330	32	10	26	350	9	320	37			270	30
1500					280	20	300	15	330	18	330	17					360	10	340	10	320	34			270	27
2000							320	22	320	16	290	17							310	6	320	19				
3000							290	36	270	29	280	26							340	14						
4000																										
5000																										
6000																										
7000																										
8000																										

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

Note: All times are G.M.T.

UPPER WIND OBSERVATIONS on 2nd

Station	SĪDI BARÂNI		MATRŪH		Alex. AIRPORT		PORT SAʻĪD		EL ʻARĪSH		HELWÂN		MINYA		ASYŪT MANQABĀD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		8		8		2		7		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	12	290	10	310	17	250	26	260	25	180	4	330	8	340	6	350	6					280	4
600	340	9	320	10	310	13	270	31	250	23	320	9	340	21	350	10	360	11					300	8
1000	330	14	330	13	310	16	270	29	280	23	330	12	340	11	350	18	350	15					310	11
1500	320	16	310	17	300	17	300	35					360	11	330	23	320	20						
2000							310	34							300	23	330	24						
3000															290	23								
4000																								
5000																								
6000																								
7000																								
8000																								

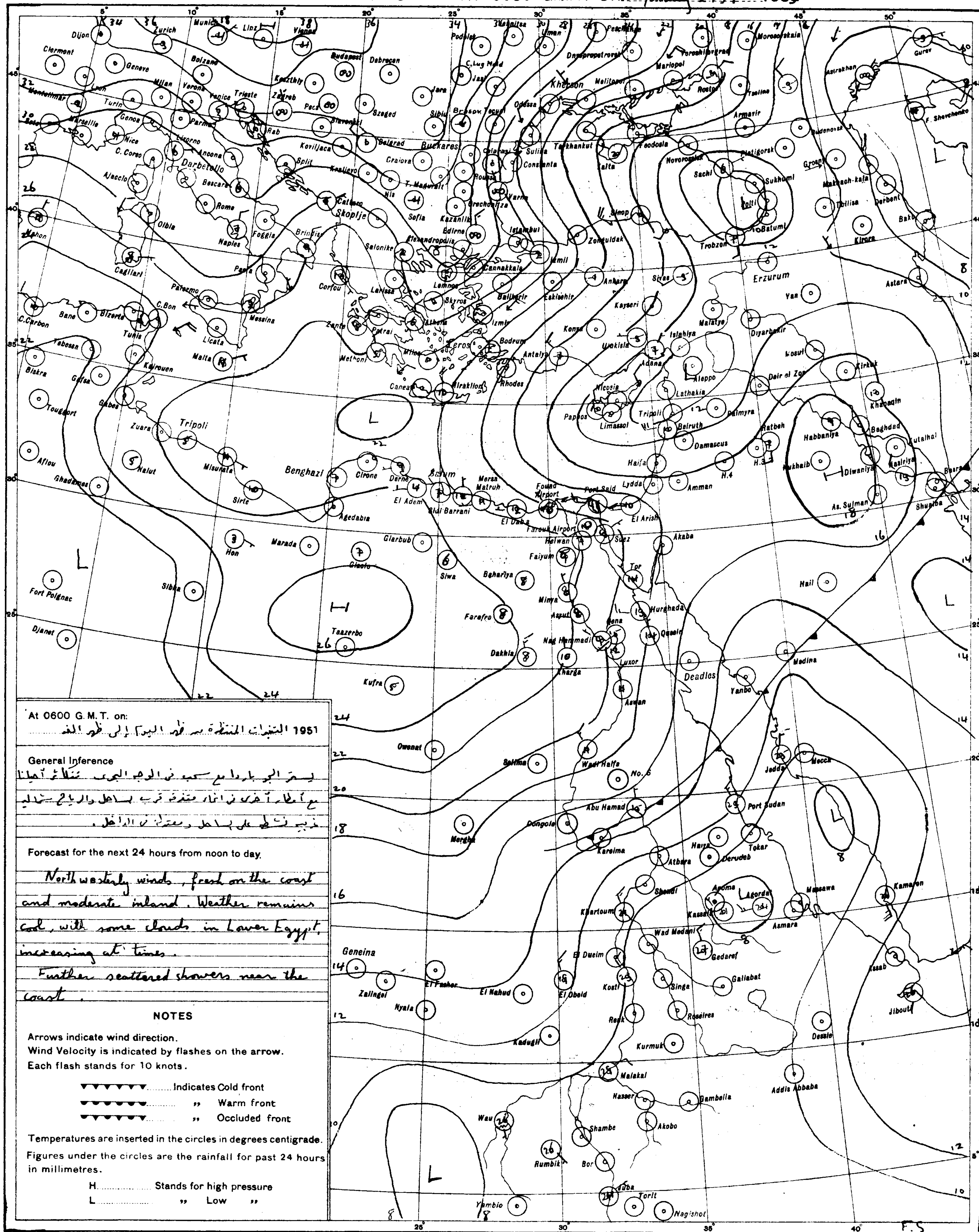
Station	SĪWA		BAHARĪYA		DAKHLA		KHARGA		WÂDI HALFA		ABŪ HAMAD		KAREIMA		KHARTŪM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
Time	8		8		8		8																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			340	11	10	17	10	21																
600	70	5	330	16	20	16	10	26																
1000	40	4	350	13	30	15	360	24																
1500	320	15	340	14	30	23																		
2000	320	16	350	18																				
3000	310	13																						
4000	300	21																						
5000	290	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.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 2/3/1 1952



At 0600 G. M. T. on:

1951 التنبؤات المنتظرة من ظهر اليوم إلى ظهر الغد

General Inference

يستمر الجو باردا مع سحب في الوجه البحري تتكاثر أحيانا
مع أمطار أخرى في أثناء متفرقة قرب السواحل والرياح شمالية
غربية نشطة على السواحل ومعتدلة في الداخل.

Forecast for the next 24 hours from noon to day.

North westerly winds, fresh on the coast and moderate inland. Weather remains cool, with some clouds in Lower Egypt, increasing at times.

Further scattered showers near the coast.

NOTES

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

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

Temperatures are inserted in the 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	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 20 G.M.T.

" " Sunset 15 55 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 3rd March, 1953

At 1200 on Monday 2nd / At 1800 on Monday 2nd

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	320	9	35	02	1	4	Ci	22.9	15	39	1	320	8	15	00	0	0	—	22.7	17	42	4	0
	303	SÎDI BARÂNI	300	10	18	02	8	3	Cu, AC	22.3	14	59	6	340	5	14	02	0	1	SC	22.7	12	59	4	dr.
	306	MATRÛH	310	14	18	02	1	3	Cu	21.4	15	42	2	320	11	12	01	2	2	Cu, SC	21.6	13	51	3	0
	309	EL DABʼA	340	21	35	03	2	6	SC,	20.9	14	77	10	340	15	7	03	2	6	St	21.0	13	55	4	0
		ALEXANDRIA	360	22	50	80	8	6	Cb	20.7	14	55	5	310	19	35	02	8	7	St	21.1	12	63	5	1
	318	Alex FOUAD (Airport)	340	10	18	25	8	7	Cu, SC	20.7	14	67	8	350	7	12	01	8	5	SC	20.7	12	77	8	1
	330	DAMIETTA												320	5	1.5	02	5	3	Cb	20.0	12	77	8	dr.
	333	PORT SAʼID	230	18	30	01	8	3	Cu, SC	19.1	16	56	7	300	13	14	03	8	5	Cb	20.0	12	72	7	dr.
	336	EL ʼARISH	290	16	18	03	1	4	Cu, SC	18.1	16	49	5	270	15	10	51	6	7	Cu, SC	19.4	13	72	8	0.2
Lower Egypt	339	DAMANHÛR	310	9	3?	52	6	8	St	20.8	13	77	9	300	5	3?	52	5	8	Cu	20.7	10	88	8	1
	342	MANSÛRA	320	13	35	03	2	6	Cu, SC	20.0?	14	55	5	340	5		03	2	8	Cu, SC	20.6	11	77	7	0
	348	TANTA	310	5	35	01	6	2	Cu	20.7	15	59	7	310	2	35	03	2	7	SC, Cu	20.3	11	88	9	1
	354	ZAGAZÎG	?20	1	50	03	1	6	Cu	20.7	15	68	7	00	0	35	02	1	0	—	20.7	11	88	9	0
	340	ISMAʼILIA	320	9	35	03	2	8	AS	20.2	15	48	4	320	5	35	03	2	8	AS	20.4	13	55	4	0
Cairo Area		Cairo FAROUK (Airport)	320	12	18	02	1	4	SC	19.9	16	52	6	00	0	12	01	2	4	AC	20.5	11	77	7	0
		ALMÂZA	300	11	30	01	2	5	Cu	19.8	17	42	4	320	6	12	01	2	2	SC	20.7	12	67	6	0
		EZBEKIYA	290	7	18	03	1	5	Cu, SC, AC	19.6	17	42	4	340	4	10	00	1	0	—	20.7	13	55	4	0
		GÎZA	290	7	18	03	1	5	Cu, SC, AC	19.9	17	42	4	340	4	10	00	1	0	—	20.4	11	67	5	0
		HELWÂN	290	13	35	03	1	5	Cu	20.0	15	48	4	340	8	35	01	1	2	Sc	20.4	12	55	3	0
Upper Egypt		FAYÛM	360	4	35	03	1	4	Cu, SC	20.2	17	42	4	00	0	35	03	2	6	Cu, SC	20.0	13	55	4	0
		MINYA	290	5	35	01	1	3	Cu	19.4	15	59	7	360	6	8	02	0	0	—	20.4	10	62	3	0
		ASYÛT MANQABÂD	320	10	30	00	1	0	—	18.8	17	28	-2	00	0	8	02	0	0	—	20.4	12	51	2	0
		NAGʼ HAMMADI	290	1	7	00	0	0	—	17.6	20	33	3	290	1		01	0	2	AS	19.4	13	55	4	0
		QENA	270	2	50	00	0	0	—	16.2	23	24	1	270	1	7	00	0	0	—	18.0	12	55	3	0
		LUXOR	310	8	30	00	0	0	—	16.6	20	21	-3	270	2	12	00	0	0	—	16.8	14	45	2	0
		ASWÂN	340	8	15	09	3	0	—	16.4	19	30	1	360	3	50	00	0	0	—	16.6	16	32	-1	0
Oases		SÎWA	00	0	14	02	0	2	Cu	23.4	18	34	2												
		BAHARÎYA	360	3	35	02	0	0	—	21.8	16	59	8	360	1	15	02	0	0	—	21.8	11	63	4	0
		FARAFRA	350	9	35	01	1	1		22.4	16	49	5	360	4	15	02	0	0	—	22.2	13	36	-2	0
		DAKHLA	340	19	35	00	0	0	—	21.0	16	32	-1	340	11	35	00	0	0	—	20.6	13	24	-7	0
		KHARGA	340	4	15	00	0	0	—	18.6	18	20	-5	00	0	15	00	0	0	—	19.1	14	36	-1	0
Red Sea		SUEZ	310	9	50	03	0	4	Cu	19.0	18	37	3	310	9	15	01	0	0	—	19.8	14	55	5	0
		TOR	310	19	35	02	0	0	—	17.5	18	52	8	310	9	15	02	0	0	—	17.8	18	37	3	0
		HURGHADA	320	22	18	02	0	0	—	16.8	17	97	17	280	16	12	02	0	0	—	17.4	16	94	15	●
		QUSEIR	360	9	15	02	0	0	—	16.3	20	41	6	360	18	15	02	0	0	—	16.2	19	46	7	0
		PORT SUDÂN																							
Northern Sudan		WÂDI HALFA																							
		ABU HAMAD																							
		KAREIMA	360	9	30	02	0	0	—	11.3	28	12	-4												
		ATBARA	10	15	10	07	0	0	—	7.3	32	13	0												
		KHARTUM	10	15	10	06	0	0	—	7.2	33	19	6												
		KASSALA	360	7	30	02	0	0	—	2.2	39	24	15												
Central Sudan		WAD MEDANI	360	13	15	02	0	0	—	4.1	39														
		RENK	310	23	15	01	2	3	AC	6.0	35	53	24												
		ROSEIRES	310	2	35	02	0	0	—	2.5?	40	14	8												
		EL OBEID	40	14	4	05	0	0	—	7.9	29	18	2												
		EL FASHER	40	4	10	05	0	0	—		30	18	3												
		GENEINA																							
Southern Sudan	640	MALAKÂL							Ac	4.7	37	20	11												
		WAU	340	17	7	95	9	8	Cb	4.2	23	89	21												
		JUBA	180	4	50	21	6	8	Cb, AC	5.4	29	59	20												

At 0600 on Tuesday 3rd March, 1953

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
320	9	15	00	0	0	—	23.4	+6.8	9	15	-5	7	-3	62	2	0	21		SALUM
320	11	15	03	2	5	Cu, SC	22.5		12	15		9		55	3	1	91		SÎDI BARÂNI
310	15	18	01	2	3	Cu, SC	21.8	+5.1	13	17		10		55	4	dr	38		MATRÛH
340	9	15	03	2	6	SC	20.9		12	15		8		55	3	0	80		EL DABʼA
310	17	50	62	5	7	SC, AS	19.9	+3.4	13	15	-5	10	-2			2	102	171	ALEXANDRIA
350	19	18?	02	2	7	SC	19.5	+2.6	14	16	-4	10	0	45	2	1	101	133	Alex FOUAD (Airport)
220	2	3?	03	6	6	Cu, SC	19.1	+2.9	10	15	-4	7	-3	88	8	2	43	92	DAMIETTA
280	15	12	15	1	4	Cu, SC	18.4	+1.8	11	16	-3	10	-3	77	7	1	52		PORT SAʼID
										16									EL ʼARISH
310	5	15	02	6	3	Cu	19.8	+3.4	12	14	-8	7	-2	63	5	2	32	84	DAMANHÛR
270	5	35	03	2	4	NS	19.4	+3.1	9	16	-6	6	-3	88	7	0	32	41	MANSÛRA
220	2	35	02	1	0	—	19.2	+2.4	10	17	-5	6	-2	88	8	1	13	33	TANTA
00	0	35	02	0	0	—	19.4	+2.7	9	18	-4	6	-2	88	7	0	19	22	ZAGAZÎG
270	5	35	01	1	4	AC	19.9		10	17		6		76	6	0	27		ISMAʼILIA
250	4	11	01	2	3	SC	20.4		10	17		8		82	7	0	4		Cairo FAROUK (Airport)
270	8	6	05	2	7	Cu, AC	20.6	+3.2	11	17	-5	8	-2	77	7	dr.	7		ALMÂZA
00	0	8	01	2	6	SC, AC	20.5	+3.6	10	18	-5	9	0	76	6	0	15	19	EZBEKIYA
00	0	8	01	2	6	SC, AC	20.6	+3.6	12	18	-5	6	-1	67	6	0	43	19	GÎZA
00	0	7	01	1	2	SC	20.8	+3.8	8	17	-5	7	-3	88	6	0	3	20	HELWÂN
00	0	35	02	1	4	St	21.6	+5.0	9	19	-5	5	-4	71	4	0	13	7	FAIYÛM
340	4	8	02	0	0	—	21.6	+3.2	8	19	-4	3	-3	71	3	0	1		MINYA
270	4	12	02	0	0	—	20.7	+3.4	8	17	-6	5	-3	62	1	0	2		ASYÛT MANQABÂD
70	1		01	0	2	AC	20.0	+3.4	11	22	-3	5	-2	63	4	0	0.1		NAGʼ HAMMADI
270	2	35	00	0	0	—	19.2	+3.5	15	24	-4	5	-5	59	7	0	2		QENA
00	0	30	00	0	0	—	19.2	+2.9	14	22		7		55	5	0	1		LUXOR
340	11	7	32	3	0	—	18.7	+2.4	12	20	-8	10	-3	55	3	0	0.1		ASWÂN
00	0	14	03	1	6	SC, AC	24.3	+5.9	7			4	-3	76	3	0	2	7	SÎWA
00	0	35	02	0	0	—	22.8	+5.4	8	17	-7	3	-5	71	3	0	dr.	7	BAHARÎYA
20	2	35	02	0	0	—	24.2		9	18		4		47	2	0	0		FARAFRA
200	11	50	00	0	0	—	22.0	+4.7	11	18	-8	7	-1	41	-2	0	0		DAKHLA
360	2	15	00	0	0	—	21.2	+4.4	11	18	-9	8	-1	51	1	0	0		KHARGA
40	3	35	00	0	2	Cu	19.8	+3.6	11	19	-4	6	-5	77	7	0	42	12	SUEZ
310	13	35	02	0	0	—	18.3	+2.7	15	19	-4	12	+1	48	4?	0	Rain	12	TOR
280	15	18	02	0	1	Cu	17.6	+1.5	14	18	-3	9	-2	88	12?	0	7		HURGHADA
360	9	15	02	0	0	—	17.2	+2.3	15	24	0	7	-9	48	4	0	8	4	QUSEIR
350	14	30	03	2	7	SC	14.0			27		19			15	0			PORT SUDÂN
350	10	30	02	0	0	—	18.5		11	23		8		44	-1	0			WÂDI HALFA
360	4	30	02	0	0	—			16	29		12		24	-5	0			ABU HAMAD
340	12	30	02	0	0	—	15.5		14	29		11		25	-6	0			KAREIMA
350	15	10	07	0	0	—	11.8		19	33		16		16	-8	0			ATBARA
340	16	30	02	0	0	—	12.2		19	34		17		12	-11	0			KHARTUM
30	6	30	02	0	0	—	7.4		27	39		19		58	18	0			KASSALA
360	19	35	02	0	0	—			21	40		11		20	-3	0			WAD MEDANI
																			RENK
																			ROSEIRES
350	13	10	05	0	2	Ci	12.8		18	31		15		32	1	0			EL OBEID
20	5	15	05	0	0	—			17	33		14		28	-2	0			EL FÂSHER
50	13	30	03	0	2	Ci			17	35		16		9	-17	0			GENEINA
40	8	7	06	1	3	AC	10.5		26	38		21		21	2	0			MALAKÂL
																			WAU
50	6	18	60	6	6	Cb, AC	12.7		21	30		21		97	21	3			JUBA

HUMIDITY

Mean of day

Station	2nd	Diff. from normal
[illegible]	65	0
Ezbekiya	57	-4
Giza	60	-5
Helwan	62	+14

GIZA

Grass minimum temp. 3rd 1.8 °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

Cairo Farouk Airport — On 2nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	172	15		300	9
950					
900					
850	1519	3		300	8
800					
700	3064	-2			
600					
500	5665	-14			
400	7295	-32			
300	9313				

Airport — On — At — (blank, pressure levels 1000–300)

Airport — On — At — (blank, pressure levels 1000–300)

UPPER WIND OBSERVATIONS on 2nd

Station	Matruh		Portsaid		Minya		Asyut		Aswan		Dakhla		Almaza		Farafra		S. Barani		Kharga	
Time	14		14		14		14		14		14		15		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	300	25	290	18	350	16	330	18	350	19	350	12	300	13	340	16	320	14	360	22
600	300	19	310	21	340	16	340	25	360	10	360	10	300	18	330	20	310	20	360	26
1000	50	2	300	29	340	7	340	19	360	16	350	11	300	33	340	13	310	19	350	27
1500			290	29	360	15	360	21	360	15	20	11			340	7			360	22
2000			280	29	340	18	10	23							340	13				
3000					300	22									340	13				
4000															340	15				
5000															310	16				
6000															290	16				
7000															290	16				
8000																				

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saʼîd		El ʼArîsh		Helwan		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra	
Time	8		8		8		8				6 45		8		8		5						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	23	320	30	310	12	280	29			170	4	330	15	340	10	300	9					30	6
600	310	27	310	28	280	19	280	35			290	4	350	6	340	11	360	16					10	8
1000	310	24	300	26	290	16	290	28			330	18	350	10	360	11	350	24					30	9
1500	320	17	320	21	300	18	300	23			330	22	340	17	360	16	340	17					20	12
2000			320	12							310	18					280	20					10	14
3000																	320	30					10	24
4000																								
5000																								
6000																								
7000																								
8000																								

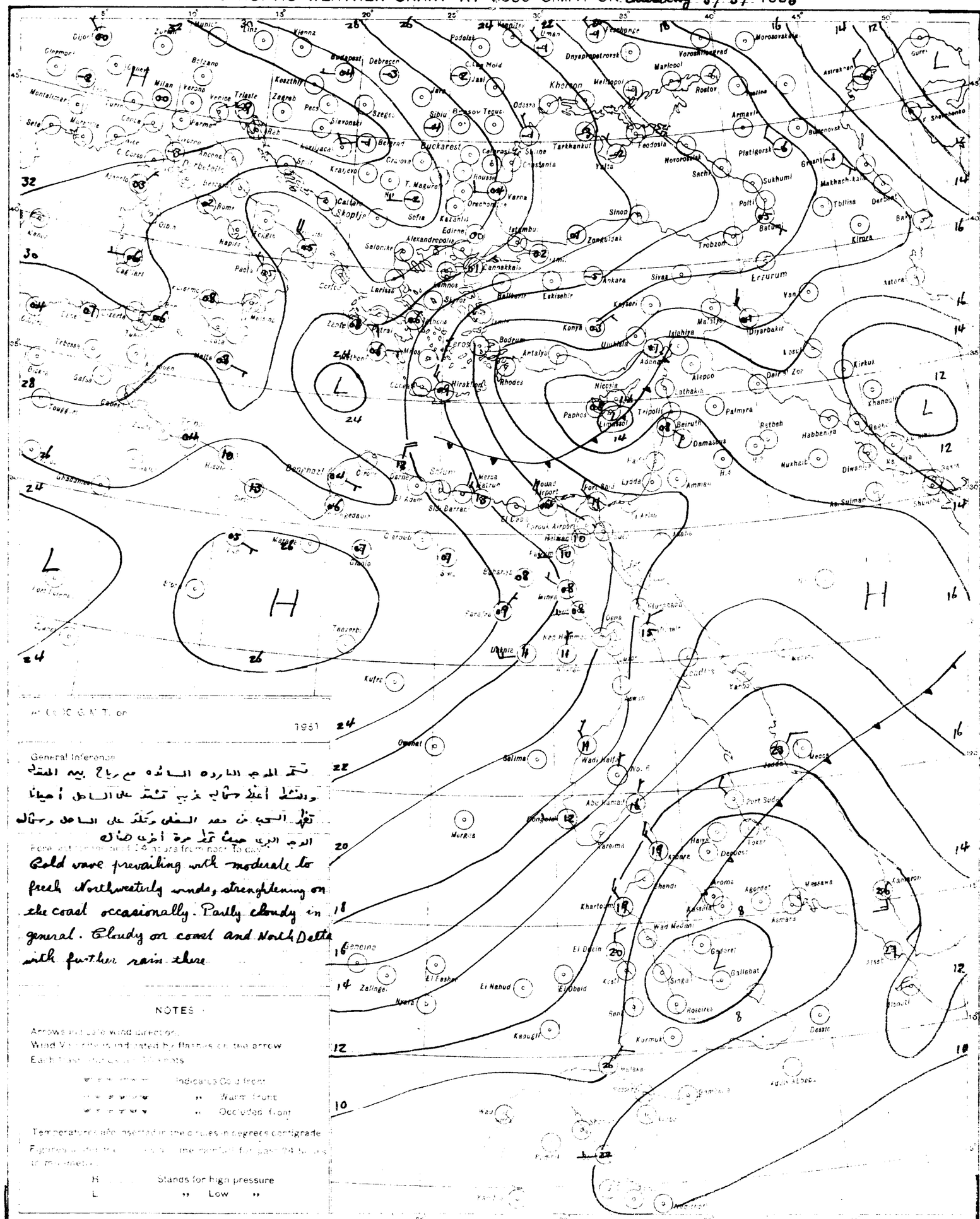
Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time			8		8		8				4		4		4								4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			340	4	330	11	10	24																
600			360	8	10	14	10	24			20	24	30	23	330	25							50	9
1000			330	12	40	10	10	31					30	22	340	31							30	15
1500			320	10			350	31			320	7	350	14	340	17							30	17
2000			330	16																			60	9
3000											290	25	330	17									70	11
4000																								
5000											310	25			280	7								
6000											290	30			350	7								
7000																								
8000															330	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 Egypt standard time.

Note: All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 3/3/1958



General Inference

تشتد الموجة الباردة السائدة مع رياح بين المعتدلة والنشطة أغلب سماء غربي تشتد على الساحل أحيانا تغطى السحب في جهة الشمال وتكثر على الساحل وسماء الوجه البري حيث تمطر مرة أخرى هناك

Cold wave prevailing with moderate to fresh Northwesterly winds, strengthening on the coast occasionally. Partly cloudy in general. Cloudy on coast and North Delta with further rain there

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow
Each flash represents 5 knots

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the circles in degrees centigrade
Figures [illegible] 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
" or sand raised by wind		07
Dust devil		08
Duststorm or sandstorm within sight or at station during last hour		09
Mist		10
Shallow fog		12
Lightning, no thunder heard		13
Precipitation within 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
	Fog	25
	Thunderstorm	29
Duststorm or Sandstorm		
Fog		
Drizzle		5
Rain		
Showers of rain		
" " hail		
Fog with Thunderstorm during the past hour		
Hail " " " "		
Thunderstorm with rain		
" " hail		
" " Sandstorm		

PAST WEATHER

Eighths
OLD NO. FACILITY CODE

Clear or few clouds	0
Some clouds	1
Mostly overcast	2
Duststorm or Dustsstorm	3
Fog or thick dusthaze (vis less than 1 km)	4
Drizzle	5
Rain	6
Snow or sleet or showers	
Shower of rain	
Thunderstorm with or without rain	

WEATHER OF OCEANS

[illegible]	
[illegible]	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
[illegible]	6
[illegible]	7
[illegible]	8
[illegible]	9

S of E (549.45/157) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 18 G. M. T.
" " Sunset 15 56 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 4th March, 1952 3

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	02	1	4	Cu, Ci	21.4	16	32	1
	303	SÎDI BARÂNI	330	8	14	02	2	4	Cu	21.8	15	48	4
	306	MATRÛH	310	20	18	02	2	7	Cu, Sc	20.0	15	55	6
	309	EL DAB'A	320	15	35	02	1	4	Cb	19.4	15	48	4
		ALEXANDRIA	310	22	50	80	8	7	Cb, Ac	19.2	11	88	9
	318	FOUAD (Airport)	340	16	18	01	2	5	Cu, Sc	18.9	15	59	7
	330	DAMIETTA	320	9	7	02	5	6	Cu	18.0	14	67	8
	333	PORT SA'ÎD	320	19	30	01	8	4	Cu, Sc	17.6	16	56	7
	336	EL 'ARISH	270	8	30	20	5	5	Cu, Sc	17.2	15	59	7
Lower Egypt	339	DAMANHUR	310	5	3?	62	6	8	St	19.0	14	67	8
	342	MANSURA	270	9	15	50	3	7	Cu, Sc	18.4	11	88	9
	348	TANTA	180	5	7	03	6	8	St	18.4	12	77	8
	354	ZAGAZIG	320	2	50	02	1	6	Cu	18.6	14	77	10
	440	ISMA'ILIA	320	13	35	03	1	6	Ac, Ci	18.0	16	49	5
Cairo Area	366	FAROUK (Airport)	290	14	18	01	2	6	Cu	17.7	15	68	9
	372	ALMÀZA	270	16	30	03	2	7	Cu, Ac	17.2	16	39	2
		EZBEKIYA	300	7?	18	02	2	6	Cu, Sc	18.8	17	39	3
		GÎZA	300	7?	18	02	2	6	Cu, Sc	18.6	16	37	2
	378	HELWÂN	290	16	35	02	2	7	Cu	19.2	15	39	1
Upper Egypt	381	FAIYÛM	360	6	35	03	2	7	St	19.4	17	34	1
	387	MINYA	360	11	8	02	0	3	Cu	11.5	19	32	2
	393	ASYÛT MANQABAD	350	12	30	01	1	1	Cu	19.1	17	32	0
	399	NAG' HAMMADI	340	1	7	01	0	0	—	17.2	20	33	3
	402	QENA	290	2	50	00	0	0	—	15.8	22	29	3
	405	LUXOR	290	7	30	00	0	0	—	16.2	21	31	3
	414	ASWÂN	340	5	15	09	4	0	—	15.6	20	41	6
Oases	417	SÎWA											
	420	BAHARIYA	320	3	35	02	1	2	Cu	19.9	17	60	9
	423	FARAFRA	320	8	35	01	1	1	Ci	22.3	18	25	-1
	432	DAKHLA	360	26	15	00	0	0	—	20.6	17	18	-8
	435	KHARGA	340	4	15	00	0	0	—	18.7	18	28	-1
Red Sea	450	SUEZ	220	9	50	03	0	4	Cu	17.2	19	30	1
	459	TÔR	310	19	35	02	0	0	—	16.7	17	52	7
	462	HURGHADA	320	24	30	02	0	0	—	15.7	17	77	13
	465	QUSEIR	360	13	15	02	0	0	—	15.6	19	52	9
	641	PORT SÛDÂN	20	18	30	02	2	4	Cu	11.4	25	65	18
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD	360	4	30	02	0	0	—		28	6	-12
	660	KAREIMA	350	12	30	02	0	0	—	11.2	27	8	-11
	680	ATBARA	360	13	10	07	0	0	—	8.0	31	17	3
	721	KHARTÛM	330	15	30	02	0	0	—	8.1	31	5	-12
	750	KASSALA	360	6	30	02	0	0	—	3.1	36	31	16
Central Sûdân	751	WAD MEDANI											
	801	RENK	310	25	35	02	0	2	Ac		35	50	23?
	802	ROSEIRES	310	2	35	02	0	0	—	3.6	37	17	8
	771	EL OBEID	20	8	4	00	0	0	—	8.6	29	22	5
	760	EL FASHER	70	3	30	02	2	8	Cs		33	14	2
	770	GENEINA	40	6	30	02	0	2	Ci		33	22	-1
South Sûdân	840	MALAKÂL											
	880	WAU											
	941	JUBA	40	3	50	01	6	7	Cb, Ac	6.4	30	46	17

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	270	9	15	00	0	0	—	22.3	12	44	0	0
SÎDI BARÂNI												
MATRÛH	310	15	14	01	1	3	Cu	20.4	12	44	15	0
EL DAB'A	320	9	7	02	1	4	Cu	20.0	12	44	0	0
ALEXANDRIA	310	14	35	02	8	5	Cb	19.9	12	63	5	1
FOUAD (Airport)	340	14	12	02	8	6	Cb	19.1	12	59	4	2
DAMIETTA	220	13		03	5	8	Cu, Sc	18.4	11	77	7	Rain
PORT SA'ÎD	290	15	14	03	1	6	Cu, Sc	18.3	12	67	6	0.3
EL 'ARISH	280	20	12	20	5	2	Cb	17.0	13	63	6	dr.
DAMANHUR	300	19	3?	02	6	8	Sc	18.8	11	71	6	Rain
MANSURA	360	5		00	8	8	Sc	19.0	10	76	6	dr.
TANTA	220	2	7	03	6	8	St	19.0	10	97	10	1
ZAGAZIG	00	0	35	02	1	6	Cu	18.8	11	77	7	0
ISMA'ILIA	290	5	35	01	1	4	Ac	19.0	12	63	5	0
FAROUK (Airport)	310	6	12	01	2	1	Sc	19.5	11	71	6	0
ALMÀZA	290	3	10	01	8	3	Cu	19.8	11	71	6	dr.
EZBEKIYA	330	3	10	01	8	4	Cu, Sc	19.6	14	48	3	dr.
GÎZA	330	3	10	01	8	4	Cu, Sc	19.6	11	71	6	dr.
HELWÂN	320	8	15	01	1	2	Sc, Cu	19.6	11	77	7	0
FAIYÛM	360	6	35	02	1	0	—	20.2	13	55	4	0
MINYA	340	2	8	02	0	0	—	19.9	10	71	5	0
ASYÛT MANQABAD	250	3	12	00	0	0	—	19.9	12	44	0	0
NAG' HAMMADI	00	0		01	0	3	As	18.7	13	67	7	0
QENA	270	2	7	00	0	0	—	17.6	16	42	3	0
LUXOR	300	4	12	00	0	0	—	17.8	15	42	2	0
ASWÂN	360	6	50	00	0	0	—	16.6	17	24	-4?	0
SÎWA												
BAHARIYA	320	1	15	02	0	0	—	21.0	12	63	5	0
FARAFRA	320	4	15	60	1	0	—	22.0	12	44	0	0
DAKHLA	340	11	15	00	0	0	—	21.4	14	36	-1	0
KHARGA	00	0	15	00	0	0	—	19.0	15	30	-3	0
SUEZ	310	9	15	01	0	0	—	18.8	13	55	4	0
TÔR	310	9	15	02	0	0	—	17.8	16	42	3	0
HURGHADA	300	19	12	02	0	0	—	16.9	16	88	14	0
QUSEIR	360	13	15	02	0	0	—	17.1	18	52	8	0

At 0600 on Wednesday 4th March, 1953

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rain Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
SALUM	290	13	15	61	2	8	As	21.9	+5.4	9	16	-4	6	-4	62	2	dr.	?	
SÎDI BARÂNI	330	17	18	02	2	4	Cu, Ac	21.1		13			12		63	6	dr.	41	
MATRÛH	300	16	18	01	2	5	Cu, Sc	19.4	+2.7	13	16		11		63	6	0	38	
EL DAB'A	320	21	15	01	1	3	Cu	19.4		13	16		9		55	4	0	80	
ALEXANDRIA	310	23	50	22	2	6	Ci	17.8	+1.3	13	15	-5	10	+2	55	4	1	103	172
Alex. (Airport)	340	18	18	03	1	5	Cb	18.0	+1.1	13	16	-4	9	-1	59	5	2	103	133
DAMIETTA	300	5		01	6	6	Cu, Sc	17.1	+0.9	9	15	-4	6	-4	88	7	4	47	92
PORT SA'ÎD	260	19	12	25	8	4	Cu, Sc	16.7	+0.1	10	16	-3	9	-4	82	7	1	53	
EL 'ARISH	260	14	18	01	5	4	Sc	15.7	-1.0	11	16		8		67	5	dr.	35	
DAMANHÛR	270	9		02	6	2	Cu	18.2	+1.9	12	15	-7	8	-1	77	8	2	34	84
MANSÛRA	320	5	35	03	2	6	Sc, Cu	17.6	+1.3	9	14	-8	6	-3	88	7	dr.	32	41
TANTA	220	2	35	03	6	6	St	17.9	+1.1	9	16	-7	6	-2	88	7	1	14	33
ZAGAZIG	00	0	35	21	6	4	Cu	18.2	+1.5	9	19	-3	5	-3	88	7	1	20	22
ISMAILIA	270	13	35	03	2	7	Ac, Ci	18.6		10	17		6		62	3	0	27	
Cairo (Airport)	250	12	11	03	2	6	Ac	19.5		10	17		7		76	6	0	?	
ALMÀZA	230	11	12	02	2	6	Sc, Cu	20.0	+2.6	8	17	-5	6	-4	94	7	dr	7	
EZBEKIYA	00	2	6	02	5	7	Cu, Sc	20.2	+3.4	10	18	-5	7	-2	67	4	dr.	15	19
GÎZA	00	0	6	02	5	7	Cu, Sc	20.6	+3.6	10	18	-5	5	-2	76	6	dr.	43	19
HELWÀN	320	4	7	20	5	4	Ns	21.0	+4.0	7	16	-6	5	-5	87	5	dr.	3	20
FAIYÛM	360	4	35	02	0	1	St	21.2	+4.6	9	19	-5	5	-4	62	2	0	13	7
MINYA	300	3	13	02	0	0	—	21.9	+3.6	8	19	-4	7	-5	71	3	0	1	
ASYÛT MANQABAD	280	4	14	02	0	0	—	22.0	+4.7	8	18	-6	6	-2	62	1	0	2	
NAG' HAMMÂDI	340	1		00	0	0	—	20.7	+4.2	11	21	-4	5	-2	63	4	0	0.1	
QENA	270	1	35	00	0	0	—	20.6	+5.0	15	24	-4	5	-5	59	7	0	2	
LUXOR	320	6	30	00	0	0	—	20.0	+3.8	14	22		8		52	4	0	1	
ASWÀN	360	7	15	09	4	0	—	19.5	+3.3	13	21	-7	10	-3	44	1	0	0.1	
SÎWA	00	0	14	03	1	6	Sc, Ac	24.3	+5.9	7			4	-3	76	3	0	2	7
BAHARÎYA	320	1	35	02	0	0	—	23.3	+6.0	10	18	-6	3	-5	76	6	0	dr.	7
FARAFRA	00	0	35	02	0	0	—	23.9		10	18		4		50	0	0	0	
DAKHLA	340	15	35	00	0	0	—	22.3	+5.1	8	19	-8	6	-2	58	0	0	0	
KHARGA	360	2	15	00	0	0	—	21.5	+4.?	11	19	-8	9	-1	51	1	0	0	
SUEZ	00	0	35	00	0	2	Cu	19.2	+3.1	9	19	-4	4	-7	71	4	0	42	12
TÔR	310	9	35	02	0	1	Cu	20.2	+4.7	14	19	-4	12	+1	48	3	0	Rain	12
HURGHADA	270	5	14	02	0	1	Cu	18.5	+2.5	13	17	-5	8	-3	63	6	0	7	
QUSEIR	330	2	15	02	0	0	—	18.0	+3.1	15	20	-4	12	-4	59	7	0	8	4
PORT SÛDÀN	340	13	30	02	1	6	Sc	14.3		22	26		19		65	15	0		
WÀDI HALFA	360	6	30	02	0	0	—	19.8		11	25		8		51	1	0		
ABU HAMAD	360	8	30	02	0	0	—			15	27		12		30	-3	0		
KAREIMA	360	13	30	02	0	0	—	15.9		15	29		11		30	-3	0		
'ATBARA	350	17	7	07	0	0	—	11.9		18	32		15		22	-4	0		
KHARTÛM	340	14	30	02	0	0	—	13.0		18			15		17	-8	0		
KASSALA	20	1	30	02	0	0	—	10.1		23	36		16		61	15	0		
WÀD MEDANI	360	9	50	02	0	0	—	12.1		21	35		13		11	-11	0		
RENK																			
ROSEIRES																			
EL OBEID	20	18	30	02	0	0	—	13.5		17	30		15		46	5	0		
EL FÂSHER	40	2	30	02	0	2	Ci			16	34		12		28	-3	0		
GENEINA																			
MALAKÂL	40	17	10	05	0	0	—	9.4		25	37		21		15	-4	0		
WÀU	20	3	10	04	0	0	—	8.8		23	35		22		53	13	0		
JUBA	90	3	30	03	0	7	Ac, Ci	7.2		25	33		20		79	21	dr.		

HUMIDITY % Mean of day

Station	On 3rd.	Diff. from normal
Alexandria	48	-17
Ezbekiya	57	-4
Giza	66	+1
Helwan	68	+20

GIZA
Grass minimum temp.
On 4th 2.5 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Cairo Airport — On 3rd At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	171	13		320	9
950					
900					
850	1510	2		290	55
800					
700	3055	-4		290	31
600					
500	5641	-17		290	64
400	7291	-26		290	78
300	9340	-34			

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

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

UPPER WIND OBSERVATIONS on 3rd

Station	Matruh		Port Said		El Arish		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		S. Barani		Farafra				Almaza	
Time	14		14		13		14		14		14	30	14		14		14		14		14				14	15
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	22	280	23	260	22	360	12	340	10	320	27	340	9	360	15	360	20	330	23	340	17			320	8
600	320	30	290	23	280	30	350	13	340	8	320	17	340	8	360	16	360	27	330	25	350	17			320	9
1000	320	27	300	21	280	25	340	6	330	12	340	24	320	13	10	19	360	27	330	17	340	15				
1500	310	30	300	23	270	20	360	3	340	19	340	18	300	19							360	12				
2000	310	38					340	6	320	20	220	9									340	15				
3000							340	3																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	Sîdi Barâni		Matrûh		Alex. Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswan		Hurghada		Farafra	
Time	8		5				8				6	30	8		8		5				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	31	320	12			280	41			170	7	320	13	320	9	350	11			340	31	340	10
600	310	24	320	20			280	38			260	5	310	10	330	16	340	10			340	16	330	24
1000	320	30					280	29					320	8	330	19	340	33			340	16	320	13
1500	320	31													330	27	350	30					330	16
2000																	330	33					310	13
3000																							300	13
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time			8		8		8		5		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			320	16	340	17	10	23	20	14														
600			320	28	350	19	10	23	30	25	20	26	20	25	10	28							30	26
1000					350	26	360	27	30	30	20	18	30	28	10	23			360	22	30	13		
1500					360	36	350	54	350	17	350	9	40	19	10	17			30	33	340	9	40	24
2000															350	13								
3000									200	21	230	18	300	10	350	9			210	6	360	14	90	15
4000																								
5000									280	46	290	31												
6000									290	54	290	42												
7000																								
8000																								

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

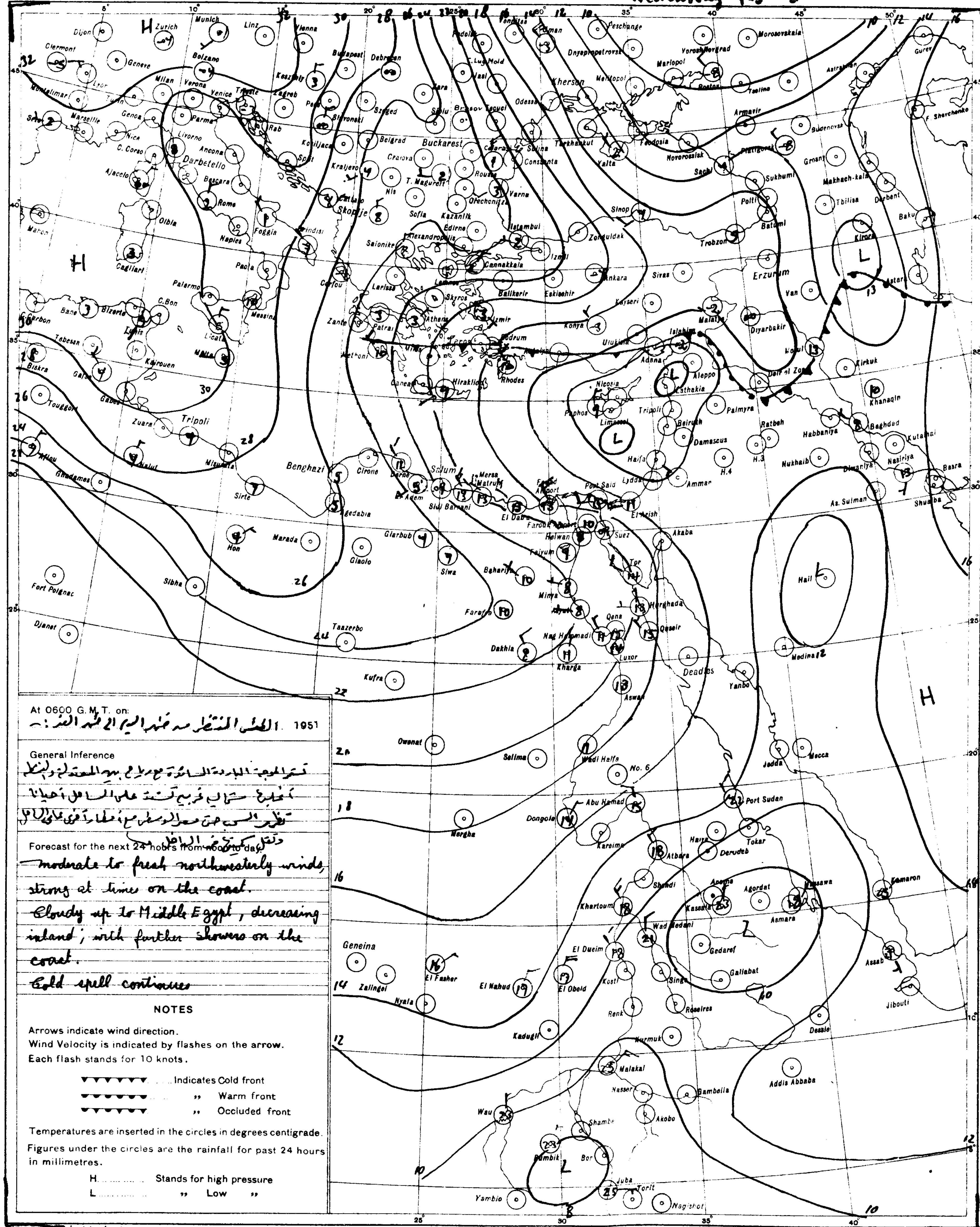
Note. All times are G.M.T.

Printed by the ... 1949 ...

Annual Subscription ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 4-3 1953



At 0600 G.M.T. on: الطقس المنتظر من ظهر اليوم الى ظهر الغد :- 1951

General Inference

تستمر الموجة الباردة السائدة مع رياح بين المعتدلة والشديدة
شمالية غربية تشتد على السواحل أحيانا
تظهر السحب حتى مصر الوسطى مع أمطار أخرى على الساحل
وتقل كثيرا في الداخل

Forecast for the next 24 hours from noon to day

moderate to fresh northwesterly winds, strong at times on the coast.
Cloudy up to Middle Egypt, decreasing inland; with farther showers on the coast.
Cold spell continues

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

CAIRO

Time of Sunrise 04 17 G.M.T.

" " Sunset 15 57 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 5th March, 1953

At 1200 on Wednesday 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
Mediterranean	62300	SALÛM	270	13	35	03	2	7	Cu, Ac, Ci	21.0	14		
	303	SÎDI BARÂNI	320	16	18	02	8	6	Cu	20.3	15	55	6
	306	MATRÛH	290	19	18	03	2	7	Cu, Sc	18.8	16	59	8
	309	EL DABʿA	320	17	35	02	1	5	Cb	18.2	16	45	4
		ALEXANDRIA	310	23	50	80	8	8	Cb	17.8	14	55	5
	318	Alex (Airport)	340	22	18	25	8	6	Cb	17.2	14	55	5
	330	DAMIETTA	290	5	15	01	5	3	Cu	15.8	14	67	8
	333	PORT SAʿÎD	330	25	30	03	8	5	Cu, Sc	15.5	15	63	8
	336	EL ʿARISH	270	22	1.3	07	1	4	Cu, Sc	14.6	15	52	5
Lower Egypt	339	DAMANHUR	310	13	15	03	6	5	Cb	17.4	16	49	5
	342	MANSURA	320	13	15	03	6	7	Cu, Sc	16.6	13	67	7
	348	TANTA	310	13	35	01	2	4	Cu	16.8	15	59	7
	354	ZAGAZIG	00	0	50	02	6	4	Cu	17.2	15	68	9
	440	ISMAʿILIA	270	9	35	51	6	6	Cu	17.2	14	55	5
Cairo Area	366	Cairo (Airport)	290	9	18	81	6	6	Sc	17.3	13	59	5
	372	ALMÂZA	270	8	18	25	8	6	Ns	17.5	13	72	8
		EZBEKÎYA	330	6	14	01	5	6	Cu, Sc	17.9	15	59	7
		GIZA	330	6	14	01	5	6	Cu, Sc	17.2	15	52	5
	378	HELWÂN	290	18	35	02	2	7	Cu, Sc	18.0	14	48	3
Upper Egypt	381	FAIYÛM	360	6	35	02	1	5	St	18.0	18	37	3
	387	MINYA	340	11	12	02	1	1	Cu	19.0	20	28	1
	393	ASYÛT MANQABÂD	320	13	30	01	1	1	Cu	19.1	18	24	-3
	399	NAGʿ HAMMADI	290	1	7	01	0	1	Ci	17.9	19	37	4
	402	QENA	270	2		00	0	0	—	16.6	21	33	4
	405	LUXOR	310	10	30	03	0	1	Ci	17.0	20	21	-3
	414	ASWÂN	340	9	7	05		0	—	17.1	20	33	3
Oases	417	SÎWA											
	420	BAHARÎYA	320	5	35	02	1	2	Cu	20.6	17	60	9
	423	FARAFRA	320	15	15	09	3	1	Ci	22.3	18	28	-1
	432	DAKHLA	340	25	15	00	0	0	—	20.8	17	34	1
	435	KHARGA	360	6	15	00	0	0	—	18.3	18	20	-5
Red Sea	450	SUEZ	310	9	50	03	0	7	St	16.4	13	55	4
	459	TÔR	310	5	35	03	1	2	Cu	16.4	18	37	3
	462	HURGHADA	330	22	30	02	0	1	Cu	15.7	16	77	12
	465	QUSEIR	260	19	15	02	0	0	—	15.8	19	52	9
	641	PORT SUDÂN	30	19	30	02	0	2	Cu	11.7	26	58	17
North Sudan	600	WÂDI HALFA	20	18	30	02	0	0	—	16.2	22	14	-7
	640	ABU HAMAD	360	3	30	02	0	0	—		26	11	-7
	660	KAREIMA			30	02	0	0	—	12.0	26	10	-8
	680	ʿATBARA	360	16	7	07	0	0	—	8.3	30	18	3
	721	KHARTÛM	340	14	30	02	0	0	—	8.2	29	11	-5
	730	KASSALA	340	7	30	02	0	0	—	3.6	35	25	12
Central Sudan	751	WAD MEDANI	360	5	35	02	0	0	—	6.0	33	10	-2
	801	RENK	270	7	35	02	0	2	Ac		33		
	802	ROSEIRES	310	2	35	02	0	0	—	2.0	37	17	8
	771	EL OBEID	360	14	10	05	0	0	—	7.3	29	14	-1
	760	EL FASHER	50	5	30	01	2	2	Ci				-1
	770	GENEINA											
S. Sudan	840	MALAKÂL	40	15	10	05	0	0	—	3.6	35	10	-1
	880	WAU	50	10	10	04	0	0	—	3.8	33	16	4
	941	JUBA	20	7	30	03	2	7	Cu, Ac	2.5	35	35	17

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
SALÛM	270	9	15	00	8	0	—	21.8	13	55	4	dr.
SÎDI BARÂNI	320	13	14	01	8	3	Cu	20.9	14	59	6	0.8
MATRÛH	320	13	10	01	1	2	Cu	20.8	14	63	7	0
EL DABʿA	320	9	7	02	1	4	Cb	19.6	13	55	4	0
ALEXANDRIA	310	22	35	02	5	4	Cb	19.0	14	55	5	dr.
Alex (Airport)	340	13	12	01	6	3	Cu	18.6	14	59	6	1
DAMIETTA	220	5		02	6	4	Cb	17.0	11	88	9	2
PORT SAʿÎD	300	15	12	25	8	4	Cu, Sc	17.1	12	72	7	3
EL ʿARISH	270	10	12	01	8	4	Cu, Sc	16.1	11	77	7	1
DAMANHUR	310	9	7	03	6	4	Cu	18.2	11	77	7	4
MANSURA	270	5		03	6	4	Cu, Sc	18.6	10	76	6	4
TANTA	360	2	35	03	6	8	St	18.6	11	88	9	1
ZAGAZIG	00	0	35	02	1	0	—	18.8	10	88	8	4
ISMAʿILIA	290	5	35	03	2	7	As	18.3	11	77	7	2
Cairo (Airport)	340	4	12	03	8	4	Sc	19.2	10	71	5	2
ALMÂZA	340	6	12	01	1	1	Cu	19.2	11	67	5	0.6
EZBEKÎYA	00	0	10	01	2	1	Cu	18.7	12	59	4	dr.
GIZA	00	0	10	01	2	1	Cu	19.1	8	88	6	0.2
HELWÂN	320	4	3	01	5	0	—	19.9	11	63	4	dr.
FAIYÛM	360	6	35	02	0	0	—	19.9	13	55	4	0
MINYA	340	2	8	01	1	1	Ci	19.4	12	51	2	0
ASYÛT MANQABÂD	320	7	10	00	1	0	—	20.3	13	38	-1	0
NAGʿ HAMMADI	00	0		01	0	3	As	18.7	13	55	4	0
QENA	270	1	7	00	0	0	—	19.1	15	39	1	0
LUXOR	00	0	12	00	0	0	—	18.6	14	48	3	0
ASWÂN		10	15	05		0	—	18.6	17	34	1	0
SÎWA												
BAHARÎYA												
FARAFRA	320	3	15	00	1	0	—	22.2	18	32	1	0
DAKHLA	340	11	15	00	0	0	—	21.4	14	36	-1	0
KHARGA	00	0	15	00	0	0	—	20.6	16	24	-5	0
SUEZ	310	5	15	01	6	0	—	18.7	12	63	5	dr.
TÔR	310	13	15	03	1	2	Cu	17.8	16	42	3	0
HURGHADA	280	10	12	02	0	0	—	17.2	15	77	11	0
QUSEIR	360	9	15	02	0	0	—	16.8	17	52	7	0

At 0600 on Thursday 5th March, 1953

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
SALUM	290	19	15	00	0	0	—	21.2	+4.7	10			8	-2	62	3	0.4	22	
SÎDI BARÂNI	280	6	14	02	2	5	Cu	21.6		11	16		10		67	5	1	92	
MATRÛH	240	10	14	00	0	0	—	21.0	+4.3	10	17		8		71	5	0	38	
EL DABʿA	270	10	15	02	1	4	Cb	20.3		10	17		8		76	6	0	80	
ALEXANDRIA	310	11	50	02	5	7					16	-4	11	-1		9	dr.	103	172
Alex (Airport)	340	8	12	80	8	7	Cu, Sc	20.5	+3.7	12	14	-6	11	+1	82	9	1	104	134
DAMIETTA	200	2	7	01	1	2	Cu	20.2	+4.1	9	14	-5	6	-4	88	7	2	49	93
PORT SAʿÎD	270	12	12	02	8	2	Cu, Sc	19.8	+3.3	11	15	-4	9	-4	82	8	3	56	
EL ʿARISH	270	8	30	02	8	5	Cu, Sc	18.9	+2.2	11	16		8		82	8	6	36	
DAMANHÛR	310	5		52	6	8	Sc	21.1	+4.8	10	17	-5	8	-1	88	8	5	39	85
MANSÛRA	220	5	35	03	2	5	Sc, Cu	20.8	+4.5	10	15	-7	6	-3	88	8	4	36	42
TANTA	220	2	7	03	2	8	St	20.3	+3.5	11	16	-7	7	-1	88	9	1	15	33
ZAGAZIG	00	0	35	02	0	0	—	20.8	+4.1	10	17	-5	6	-2	88	8	4	24	22
ISMAʿILIA	270	5	35	01	0	0	—	20.6		12	16		7		63	5	2	29	
Cairo (Airport)	220	7	12	01	2	5	Sc	21.3		10	16		8		76	6	2	6	
ALMÂZA	190	8	12	01	2	3	Sc	21.7	+4.4	9	17	-5	8	-2	82	6	0.6	8	
EZBEKÎYA	00	0	8	02	2	5	Ac	22.0	+5.2	9	18	-5	8	-1	76	5	dr.	15	19
GÎZA	00	0	8	02	2	5	Ac	22.2	+5.2	11	18	-4	7	0	63	4	0.2	43	19
HELWÂN	110	3	7	01	2	6	Ac	22.7	+5.8	9	16	-7	7	-3	71	4	dr.	3	20
FAIYÛM	00	0	35	03	0	1	St	23.1	+6.5	10	19	-5	5	-4	62	3	0	13	7
MINYA	00	0	8	02	0	0	—	23.9	+5.7	8	20	-3	3	-4	76	4	0	1	
ASYÛT MANQABÂD	270	3	18	01	0	0	—	24.2	+7.0	9	19	-5	5	-3	54	0	0	2	
NAGʿ HAMMÂDI	00	0		01	0	5	Ac, Ci	23.4	+7.0	10	20	-5	5	-2	76	6	0	0.1	
QENA	270	1	35	00	0	0	—	22.6	+7.0	15	22	-6	5	-5	48	4	0	2	
LUXOR	00	0	30	01	1	1	Ci				21		6			3	0	1	
ASWÂN	360	9	7	05		0	—	22.7	+6.6	13	21	-7	9	-4	44	1	0	0.1	
SÎWA																			7
BAHARÎYA	320	1	35	02	0	0	—	23.6	+6.3	5			4	-4	93	4	0	dr.	7
FARAFRA	00	0	35	00	1	0	—	24.7		10	18		6		62	3	0	0	
DAKHLA	340	11	50	00	2	0	—	25.0	+7.9	10	18	-9	6	-3	58	2	0	0	
KHARGA	00	0	15	00	0	0	—	24.2	+7.5	11	19	-8	8	-2	51	1	0	0	
SUEZ	00	0	35	00	0	2	Cu	21.6	+5.5	11	14	-9	6	-5	77	7	dr.	42	12
TÔR	310	9	35	03	0	2	Cu	20.7	+5.2	14	19	-4	13	+1	55	5	0	Rain	12
HURGHADA	340	9	18	02	0	3	Cu, Ci	20.6	+4.6	12	17	-5	7	-4	59	4	0	7	
QUSEIR	360	5	15	00	0	2	Ac	20.7	+5.8	14	19	-5	11	-5	48	3	0	8	4
PORT SUDÂN	340	16	30	02	0	0	—	17.3		22	26				57	13	0		
WÂDI HALFA	360	7	30	02	0	0	—	22.8		11	23		6		44	-1	0		
ABU HAMAD	360	7	30	02	0	0	—			15	27		12		11	-15	0		
KAREIMA	20	21	30	02	0	0	—	15.5		15	28		12		34	-1	0		
ʿATBARA	10	19	4	07	0	0	—	15.5		17	31		14		28	-2	0		
KHARTÛM	360	15	30	02	0	0	—	15.3		18	31		15		18	-7	0		
KASSALA	40	9	30	02	0	0	—	12.2		22	35		17		57	13	0		
WÂD MEDANI	360	13	35	02	0	0	—	14.9		19	34		13		19	-5	0		
RENK																			
ROSEIRES																			
EL OBEID	360	18	30	03	0	1	Ci	6.3		17	30		14		26	-3	0		
EL FÂSHER	00	0	30	02	0	0	—			13	30		9		29	-5	0		
GENEINA	40	20	30	03	1	4	Ac, Ci			15	32		14		21	-7	0		
MALAKÂL	360	10	10	05	0	0	—	11.4		24	37		22		13	-7	0		
WÂU	360	5	10	04	0	0	—			22	37				27	2	0		
JUBA			30	25	8	8	Sc, Cu, Ac	12.2		26	36		22		37	10	dr.		

HUMIDITY % Mean of day

Station	on 4th	Diff. from normal
Alexandria	55	-10
Ezbekiya	59	-2
Giza	75	+10
Helwan	68	+20

GIZA Grass Minimum Temp. on 5th 3.1 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — Cairo Airport, On 4th At 15th

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	154	13		310	12
950					
900					
850	1499	2		300	21
800					
700	3043	-8		290	24
600					
500	5616	-17		300	54
400	7255	-29		290	87
300	9283	-39			

RAWINSONDE — ... Airport, On ... At ... (blank; pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300)

RAWINSONDE — ... Airport, On ... At ... (blank; pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300)

UPPER WIND OBSERVATIONS on 4th

Station	Matruh		Alex.A.P.		P.Said		Minya		Asyut		Aswan		Dakhla		S.Barani		Kharga						Asyut		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	23			300	20	330	19	310	23	350	6	340	28	310	19	360	21					320	17	360	11
600	320	27	300	17	300	24	320	14	310	46	340	10	350	43	310	30	360	28					350	21	350	12
1000	320	25	300	17	290	41	320	14	310	45	340	16	360	47	310	33	350	28					350	20	330	13
1500	300	23					310	23	320	24	320	16											330	22	330	8
2000							320	17	320	29															20	10
3000									330	29																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra	
Time	8		8		·		3		8		7	15	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	300	28	260	12			290	27	260	17	160	8	320	7	320	11					320	16	250	4
600	300	24	270	16			300	24	280	13	280	12	340	8	330	7					320	16	280	4
1000	290	18	290	15			300	27	290	14	310	14	330	9	340	13					320	18	310	9
1500	310	21	300	17			300	23	290	11	310	16	10	6	320	17					350	16	300	7
2000											310	19	30	3	320	22					330	17	310	8
3000											300	21	340	16							270	14		
4000											320	19									300	3		
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																	
Height m.	Dir.	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	330	5	360	5																
600			310	22	350	9	360	11																
1000			310	15	350	23	360	16																
1500			300	17	350	16	340	23																
2000			290	16			350	15																
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.

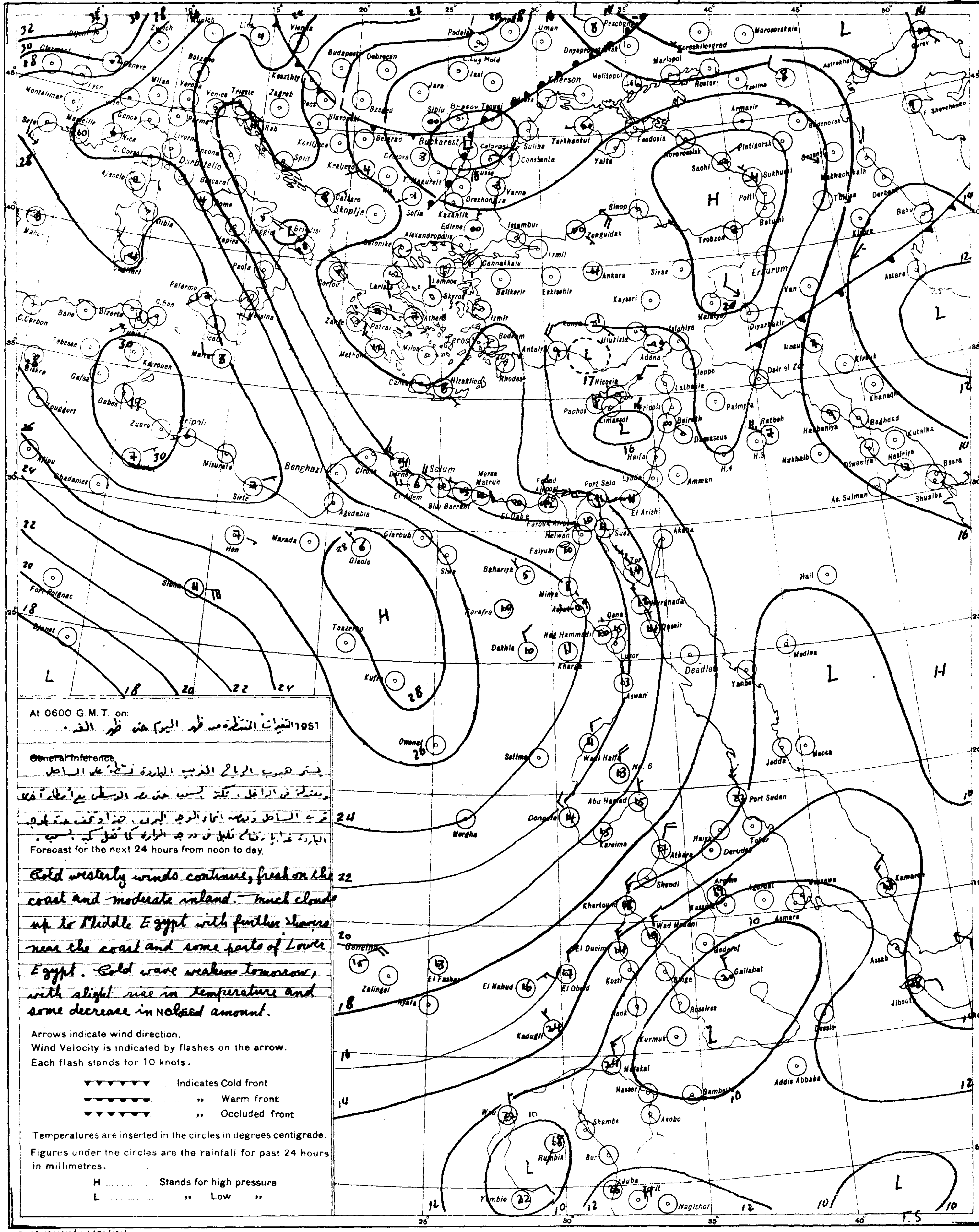
Note. All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,355) (250,537)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 5/3/1953



At 0600 G.M.T. on: التغيرات المنتظرة من ظهر اليوم حتى ظهر الغد. 1951

~~General Inference~~

يستمر هبوب الرياح الغربية الباردة نشطة على الساحل
معتدلة في الداخل. تكثر السحب حتى مصر الوسطى مع أمطار أخرى
قرب الساحل وبعض أنحاء الوجه البحري. غداً تضعف حدة موجة
الباردة غداً مع ارتفاع قليل في درجة الحرارة كما تقل كمية السحب.

Forecast for the next 24 hours from noon to day.

Cold westerly winds continue, fresh on the coast and moderate inland. Much clouds up to Middle Egypt with further showers near the coast and some parts of Lower Egypt. Cold wave weakens tomorrow, with slight rise in temperature and some decrease in cloud amount.

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

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

Temperatures are inserted in the 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(49/557) (50/531)

SCALE 1:15,000,000

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

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 6th March, 1952 3

At 1200 on Thursday 5th / At 1800 on Thursday 5th

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	1800 Rain past 12 hrs mms
Mediterranean	62300	SALÛM	320	9	35	02	1	4	Cu	20.6	18	43	5	290	5	15	00	0	0	—	19.9	14	55	5	0
	303	SÎDI BARÂNI	310	12	18	02	0	2	Cu	20.6	16	52	6	300	10	14	02	0	0	—	19.0	14	63	7	0
	306	MATRÛH	300	16	14	02	2	6	Cu,Sc	20.0	16	68	10	260	4	12	00	0	0	—	19.2	12	83	9	0
	309	EL DABʻA	320	9	35	01	1	3	Cu	19.9	17	42	4	290	3	7	00	0	0	—	19.5	13	67	7	0
		ALEXANDRIA	310	20	50	01	5	3	Cu	19.8	16	49	5	310	11	35	02	5	4	Ac	20.4	14	67	8	dr
	318	FOUAD (Airport) Alex	310	16	18	01	8	4	Cu	20.4	17	52	7	310	3	14	01	1	1	Sc	20.0	14	67	8	dr.
	330	DAMIETTA	290	5	35	02	1	2	Cu	19.9	16	59	8	220	2	7	00	0	0	—	20.3	12	78	8	0
	333	PORT SAʻÎD	320	11	18	02	1	4	Sc	19.6	17	64	10	300	5	12	01	1	3	Sc	20.3	13	78	9	0
	336	EL ʻARISH	290	8	30	01	2	2	Cu,Sc	19.3	15	55	6	230	3	14	01	1	1	Sc,Cu	17.8	12	83	9	0
Lower Egypt	339	DAMANHUR	310	5	15	02	6	6	Cu	20.3	16	59	8	360	5	7	02	1	2	Cu	20.3	11	77	7	Rain
	342	MANṢURA	270	5	15	60	6	6	Cb	20.0	15	68	9	320	5		00	1	0	—	20.6	10	76	6	3
	348	TANTA	270	2	35	03	6	7	Cu	19.8	15	78	11	270	2	35	03	2	6	Cu	19.6	11	88	9	0.5
	354	ZAGAZIG	320	1	50	02	1	3	Cu	20.4	18	60	10	00	0	35	02	1	0	—	20.4	13	78	9	0
	440	ISMAʻILIA	270	9	35	03	1	6	Cu	20.0	18	46	6	320	2	35	01	0	0	—	20.6	13	51	3	0
Cairo Area	366	FAROUK Cairo (Airport)	290	7	30	02	2	8	Sc	20.5	16	49	5	00	0	12	00	1	0	—	21.3	13	78	9	0
	372	ALMÂZA	270	6	14	03	2	8	Ns	20.6	17	46	5	40	3	12	00	0	0	—	20.5	13	72	8	0
		EZBEKIYA	320	4	14	03	1	8	Sc	20.0	17	46	5	280	3	10	01	2	0	—	20.6	14	72	9	0
		GÎZA	320	4	14	03	1	8	Sc	20.3	17	42	4	280	3	10	01	2	0	—	20.2	13	67	7	0
	378	HELWÂN	290	6	50	03	0	8	Sc,Cu	21.2	17	34	1	340	4	35	01	1	0	—	20.8	13	67	7	0
Upper Egypt	381	FAIYÛM	00	0	35	03	2	4	St	21.0	18	37	3	00	0	35	01	1	1	St	20.7	13	67	7	0
	387	MINYA	320	10	10	02	2	5	Cu,Ci	21.8	10	58	2	00	0	8	02	0	0	—	21.3	12	55	3	0
	393	ASYÛT MANQABÂD	270	9	30	03	1	3	Cu,Ci	21.1	18	30	0	00	0	8	00	1	0	—	21.7	14	27	-5	0
	399	NAGʻ HAMMADI	250	2	7	01	0	3	AC	21.1	20	41	6	290	1		01	0	2	AC	21.0	12	63	5	0
	402	QENA	270	1	50	03	1	5	Ci	19.9	22	29	3	270	1	7	02	1	3	Ci	20.8	11	88	9	0
	405	LUXOR	320	11	30	03	0	2	Ci	20.0	20	23	2	00	0	12	01	2	4	Ci	21.0	14	45	2	0
	414	ASWAN	30	8	7			0	—	20.0	19	26	-1	290	6	50	00	0	0	—	20.3	16	32	-1	0
Oases	417	SÎWA	310	12	14	02	0	1	Ci	23.5	18	37	3	270	4	8	01	0	0	—	22.3	13	48	2	0
	420	BAHARÎYA	320	1	35	02	1	2	Cu	23.3	17	56	8	320	1	15	02	1	1	Cu	21.8	13	67	7	0
	423	FARAFRA	340	12	35	03	2	6	Cs	23.6	18	28	-1	320	2	7	00	1	0	—	22.6	13	34	-3	0
	432	DAKHLA	340	11	35	01	2	4	Ci	22.4	17	34	1	50	9	35	00	0	0	—	22.2	14	36	-1	0
	435	KHARGA	360	1	15	02	1	2	Ac	21.9	19	30	1	00	0	15	00	0	0	—	21.8	15	30	-3	0
Red Sea	450	SUEZ	180	7	50	03	0	6	Cu	19.8	17	42	4	310	3	15	01	0	0	—	20.3	15	48	4	0
	459	TOR	310	13	35	03	1	2	AC	21.0	18			310	13	15	02	1	0	—	20.3	17	34	1	0
	462	HURGHÂDA	330	16	30	03	0	2	Cu,Ci	20.4	17	60	9	270	5	12	02	0	0	—	19.9	15	48	4	0
	465	QUSEIR	360	19	15	02	0	2	Ci	19.6	19	46	7	360	5	15	01	1	0	—	19.9	18	52	8	0
	641	PORT SÛDÂN																							
North Sûdân	600	WÂDI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA																							
	680	ʻATBARA	240	14	10	07	0	0	—	11.8	28	19	2												
	721	KHARTUM	20	14	30	02	0	0	—	12.5	29	9	-7												
	730	KASSALA	360	6	30	02	0	0	—		33	26	11												
Central Sûdân	751	WAD MEDANI	360	13	35	02	0	0	—	9.2	37	8	-3												
	801	RENK																							
	802	ROSEIRES	310	5	35	02	0	0	—	5.6	35	18	7												
	771	EL OBEID	50	16	10	05	0	1	Ci	11.6	26	9	-11												
	760	EL FASHER																							
	770	GENEINA	50	18	30	03	0	4	Ci		28	10	-8												
S. Sûdân	840	MALAKÂL	20	13	30	03	1	7	AC	6.7	33	10	-2												
	880	WÂU	110	3	10	04	2	6	Ac,Ci	7.9	33	10	0												
	941	JUBA	360	6	30	01	2	5	Cu,Ac	6.2	34	20	8												

At 0600 on Friday 6th March, 1953

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	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.	Station
250	9	15	00	0	0	—	19.0	+2.5	9	19	-1	7	-3	62	2	0	22		SALUM
230	9	18	02	0	0	—	19.0		9	17		7		71	4	0	92		SÎDI BARÂNI
230	15	18	03	0	2	Cb	19.4	+2.7	9	17				83	6	0	38		MATRÛH
250	8	15	02	1	4	Cu	19.3		9	18		6				0	80		EL DABʻA
220	16	50	02	2	5	AC	19.5	+3.1	12	18	-2	10	-2	63	5	dr.	103	172	ALEXANDRIA
260	14	18	02	1	4	Cu,Ac	19.3	+2.5	12	18	-2	10	0	78	8	dr.	104	134	FOUAD Alex. (Airport)
200	5	3	10	0	1	Cu	19.8	+3.7	11	16	-3	6	-4	88	9	0	49	93	DAMIETTA
220	16	8	02	0	1	Sc	19.4	+2.9	12	17	-2	10	-3	78	8	0	56		PORT SAʻÎD
200	4	30	03	1	3	Sc	18.9	+2.3	14	16		9		59	6	0	35		EL ʻARISH
270	13	7	02	0	0	—	20.2	+3.9	11	17	-5	7	-2	77	7	Rain	Rain	85	DAMANHÛR
220	9	35	00	1	0	—	19.8	+3.5	11	16	-6	7	-2	77	7	3	39	42	MANSÛRA
220	2	35	02	1	0	—	19.5	+2.7	11	18	-5	8	0	88	9	0.5	15	33	TANTA
00	0	35	02	0	0	—	19.9	+3.3	10	20	-3	6	-2	88	8	0	24	22	ZAGAZIG
180	2	35	03	1	6	Cu	20.6		13	19		8		67	7	0	29		ISMAʻILIA
200	8	12	01	1	1	Sc	20.4		13	18		8		44	1	0	6		FAROUK Cairo (Airport)
200	5	14	01	1	1	Sc,Cu	20.4	+3.1	11	18	-4	8	-2	54	2	0	8		ALMAZA
00	0	4	05	1	2	Ac	20.8	+4.1	11	18	-6	8	-2	54	2	0	15	19	EZBEKIYA
00	0	4	05	1	2	Ac	21.1	+4.2	11	20	-3	5	-2	54	2	0	43	19	GÎZA
140	5	15	01	1	1	Ac	21.6	+4.7	11	18	-5	9	-1	51	1	0	3	20	HELWÂN
00	0	35	01	0	0	—	21.2	+4.6	12	20	-4	5	-4	55	3	0	13	7	FAIYÛM
160	2	10	03	0	2	Ci	22.7	+4.6	10	20	-3	4	-3	71	5	0	1		MINYA
00	0	12	03	1	4	Ci	22.4	+5.3	10	18	-6	6	-2	41	-3	0	2		ASYÛT MANQABAD
340	1		02	0	4	AC	22.2	+5.8	11	20	+5	5	-3	63	4	0	0.1		NAGʻ HAMMÂDI
360	2	35	03	1	3	Ci	21.4	+5.8	16	23	-6	4	-6	49	5	0	2		QENA
00	0	30	03	2	5	Ac,Ci	22.0	+5.9	13	21		4		44	1	0	1		LUXOR
20	1	50	01	1	1	Ci	21.5	+5.5	13	20	-9	9	-4	55	4	0	0.1		ASWÂN
240	4	14	03	0	2	AC	22.8	+4.5	8	19	-5	5	-2	71	3	0	2	7	SÎWA
220	2	35	02	1	1	Cu	22.8	+5.6	11	19	-5	5	-3	77	7	0	dr.	7	BAHARÎYA
00	0	35	03	1	3	Ci	23.6		10	19		5		62	3	0	0		FARAFRA
110	9	50	03	0	3	Ci	23.4	+6.4	9	18	-9	5	-4	34	-6	0	0		DAKHLA
00	0	35	02	1	1	As	21.5	+4.9	12	19	-8	6	-4	44	0	0	0		KHARGA
180	5	35	00	0	5	Cu	21.1	+5.0	13	19	-4	7	-4	77	9	0	42	13	SUEZ
40	9	35	02	0	0	—	20.6	+5.2	13	19	-4	8	-4	55	4	0	Rain	12	TÔR
250	10	30	02	0	3	Cu,Cs	20.6	+4.7	14	18	-4	8	-3	55	5	0	7		HURGHADA
330	2	15	02	0	0	—	20.2	+5.4	16	20	-4	13	-3	42	3	0	8	4	QUSEIR
340	15	30	02	0	1	Cu	17.6		21	26		17		57	12	0			PORT SÛDÂN
10	10	30	01	1	2	Ci	21.7		12	32		9		41	-1	0			WÂDI HALFA
360	4	30	02	0	0	—				26		11			-9	0			ABU HAMAD
40	8	30	02	0	0	—	18.6		17	27		11				0			KAREIMA
20	11	30	02	0	0	—	15.9		17	29		14		34	1	0			ʻATBARA
																			KHARTÛM
160	3	30	02	0	0	—	12.5		23	34		15		53	13	0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
50	9	50	02	1	2	Ci	18.2		16	29		13		28	-3	0			EL OBEID
00	0	30	03	1	7	Cs			14	28		9		23	-7	0			EL FÂSHER
																			GENEINA
20	17	30	03	1	7	AC	12.1		23	35		20		14	-6	0			MALAKÂL
																			WÂU
360	4	30	03	1	6	Cu,AC	11.1		28	35		18		31	9	0			JUBA

HUMIDITY % Mean of day

Station	on 5th	Diff. from normal
Alexandria	68	+3
Ezbekiya	65	+4
Giza	63	-2
Helwan	64	+16

GÎZA
GRASS MINIMUM TEMP.
on 6th 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 — Cairo Airport — On 5th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	171	16		300	3
950					
900					
850	1524	4		260	17
800					
700	3071	-4		280	18
600					
500	5634	-24		280	39
400	7238	-30		250	84
300	9258	-40		280	105

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

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

UPPER WIND OBSERVATIONS on 5th

Station	Port Said		Dakhla		Matruh		Hurghada		Aswan		Minya		Asyut		Farafra		Kharga		El Arish		Minya		Asyut		Port Said	
Time	14		14		14		14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	25	360	12	310	23	360	16	360	16	340	6	320	19	340	5	340	20	230	12	150	8	90	5	270	12
600	290	24	10	15	250	30	330	11	350	18	350	10	320	16	20	6	330	18	280	15	140	3	10	5	280	14
1000	290	25	20	15	210	15	300	14	350	16	350	9	320	13	350	5	330	15	280	15	100	9	300	6	280	16
1500	270	27	350	19	260	26	300	14	350	26	310	10	320	23	320	6	340	13	260	15	40	4	320	13	240	29
2000							310	17	350	16	310	13	320	18	320	13					30	7	280	11	250	29
3000											290	16			300	20					290	14	280	25	270	28
4000															310	30										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni		Matrûh		Alex (Fouad Airport)		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8		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	250	21	230	11	250	16	250	20					280	4	300	3					330	6	230	13
600	260	16	240	29	250	16	220	24					290	12	320	8					330	5	250	16
1000	260	31	240	25	260	19	250	29					270	13	310	13					140 ?	2	260	17
1500	290	23	260	24	260	16	260	40					240	11	300	7					280	10	260	17
2000													280	30	310	18					280	20	280	24
3000													270	31										
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			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			270	16	360	10	10	7	20	9														
600			270	11	360	12	360	12	40	11	30	21	30	18	360	25								
1000			270	15	350	10	360	13	30	21	40	13	40	27	20	34			30	30	350	14		
1500			270	18	320	18	340	14	20	13	30	9	60	25	10	6			80	20	30	10		
2000			270	22	330	16	300	18																
3000									350	8	270	19	30	7	230	5			350	7	280	8		
4000																								
5000											250	26	310	13					160	13				
6000															230	5			50	5				
7000																								
8000																			240	7				

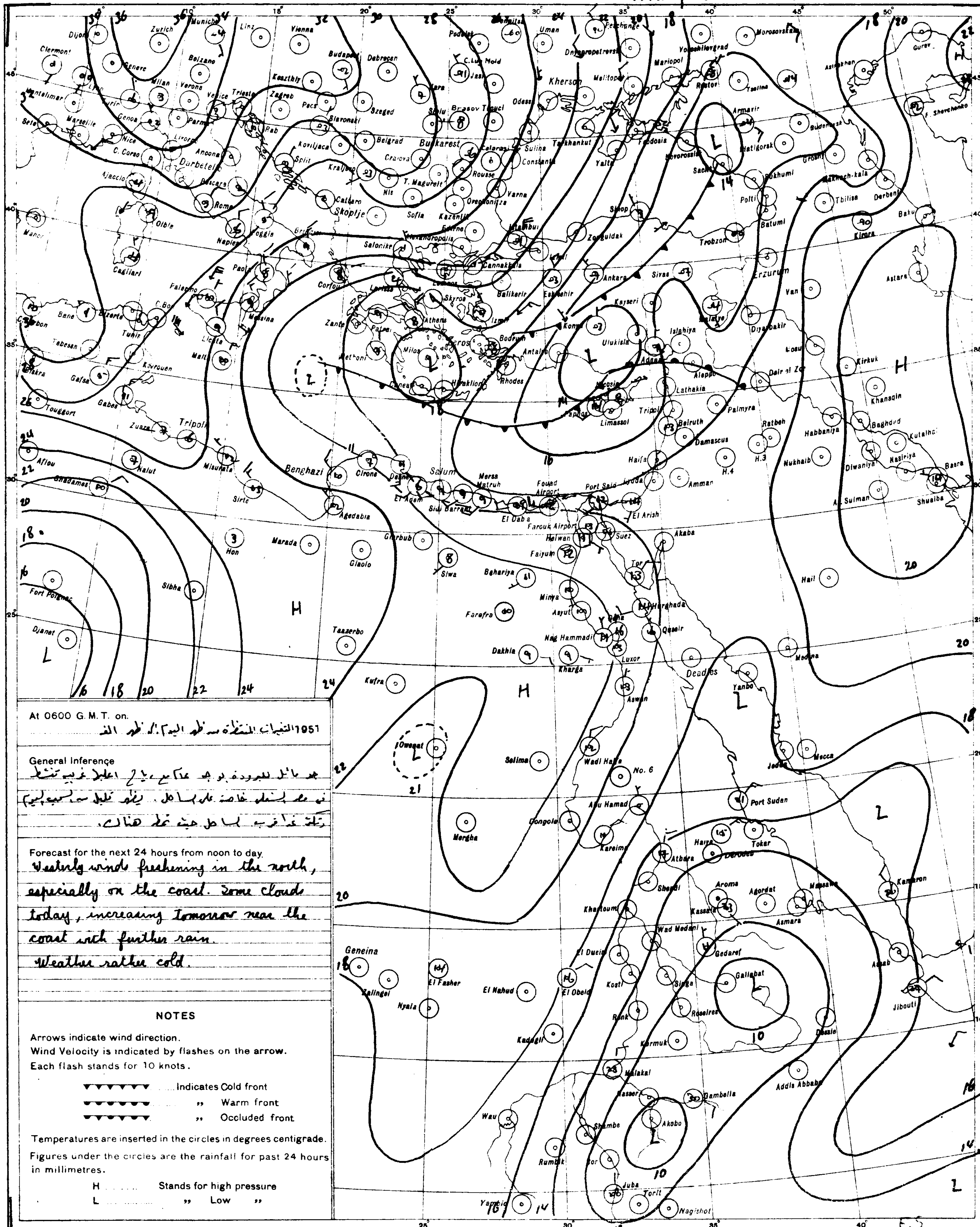
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours [illegible] than the Egyptian standard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

Printed by the Survey of Egypt [illegible]

Note: All times are G.M.T.

Annual Subscription P.T. [illegible]

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 6/3/1953



At 0600 G.M.T. on.
التغيرات المنتظرة من ظهر اليوم الى ظهر الغد 1951

General Inference
جو مائل للبرودة بوجه عام مع رياح اغلبها غربية تنشط
في بعض المناطق خاصة على السواحل. يظهر قليل من السحب اليوم
تزداد غداً قرب السواحل حيث تمطر هناك.

Forecast for the next 24 hours from noon to day.
Westerly winds freshening in the north, especially on the coast. Some cloud today, increasing tomorrow near the coast with further rain.
Weather rather cold.

NOTES

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

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

Temperatures are inserted in the 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 04 15 G. M. T.

" " Sunset 15 58 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date : Saturday 7th March, 1952 3

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	270	19	15	05	2	5	AC	15.5	19	30	1
	303	SÎDI BARÂNI	270	19	14	02	1	6	Sc, Cu	15.2	18	37	3
	306	MATRÛH	270	19	18	03	1	5	Sc	15.3	17	46	5
	309	EL DAB'A	270	7	35	02	1	5	Cb	16.3	19	23	-3
		ALEXANDRIA	270	22	50	03	2	3	Cu	16.8	15		
	318	F(Alex)(Airport)	280	18	18	02	0	1	Cu	16.4	17	56	8
	330	DAMIETTA	220	9	15	03	1	5	Cu	17.0	19	46	7
	333	PORT SA'ÎD	270	15	30	02	0	3	Cu, Sc	16.5	19	46	7
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	270	9	30	02	1	3	Cu	16.4	15	59	7
	342	MANSÛRA	220	9	35	02	1	3	Cu	16.6	20	41	6
	348	TANTA	220	8	35	03	2	5	Cu	16.4	21	26	1
	354	ZAGAZIG	00	0	50	02	1	3	Cu	16.7	20	46	8
	440	ISMAILIA	270	5	35	01	1	4	Cu	17.1	20	33	3
Cairo Area	366	F(Cairo)(Airport)	250	23	30	03	1	3	Cu	17.0	19	30	1
	372	ALMÂZA	220	16	30	02	1	2	Cu	16.8	19	30	1
		EZBEKIYA	220	4	18	03	0	3	Cu	16.7	22	25	1
		GÎZA	220	4	18	03	0	3	Cu	17.0	22	27	2
	378	HELWÂN	220	12	35	01	0	1	Cu	17.5	19	30	1
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	16.8	22	21	-1
	387	MINYA	360	14	12	02	0	1	Ci	18.8	22	19	-3
	393	ASYÛT MANQABAD	320	2	30	02	1	3	Ci	19.4	20	21	-3
	399	NAG' HAMMADI	290	1	7	02	0	5	Ac, Ci	18.3	22	50	11
	402	QENA	270	2	50	02	1	2	Ci	18.4	23	38	8
	405	LUXOR	20	3	30	02	2	3	Ci	18.2	22	27	2
	414	ASWAN	360	4	50	01	1	1	Ci	18.6	21	26	1
Oases	417	SÎWA											
	420	BAHARIYA	270	2	35	02	1	1	Cu	19.6	20	56	11
	423	FARAFRA	290	11	35	01	1	1	Ci	21.2	20	24	-1
	432	DAKHLA	340	9	35	01	2	4	Ci	20.0	20	24	-1
	435	KHARGA	00	0	15	02	2	6	Ci	18.6	21	26	1
Red Sea	450	SUEZ	180	7	50	01	0	2	Cu	17.5	20	41	6
	459	TÔR	310	9	35	01	1	4	Ci	17.5	19	37	4
	462	HURGHADA	360	9	30	03	2	6	Cs	17.4	19	43	6
	465	QUSEIR	20	9	15	03	1	2	Ci	18.3	20	46	8
	641	PORT SÛDÂN	30	15	30	02	0			14.6	26	51	15
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD	360	2	30	01	0	0	—		28	12	-4
	560	KAREIMA	20	9	30	01	0	0	—	13.9	27	10	-7
	680	'ATBARA	340	12	30	03	0	1	Ci	10.9	30	22	6
	721	KHARTUM	10	9	30	03	0	3	Cs	10.7	31	13	0
	730	KASSALA	360	6	30	02	0	0	—	6.7	34	29	13
Central Sûdân	751	WÂD MEDANI	360	9	35	02	0	3	Ci	7.8	32	13	0
	801	RENK	310	24	35	02	0	2	AC	7.9	34	63	26
	802	ROSEIRES											
	771	EL OBEID	40	9	30	03	1	7	Cs	10.3	28	8	-10
	760	EL FÂSHER	70	3	30	03	2	7	Cs		29	8	-9
	770	GENEINA	20	11	30	03	1	4	Ci		31	6	-11
S. Sûdân	840	MALAKÂL	20	6	30	01	2	2	AC	6.7	35	11	0
	880	WÂU	360	8	10	04	2	6	Ac, Ci	8.2			4
	941	JUBA	260	5	30	01	1	4	Cu, Ac	5.5	36	17	7

At 1800 on Friday 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	270	9	15	00	0	0	—	15.1	13	44	1	0
SÎDI BARÂNI	300	20	14	01	2	2	Sc	14.3	13	72	8	0
MATRÛH	280	18	12	60	8	8	As	13.6	14	67	8	dr.
EL DAB'A	160	4	7	01	1	8	Cu	13.1	12	63	5	0
ALEXANDRIA	180	14	35	00	0	0	—	13.5	13	67	7	0
F(Alex)(Airport)	00	0	12	01	1	0	—	14.3	14	67	8	0
DAMIETTA	220	5	7	01	1	3	Cu	14.8	13	77	9	0
PORT SA'ÎD	320	10	14	01	0	2	Sc	14.6	15	77	11	0
EL 'ARISH												
DAMANHÛR	00	0	7	02	1	1	Cu	14.4	12	77	8	0
MANSÛRA	320	5		00	1	0	—	14.4	14	67	8	0
TANTA	220	5	35	03	2	7	Sc, Cu	14.4	13	67	7	0
ZAGAZIG	00	0	35	02	1	0	—	14.4	14	55	5	0
ISMAILIA	200	2	35	03	2	8	Ns	15.1	16	49	5	0
F(Cairo)(Airport)	250	9	12	00	1	0	—	15.6	15	36	0	0
ALMÂZA	240	14	12	01	1	0	—	14.9	16	36	1	0
EZBEKIYA	270	6	10	00	1	0	—	15.2	17	32	0	0
GÎZA	270	6	10	00	1	0	—	15.4	13	44	1	0
HELWÂN	220	8	7	01	0	0	—	15.6	15	45	-3	0
FAIYÛM	00	0	35	02	0	0	—	16.2	15	48	4	0
MINYA	260	5	8	02	0	0	—	16.9	15	34	-1	0
ASYÛT MANQABAD	270	7	10	02	0	0	—	18.4	16	19	-8	0
NAG' HAMMADI	00	0		01	0	3	—	18.2	13	67	7	0
QENA	270	1	7	00	0	0	—	17.5	12	97	12	0
LUXOR	280	3	12	01	1	0	—	17.6	15	39	1	0
ASWAN	00	0	50	00	0	0	—	17.6	17	34	1	0
SÎWA												
BAHARIYA	270	1	15	02	1	0	—	18.4	13	67	7	0
FARAFRA	220	2	15	00	0	0	—	19.4	14	36	-1	0
DAKHLA	270	11	35	00	0	0	—	19.8	17	26	-3	0
KHARGA	00	0	15	02	2	4	Ci	17.8	18	20	-5	0
SUEZ	180	5	15	01	0	0	—	15.4	16	68	10	0
TÔR	00	0	15	02	0	0	—	16.4	17	46	5	0
HURGHADA	210	1	12	02	0	0	—	16.7	15	39	1	0
QUSEIR	00	0	15	01	1	0	—	18.3	19	46	7	0
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 Saturday 7th March, 1953

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.	Station
320	9	15	80	8	7	Cu	18.6	+2.1	8	19	-1	7	-3	58	0	dr.	22		SALUM
310	24	15	02	8	7	Cu, Sc	18.2		10	18		8		50	0	1	93		SÎDI BARÂNI
310	26	12	03	6	7	Cu, Sc	15.6	-1.1	10	18		6		62	3	6	44		MATRÛH
340	38	15	03	6	6	Cu, Sc	14.7		11	19		7		51	1	6	86		EL DAB'A
310	25	50	03	6	6	Cb	14.3	-2.1	11	18	-3	8	-4	63	4	7	110	173	ALEXANDRIA
320	20	14	01	8	5	Cu	13.5	-3.3	11	19	-1	9	-2	82	8	4	108	134	F(Alex)(Airport)
220	5	7	02	6	3	Cb	13.1	-3.0	11	20	+1	8	-2			0.3	49	93	DAMIETTA
270	24	14	03	1	7	Cu, Sc	12.8	-3.7	11	20	+1	10	-3	77	7	0	56		PORT SA'ÎD
250	14	18	01	5	1	Sc	12.3	-4.3	13			11		55	4	dr.	36		EL 'ARISH
310	9		25	6	7	Cb	13.6	-2.7	12	16	-6	8	-1	77	8	1	Rain	85	DAMANHÛR
220	5	15	50	5	7	Cb	13.4	-2.8	10	21	-1	8	-1	88	8	dr.	39	42	MANSÛRA
220	8	35	03	5	6	Sc, Cu	14.0	-2.8	10	21	-2			88	8	[illegible]	[illegible]	33	TANTA
220	2	35	61	6	7	Cu	14.3	-2.3	9	22	-1	8	0	88	7	1	25	22	ZAGAZIG
270	13	35	03	2	7	Ac, Ci	14.3		12	21		9		63	5	0	29		ISMAILIA
270	5	13	02	2	6	Cu, AC	15.1		10	21		10		71	5	0	6		F(Cairo)(Airport)
220	11	12	03	1	7	Cu, Sc	15.5	-1.7	11	22	0	10	0	67	5	0	8		ALMÂZA
00	0	8	01	1	3	Sc	15.8	-0.9	12	22	-2	10	0	63	5	0	15	19	EZBEKIYA
00	0	8	01	1	3	Sc	16.1	-0.8	13	23	0	8	+1	55	4	0	43	19	GÎZA
250	11	3	03	1	4	AC	16.2	-0.6	11	20	-3	10	0	63	4	0	3	20	HELWÂN
00	0	35	02	0	0	—	17.1	+0.5	13	23	-1	5	-4	55	4	0	13	7	FAIYÛM
280	7	12	02	0	0	—	18.1	0.0	11	22	-1	4	-3	54	2	0	1		MINYA
310	2	10	02	0	0	—	18.9	+1.9	12	22	-2	8?	0	35	-3	0	2		ASYÛT MANQABAD
00	0		02	0	4	Ac, Ci	19.6	+3.3	13	23	-2	5	-3	44	1	0	0.1		NAG' HAMMADI
180	2	15	03	1	3	Ci	19.1	+3.7	17	23	-6	5	-5	42	4	0	2		QENA
00	0	30	03	1	3	Ci	18.6	+2.6	15	23		3		39	1	0	1		LUXOR
00	0	50	01	1	2	Ci	19.0	+3.2	17	22	-7	11	-3	26	-3	0	0.1		ASWAN
310	11	14	00	0	0	—	22.8	+4.5	8			7	0	76	4	0	2	7	SÎWA
270	3	35	02	1	1	Cu	19.4	+2.2	9	22	-2	7	-1	88	7	0	dr.	7	BAHARIYA
290	10	35	03	0	1	Ci	21.2		10	21		6		62	3	0	0		FARAFRA
340	15	35	03	0	2	Ci	22.3	+5.3	9	22	-5	5	-4	47	-2	0	0		DAKHLA
00	0	35	02	1	2	Ci	20.2	+3.7	14	22	-5	7	-3	36	-1	0	0		KHARGA
180	5	35	00	0	1	Cu	15.0	-1.0	14	21	-2	10	-1			0	42	13	SUEZ
220	9	15	05	0	0	—	16.7	+1.4	16	20	-3	12	0	59	8	0	Rain	12	TÔR
280	5	14	02	0	0	—	17.1	+1.2	16	20	-2	9	-2	36	1	0	7		HURGHADA
330	5	15	02	0	0	—	16.8	+2.0	16	20	-4	12	-4	42	3	0	8	4	QUSEIR
320	10	30	01	0	1	Cu	15.6		23	26		16		65	16	0			PORT SÛDÂN
00	0	30	01	0	3	Ci	19.4		13	24		10		38	-1	0			WÂDI HALFA
360	12	10	07	0	1	AC			18	28		15		15	-9	●			ABU HAMAD
360	9	30	03	0	1	Cs	16.9		16	29		11		15	-11	0			KAREIMA
10	13	10	07	0	1	Ci	13.6		20	31		16		23	-2	0			'ATBARA
360	10	30	03	1	6	Ci	14.0		19	31		15		17	-7	0			KHARTÛM
240	2	30	03	1	4	AC	11.5		21	34		17		28	2	0			KASSALA
360	9	50	02	1	2	Ci	12.3		21	34		15		14	-8	0			WÂD MEDANI
																			RENK
																			ROSEIRES
360	10	30	01	2	5	Cs	14.3		18	30		14		14	-10	0			EL OBEID
00	0	30	03	1	6	Ci			15	31		11		25	-5	0			EL FÂSHER
30	15	30	02	0	3	Ci			15	32		10		23	-8	0			GENEINA
		30	03	1	4	Ac, Cs	11.1		25	36				10	-9	0			MALAKÂL
360	2	12	06	2	8	Ac, Ci	11.0		23	36		20		32	5	0			WÂU
00	0	18	21	6	6	Cb, Ac	10.6		26	37		21		42	12	dr.			JUBA

HUMIDITY % Mean of day

Station	on 6th	Diff. from normal
Alexandria	64	-1
Ezbekiya	37	-24
Giza	31	-34
Helwan	36	-12

GIZA

Grass Minimum Temp. on 7th 6.5 °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

F(Cairo) AIRPORT — On 6th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	139	20		250	17
950					
900					
850	1508	8		230	19
800					
700	3070	-5		220	19
600					
500	5668	-16			
400	7320				
300	9350	-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	Matruh		Port Said		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		S. Barani		Alex A.P.		Asyut		Minya		El Arish	
Time	14		14		14		14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	13	250	17	260	10	250	10	330	5	310	9	340	3	20	15	300	23	230	20	290	9	290	21	150	9
600	260	20	250	16	260	16	300	4	330	12	320	10	320	6	340	14	300	28	240	26	300	18	280	20	220	14
1000			250	17	260	20	290	7			330	9	320	11	310	9	280	21	250	26	280	17	270	19	220	24
1500			250	21	240	8	280	19			320	11	310	15	260	18					280	20	250	24		
2000					230	9	280	29			310	16			260	27							230	17		
3000					230	13									330	7										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matrûh		F(Alex) Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8		8		4		4				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	17	320	20	310	19	240	19	240	31			280	25	300	16							290	14
600	340	41	320	28	300	24	270	17	240	39			280	18	280	11							290	18
1000	340	23	320	24	330	25	310	17	250	33			290	20	280	23							280	24
1500	320	23					290	29					280	16	280	28							270	26
2000													290	31	290	35							280	20
3000																								
4000																								
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		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			300	47	330	16	310	6	10	15														
600			300	60	330	23	320	15	10	22	270	28	30	7	10	21								
1000			300	78	310	26	320	23	10	21					30	21					200	11	30	31
1500					310	30	310	25	350	17			10	10	20	15					60	9	50	26
2000							290	32											60	12				
3000									330	6	240	35	280	18	300	10			20	6	240	7	60	7
4000																			70	8				
5000									330	6									150	10				
6000															220	10								
7000																								
8000															240	23								

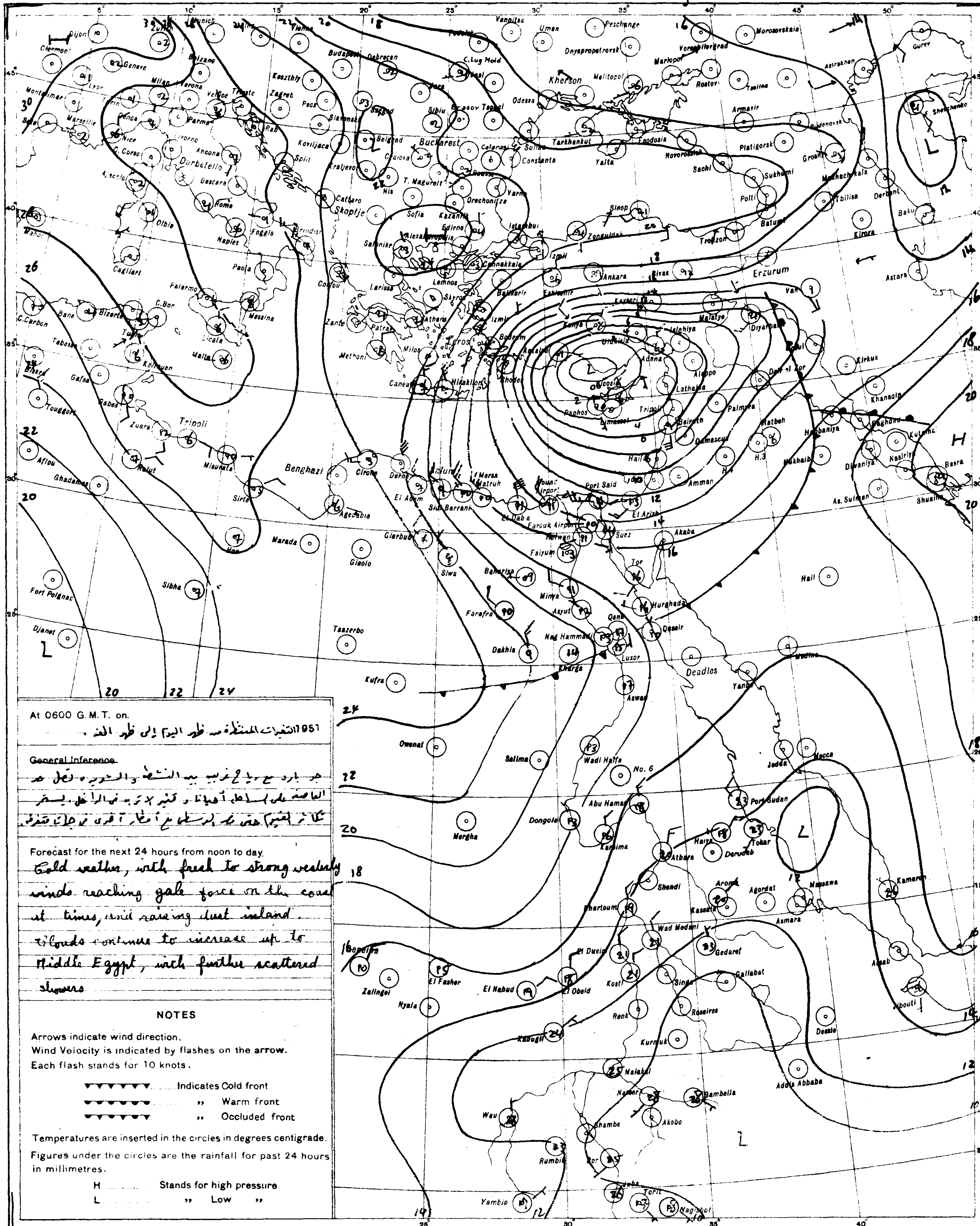
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours l[...]an the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,557) (50,537)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 7 | 3 | 1953



At 0600 G. M. T. on.

1951 التغيرات المنتظرة من ظهر اليوم إلى ظهر الغد.

General Inference

جو بارد مع رياح غربية بين الشديدة والمعتدلة تصل حد العاصفة على السواحل أحيانا و تثير الأتربة في الداخل. يستمر تكاثر الغيوم حتى مصر الوسطى مع أمطار أخرى في جهات متفرقة.

Forecast for the next 24 hours from noon to day.

Cold weather, with fresh to strong westerly winds reaching gale force on the coast at times, and raising dust inland. Clouds continue to increase up to Middle Egypt, with further scattered showers

NOTES

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

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

Temperatures are inserted in the 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		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	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 14 G.M.T.
" " Sunset 15 59 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 8th March, 1952 3

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	SALUM	320	13	35	03	2	7	Cu	19.6	13	51	3
	303	SIDI BARANI	320	17	18	01	2	6	Cu	19.4	13	41	0
	306	MATRUH	309	27	18	02	2	6	AC	17.7	13	44	1
	309	EL DABA	340	21	18	03	2	7	St	16.8	12	44	0
		ALEXANDRIA	310	24	50	80	8	6	Cb, Sc	15.8	11	63	4
	316	Abu. (Airport)	320	23	14	81	8	7	Cb, Sc	15.9	10	76	6
	330	DAMIETTA	270	13	7	03	6	6	Cu, Sc	14.0	12	63	5
	333	PORT SAID	290	24	30	25	6	6	Cu, Sc	14.4	13	55	4
	336	EL ARISH	270	30	09	64	3	5	Cb, Sc	13.2	13	67	7
LOWER EGYPT	339	DAMANHUR	310	19	7	50	5	8	Cb, Sc	15.9	11	63	4
	342	MANSURA	320	13	35	03	5	5	Sc, Cu	14.8	13	55	4
	345	TANTA	270	13	35	03	5	6	Cu	14.8	15	39	1
	354	ZAGAZIG	220	2	50	02	6	8	Cu	14.8	12	77	8
	440	ISMAILIA	270	19	12	02	0	7	Ac, Ci	15.0	13	55	4
CAIRO AREA		Cairo (Airport)	320	22	13	03	2	7	Sc	15.6	14	59	6
		ALMAZA	270	22	10	03	2	8	Cu, Sc	15.8	13	59	5
		EZBEKIYA			14	03	1	8	Cb	15.4	14	48	3
		GIZA			14	03	1	8	Cb	15.6	14	52	4
		HELWAN	270	10	7	03	2	8	Cu, Sc	15.9	14	36	-1
UPPER EGYPT		FAIYUM	360	8	35	03	2	6	St	16.7	16	42	3
		MINYA	190	18	12	03	1	2	Cu	16.9	20	23	-2
		ASYUT MANQABAD	320	14	6	03	0	2	Cu, Ci	17.5	18	32	1
		NAG HAMMADI	120	1	7	01	0	5	As	17.2	21	33	4
	402	QENA	290	2	50	02	1	1	Ci	16.6	22	27	2
	405	LUXOR	270	12	30	03	1	5	Cs	16.3	22	19	-3
	414	ASWAN	340	6	15	03	2	5	AC	16.7	22	21	-1
OASES		SIWA											
		BAHARIYA	320	4	15	02	0	0	—	20.3	15	59	7
		FARAFRA	320	10	35	01	1	4	Ci	19.8	17	34	1
		DAKHLA	340	11	35	01	2	0	—	19.8	17	26	-3
		KHARGA	270	2	15	02	1	4	Ci	18.0	19	32	1
RED SEA		SUEZ	310	5	50	03	0	6	Cu	15.2	17	34	1
		TOR	310	9	35	01	1	1	Ci	14.8	19	37	4
		HURGHADA	300	15	18	02	0	1	Ci	15.3	20	35	4
	465	QUSEIR	20	9	15	02	0	0	—	15.4	24	21	0
		PORT SUDAN	20	16	30	03	1	4	Cu, Ci	13.3	26	62	16
NORTH SUDAN	600	WADI HALFA	360	18	30	03	2	7	Cs	16.6	25	15	-4
		ABU HAMAD	360	6	15	07	0	1	Ci		29	7	-11
	660	KAREIMA	360	14	30	02	0	1	Cs	11.8	30	5	-14
		ATBARA	350	15	10	07	1	3	Ci	9.5	31	11	-2
	721	KHARTUM	360	13	30	01	2	5	Cs	9.2	32	9	-5
		KASSALA	340	7	30	01	1	4	AC	4.6	35	25	12
CENTRAL SUDAN		WAD MEDANI	360	9	35	02	0	4	Ci	7.0	34	12	1
		RENK											
	802	ROSEIRES											
		EL OBEID	30	14	30	02	2	6	Cs	8.4	30	6	-11
	760	EL FASHER	90	4	30	02	2	5	Ci		30	9	-6
		GENEINA	40	10	30	02	1	5	Ci		33	5	-13
S. SUDAN	840	MALAKAL	20	7	30	02	2	8	AcCs	5.0	36	10	0
	880	WAU	50	5	10	04	2	7	AcCi	7.0			7
	941	JUBA	50	6	30	02	2	5	CuCi	3.5	37	24	13

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
SALUM	220	9	15	03	8	5	Cu	20.7	11	41	-2	dr.
SIDI BARANI	340	16	14	02	2	6	Sc	20.6	12	51	2	0
MATRUH	300	17	10	02	2	6	Cu, Sc	19.0	11	63	4	0
EL DABA	340	21	7	03	2	7	St	18.2	11	51	1	0
ALEXANDRIA	310	43	35	80	8	6	Cb	18.2	10	62	3	1
Abu. (Airport)	330	28	12	02	8	7	Cb	17.8	11	58	3	2
DAMIETTA	270	13		02	5	6	Cu, Sc	15.6	9	71	4	2
PORT SAID	270	30	15	80	6	7	Cb, Sc	16.4	9	71	4	Rain
EL ARISH	270	20	14	01	6	1	Sc	14.5	10	76	6	1
DAMANHUR	310	19	7	02	5	1	Cu	17.6	7	87	5	0.3
MANSURA	220	19		00	1	0	—	17.4	8	71	3	dr.
TANTA	270	5	35	03	6	8	St	17.8	8	88	6	dr.
ZAGAZIG	220	1	35	02	2	8	Cu	18.0	9	71	4	1
ISMAILIA	270	13	35	03	2	7	Cu	17.5	10	62	3	0
Cairo (Airport)	290	6	10	01	2	4	Sc	18.8	10	67	4	0
ALMAZA	280	11	10	01	2	6	Cu, Sc	19.3	10	62	3	dr.
EZBEKIYA		3	10	01	2	7	Sc	19.6	11	54	2	0
GIZA		3	10	01	2	7	Sc	19.1	10	54	1	0
HELWAN	290	13	15	01	2	6	Sc	18.8	11	41	-2	0
FAIYUM	360	2	35	01	1	0	—	19.0	11	51	1	0
MINYA	310	5	8	02	0	0	—	19.1	12	41	-1	0
ASYUT MANQABAD	310	7	12	00	1	0	—	19.4	12	33	-4	0
NAG HAMMADI	290	1		01	0	3	AC	19.2	14	48	3	0
QENA	270	2	7	00	0	0	—	19.1	13	51	3	0
LUXOR	310	8	12	00	2	0	—	19.1	15	34	-1	0
ASWAN	360	5	50	00	0	0	—	18.7	18	20	-5	0
SIWA												
BAHARIYA	320	2	15	02	0	0	—	20.2	11	63	4	0
FARAFRA	350	2	15	00	0	0	—	20.3	11	41	-2	0
DAKHLA	360	15	35	00	0	0	—	20.8	14	36	-1	0
KHARGA	00	0	15	00	1	0	—	19.5	17	26	-3	0
SUEZ	310	8	15	01	0	0	—	18.4	12	55	3	0
TOR	310	9	15	02	0	0	—	17.8	16	42	3	0
HURGHADA	270	8	12	02	0	0	—	17.3	16	26	-4	0
QUSEIR	330	5	15	02	0	0	—	16.3	20	41	6	0

At 0600 on Sunday 8th March, 1953

Station	Wind 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	13	15	03	2	6	Ci	20.2	+3.7	9	15	-5	7	-3	34	-6	dr.	22	
SIDI BARANI	220	3	15	02	0	4	Sc, Ci	20.0		10	14		8		54	1	0	93	
MATRUH	220	9	14	01	2	6	Cu, Sc	19.9	+3.2	9	13		7		67	3	dr.	44	
EL DABA	250	6	15	03	2	6	Sc	20.0		8	14		5		71	3	0	86	
ALEXANDRIA	310	13	50	02	2	7	St	20.4	+4.0	13	15	-6	7	-5	55	4	2	112	173
Abu. (Airport)	310	3	12	02	2	7	Cu	20.2	+3.5	14	14	-6	10	-2	63	7	2	110	134
DAMIETTA	220	5		03	6	7	Sc	20.8	+4.7	13	13	-6	5	-5	44	1	[illegible]	52	94
PORT SAID	260	16	15	01	1	6	Sc	20.7	+4.3	9	14	-5	8	-5	88	7	2	58	
EL ARISH	240	0	0	03	2	7	Sc Cu	21.4	+4.8	10	16		7		62	3		37	
DAMANHUR	310	5	7	02	2	8	Sc	20.4	+4.1	10	12	-10	7	-2	88	8	0.3	40	86
MANSURA	220	5	15	03	2	7	Sc, Cu	21.0	+4.8	9	14	-8	6	-3	88	7	dr.	39	43
TANTA	00	0	7	03	2	8	St	20.6	+3.8	9	15	-8	6	-2	88	7	dr.	15	33
ZAGAZIG	220	1	35	02	1	4	Cu	21.1	+4.6	8	16	-7	5	-3	88	6	1	26	22
ISMAILIA	270	2	35	01	1	4	AC	21.6		11	15		5		63	4	0	29	
Cairo (Airport)	220	4	14	03	1	6	Sc	21.5		10	17		7		67	4	dr.	6	
ALMAZA	200	7	15	01	2	5	Sc	21.8	+4.6	9	17	-5	7	-3	67	3	dr.	8	
EZBEKIYA	230	1	8	01	2	6	AC	22.0	+5.4	10	17	-7	7	-3	58	2	0	15	20
GIZA	230	1	8	01	2	6	AC	22.5	+5.6	11	17	-6	5	-3	58	3	0	43	19
HELWAN	290	2	15	01	1	4	AC	22.8	+6.0	8	16	-7	5	-5	71	3	0	3	21
FAIYUM	00	0	35	03	1	4	Ci	23.3	+6.8	9	19	-5	4	-5	62	2	0	13	7
MINYA	00	0	10	02	1	2	Ci	23.1	+5.1	9	20	-3	1	-6	67	3	0	1	
ASYUT MANQABAD	270	2	14	03	1	3	Ac, Ci	23.2	+6.3	9	19	-5	4	-4	44	-3	0	2	
NAG HAMMADI	00	0		01	0	2	AC	21.8	+5.6	10	22	-4	4	-4	62	3	0	0.1	
QENA	320	1	35	03	1	1	Ci	20.8	+5.4	14	23	-6	6	-4	55	5	0	2	
LUXOR	20	5	30	03	0	1	Ci	21.4	+5.4	12	22		6		47	1	0	1	
ASWAN	360	7	50	01	1	3	Ci	20.6	+4.9	13	23	-6	10	-4	34	-3	0	0.1	
SIWA	30	2	14	03	1	5	Ac, Cs	22.3	+4.1	8			4	-3	62	1	0	2	7
BAHARIYA	320	1	35	02	2	4	Ci	22.6	+5.4	6	16	-8	0	-8	57	-2	0	dr.	7
FARAFRA	00	0	35	03	0	2	Ci	23.9		6	17		1		42	-6	0	0	
DAKHLA	00	0	50	03	0	3	Ci	23.4	+6.5	8	18	-9	3	-6	46	-3	0	0	
KHARGA	00	0	7	02	2	2	Ci	22.3	+5.9	10	20	-8	6	-4	50	0	0	0	
SUEZ	180	5	35	00	0	0	—	22.3	+6.3	9	18	-5	4	-7	71	4	0	42	13
TOR	310	9	35	03	1	2	Ci	21.6	+6.4	15	19	-4	11	-1	30	-3	0	Rain	12
HURGHADA	290	11	18	02	0	1	Cu	21.4	+5.6	13	22	0	8	-3	44	1	0	7	
QUSEIR	360	9	15	02	0	0	—	20.6	+5.9	15	25	+1	13	-3	48	4	0	8	4
PORT SUDAN	310	11	30	01	1	3	Cu	16.1		23	26		19		57	14	0		
WADI HALFA	360	10	30	01	1	1	AC	19.0		13	25		9		36	-2	0		
ABU HAMAD	360	5	30	02	0	0	—			17	29		14		22	-5	0		
KAREIMA																			
ATBARA	10	12	10	07	0	0	—	13.2		19	32		15		19	-5	0		
KHARTUM	20	15	30	02	0	0	—	12.2		21	34		17		17	-5	0		
KASSALA	40	7	30	02	0	0	—	10.5		23	36		19		65	16	0		
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID																			
EL FASHER																			
GENEINA																			
MALAKAL	10	18	30	01	1	1	Ac	8.9		26	37		22		11	-7	0		
WAU	360	7	10	04	0	0	—	9.8		25	37		21		18	-1	0		
JUBA																			

HUMIDITY
Mean of day

Station	on 7th	Diff. from normal
Alexandria	61	-4
Ezbekiya	54	-6
Giza	53	-12
Helwan	50	+2

GIZA
Grass minimum temp.
on 8th 3.5

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

Cairo AIRPORT — On 7th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	154	12		300	22
950					
900					
850	1491	1		260	19
800					
700	3024	-6		260	41
600					
500	5590	-20			
400	7220	-27			
300	9240	-40			

AIRPORT — On ... At ...

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

AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 7th

Station	Matruh		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Dakhla		Hurghada		S. Barani		Kharga		Minya		Asyut	
Time	14		14		14		14	15	14		14		14		14		14		14		14		20		20	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	20	260	36	260	27	300	32	340	6	320	19	340	11	340	27	280	23	320	14	310	21	350	18	330	20
600	310	26	270	22	270	43	300	30	350	5	310	20	340	17	10	17	300	18	320	26	300	27	350	16	320	21
1000	310	24	300	19	270	45	290	38	340	8	320	22	350	16	350	21	300	16	320	26	300	26	320	15	320	20
1500	310	28	310	26	250	45			360	4	310	27			350	18	280	15			310	23	280	16	320	13
2000									340	6	300	23											300	35	310	29
3000									340	4																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		5						3		7		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	360	4	280	17					250	30	180	8	20	9	40	7					330	13	220	7
600	290	4	310	13					270	30	220	6	30	14	40	11					320	11	240	8
1000	330	3	330	10					330	3	320	8	30	10	30	14					320	11	190	7
1500	260	9	320	13					300	17	340	13	30	7	310	9					320	12	320	21
2000	260	7							290	40					300	7					290	20		
3000	270	12													270	11					310	13		
4000	270	17													280	26					300	3		
5000																								
6000																								
7000																								
8000																								

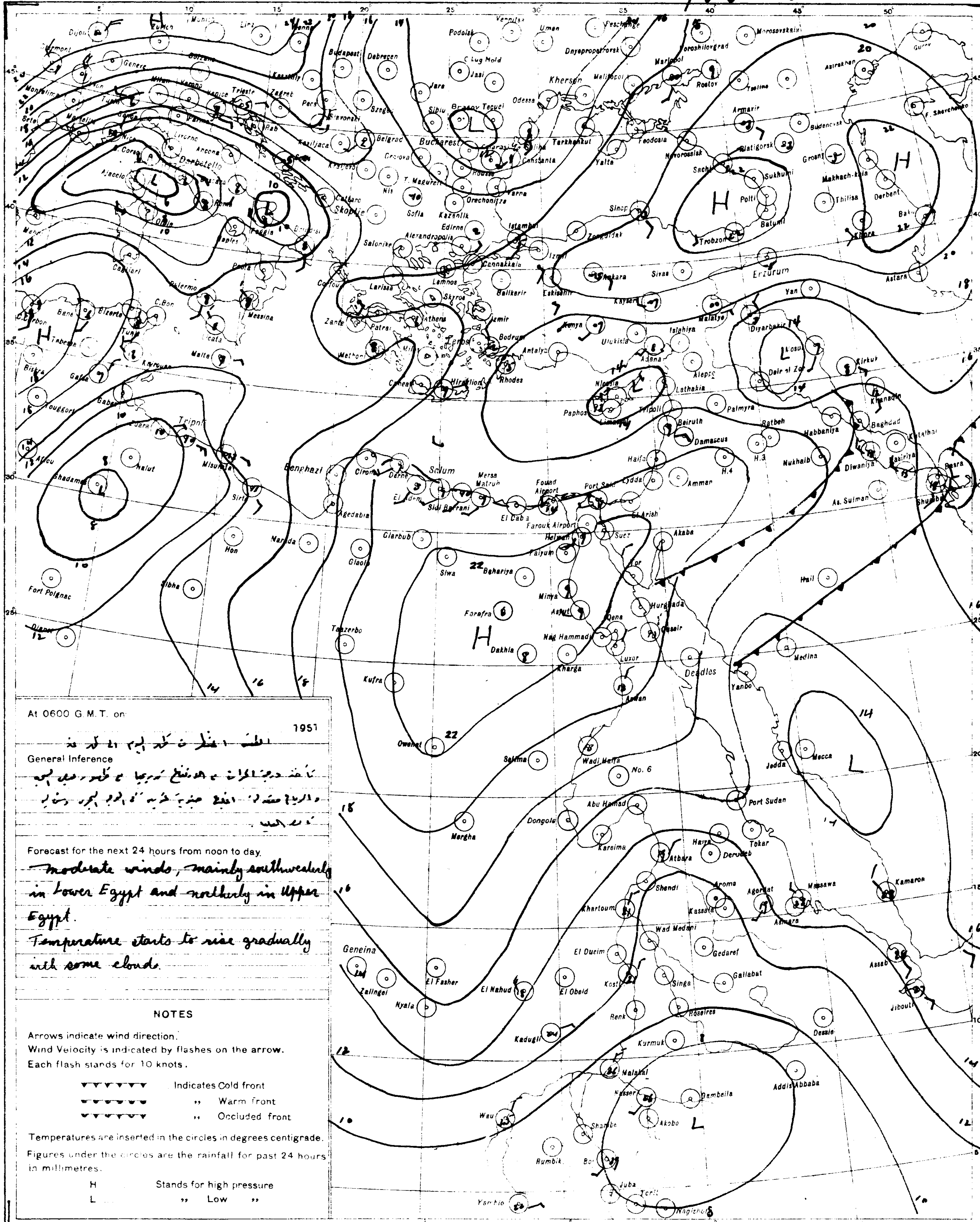
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			8		8		8		4		4		4		4				5				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			150	9	170	10	40	9	20	15														
600			140	8	190	8	50	13	40	27	30	29	30	31	10	29							10	33
1000			120	6	190	9	40	20	40	22	30	21	30	25	20	29			30	31			30	46
1500			130	4	180	13	360	10	30	11	20	8	10	13	30	24			60	21			40	28
2000			120	5			330	11											20	5				
3000									30	7	260	18	270	12	300	7			20	9			70	5
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 8-3 1953



At 0600 G.M.T. on   1951

الطقس المنتظر حتى ظهر اليوم [illegible]

General Inference

تأخذ درجة الحرارة في الارتفاع تدريجيا مع ظهور بعض السحب
والرياح معتدلة اتجاهها جنوبية غربية في الوجه البحري وشمالية
في الصعيد.

Forecast for the next 24 hours from noon to day.

moderate winds, mainly southwesterly in Lower Egypt and northerly in Upper Egypt.
Temperature starts to rise gradually with some clouds.

NOTES

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

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

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

H Stands for high pressure
L ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 13 G.M.T.
" " Sunset 15 59 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 9th March, 1952 3

Area	Index Number	Station	At 1200 on Sunday 8th: Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	At 1800 on Sunday 8th: Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
Mediterranean	62300	SALŪM	140	9	35	03	2	8	As	18.3	17	26	-3	140	9	15	03	2	7	Cu	17.1	16	32	-1	0
	303	SĪDI BARĀNI	150	4	18	02	2	7	AC	19.1	17	34	1	90	7	14	00	1	4	AS	17.4	13	59	5	0
	306	MATRŪH	140	3	18	01	1	4	Ci	16.9	15	48	4	100	8	14	01	2	5	AS, CS	18.3	13	63	6	0
	309	EL DAB'A	160	1	35	02	1	2	Cu	19.6	18	37	3	90	4	7	01	1	3	Cu	19.7	13	55	4	0
		ALEXANDRIA	270	10	50	02	2	7	Sc, Cc	20.8	16	59	8	130	11	35	00	0	0	—	20.6	13	55	4	0
	318	Alex (Airport)	00	0	18	02	2	7	Cu, Sc	20.8	15	55	6	00	0	12	02	2	7	CS	21.3	11	77	7	0
	330	DAMIETTA	320	5	35	02	1	6	St	20.7	16	59	8	40	5		01	0	2	Cu	22.5	13	77	9	0
	333	PORT SAĪD	250	3	30	03	1	6	Sc, Ci	21.2	16	59	8	50	6	18	01	0	0	—	22.2	14	67	8	0
	336	EL 'ARISH	300	4	30	03	2	7	AC	20.8	15	45	3	00	0	14	01	1	0	—	22.2	11	71	6	0
Lower Egypt	339	DAMANHŪR	40	5	15	02	1	2	Cu	21.1	16	49	5	360?	9	7	02	1	1	Cu	21.4	12	77	8	0
	342	MANSŪRA	270	5	35	03	2	6	Sc, Cu	21.5	17	42	4	220?	5		03	2	6	Sc, Cu	21.6	13	67	7	0
	348	TANTA	00	0	35	03	2	5	Cu, Ci	21.3	17	52	7	310	2	35	03	2	7	Sc, Ci	21.2	14	77	10	0
	354	ZAGAZIG	220	1	50	03	1	7	Cu	21.2	16	59	8	00	0	35	02	1	0	—	21.5	13	77	9	0
	440	ISMAĪLIA	290	5	35	03	2	8	AC, Ci	21.0	17	42	4	20	9	35	01	0	0	—	21.5	13	55	4	0
	366	Cairo (Airport)	360	3	18	01	2	3	Cu, Sc	21.8	16	49	5	70	5	12	01	2	3	CS	20.4	14	48	3	0
	372	ALMĀZA	360	7	30	01	2	2	Cu, AC	21.0	18	40	4	20	11	12	01	1	3	Ci	20.5	13	59	5	0
		EZBEKIYA	270	3	18	01	2	3	AC, Ci	21.3	17	42	4	360	4	10	00	1	0	—	20.2	14	55	5	0
		GĪZA	270	3	18	01	2	3	AC, Ci	21.8	18	43	5	360	4	10	00	1	0	—	20.4	14	52	4	0
	378	HELWĀN	00	0	15	01	1	1	Cu	22.3	16	42	3	360	8	15	01	1	3	Ci	19.9	14	48	3	0
	381	FAIYŪM	00	0	35	01	1	2	Ci	21.4	16	49	5	00	0	35	01	0	0	—	20.2	13	55	4	0
	387	MINYA	360	3	12	01	1	3	Ci	20.9	18	30	0	360	5	8	02	1	0	—	20.2	10	71	5	0
	393	ASYŪT MANQABAD	360	5	30	03	1	4	Ci	20.0	18	28	-1	300	2	8	00	1	0	—	20.1	11	58	3	0
	399	NAG' HAMMADI	290	1	7	01	0	2	AC	18.3	22	29	3	00	0		02	1	0	—	20.6	13	55	4	0
	402	QENA	130	1	50	02	1	2	Ci	18.4	22	21	-1	00	0	7	02	1	1	Ci	20.8	14	55	5	0
	405	LUXOR																							
	414	ASWAN	340	5	50	00	0	0	—	16.2	22	29	3	360	5	50	00	0	0	—	17.5	18	28	-1	0
Oases	417	SĪWA																							
	420	BAHARĪYA	90	2	35	02	1	2	Cu	20.6	17	52	7	00	0	15	02	1	0	—	18.6	12	55	3	0
	423	FARAFRA	00	0	35	01	1	0	—	20.8	17	42	4	180	3	15	00	1	0	—	19.9	13	44	1	0
	432	DAKHLA	80	9	50	00	0	0	—	19.1	19	30	1	80	9	35	00	0	0	—	17.9	15	30	-3	0
	435	KHARGA	10	1	15	01	1	2	AC	18.4	18	28	-1	00	0	15	00	0	0	—	17.8	16	49	-5	0
Red Sea	450	SUEZ	40	5	50	03	0	6	Cu	20.7	16	32	-1	00	0	15	01	0	0	—	21.1	14	48	3	0
	459	TOR	310	13	35	03	1	4	Ci	20.2	17	52	7	40	13	15	02	0	0	—	20.3	13	55	4	0
	462	HURGHADA	340	11	30	02	0	3	Ci	19.4	16	49	5	270	6	12	02	0	0	—	20.0	13	41	0	0
	465	QUSEIR	360	13	15	02	0	0	—	18.4	18	37	3	330	5	15	02	0	0	—	20.2	17	37	2	0
	641	PORT SUDĀN	40	14	30	02	1	3	Sc, Cu	14.5	26	48	14												
Northern Sudan	600	WĀDI HALFA	30	10	30	02	0	0	—	14.8	23	14	-6												
	640	ABU HAMAD	50	4	30	01	0	0	—		30	9	-7												
	660	KAREIMA	40	9	30	02	0	0	—	11.3	29	10	-6												
	680	ATBARA																							
	721	KHARTUM	50	14	30	02	0	0	—	7.3	33	13	1												
	730	KASSALA	50	7	30	02	0	0	—	4.3	35	30	15												
Central Sudan	751	WAD MEDANI	340	9	35	02	0	0	—	5.7	35	10	-1												
	801	RENK																							
	802	ROSEIRES	310	24	35	02	0	0	—		38	18	10												
	771	EL OBEID	40	10	30	02	0	0	—	7.4	31	26	9												
	760	EL FĀSHER	50	4	30	02	0	0	—		24	11	-5												
	770	GENEINA	50	7	30	03	0	3	Ci		33	7	-7												
Southern Sudan	840	MALAKĀL	50	12	30	02	2	7	AC	3.9	37	11	1												
	880	WĀU	70	5	10	04	0	0	—	3.4	32	13	0												
	941	JUBA	80	5	30	03	0	6	Cu	2.3	37	24	13												

At 0600 on Monday 9th March, 1953

Wind 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
140	13	15	03	2	8	AS	14.3	-2.1	13	17	-3	9	-1	44	1	0	22		SALUM
130	13	15	02	2	7	AC, Ci	16.0		12	17		12		55	3	0	93		SĪDI BARĀNI
110	13	18	01	2	7	Sc, AC	16.7	0.0	12	18		11		67	6	0	44		MATRŪH
120	6	15	03	2	6	SC	18.4		12	19		8		77	8	0	86		EL DAB'A
130	16	35	03	4	8	Cu, AS	19.9	+3.6	11	17	-4	10	-2	77	7	0	112	173	ALEXANDRIA
100	9	8	03	2	8	AC, CS	19.8	+3.1	11	16	-4	11	0	82	8	0	110	134	Alex (Airport)
140	5		03	2	8	SC	21.1	+5.1	13	16	-3	11	+1	88	11	0	52	94	DAMIETTA
100	15	12	03	2	7	Sc, Ci	21.0	+4.6	14	18	-1	9	-4	77	10	0	58		PORT SAĪD
100	2	30	02	2	6	AC, CS	21.1	+4.5	11	16		7		63	4	0	37		EL 'ARISH
130	13	7	02	2	8	SC	20.3	+4.0	10	17	-5	9	0	82	7	0	Rain	86	DAMANHŪR
40?	8	15	03	2	8	SC	21.1	+4.9	11	18	-4	9	0	77	7	0	39	43	MANSŪRA
130	2	35	03	2	8	Cu	20.0	+3.2	11	19	-4	8	0	77	7	0	15	33	TANTA
40	2	35	02	2	8	SC	19.8	+3.3	11	19	-4	8	0	63	4	0	26	22	ZAGAZIG
90	13	35	03	2	8	AS	19.9		12	18		8		55	3	0	29		ISMAĪLIA
90	8	13	03	2	8	AC	20.6		11	18		9		58	3	0	6		Cairo (Airport)
90	12	18	03	2	8	AC, CS	20.5	+3.4	11	18	-4	10	-1	58	3	0	8		ALMĀZA
20	1	8	02	2	8	Sc, AS	20.0	+3.4	12	19	-5	10	0	55	3	0	15	20	EZBEKIYA
20	1	8	02	2	8	Sc, AS	19.2?	+2.4	13	20	-3	11	+3	51	3	0	43	19	GĪZA
70	3	15	22	2	8	AS, CS	19.8	+3.1	13	17	-6	10	0	44	1	0	3	21	HELWĀN
00	0	35	02	2	7	St	19.5	+3.0	11	19	-5	6	-3	51	1	0	13	7	FAIYŪM
00	0	8	03	0	2	Ci	19.1	+1.1	9	19	-5	2	-5	62	2	0	1		MINYA
00	0	6	03	0	1	CS	19.1	+2.3	9	19	-5	5	-3	58	1	0	2		ASYŪT MANQABAD
00	0		01	0	3	As	18.6	+2.4	11	24	-2	4	-4	63	4	0	0.1		NAG' HAMMADI
180	1	35	00	0	0	—	18.6	+3.3	15	24	-5	6	-5	30	-3	0	2		QENA
40	5	30	00	0	0	—	18.9	+3.0	11			5		47	0	0	1		LUXOR
20	4	50	00	0	0	—	18.2	+2.6	15	23	-6	10	-4	39	1	0	0.1		ASWAN
																		7	SĪWA
90	3	35	02	1	2	AC	19.0	+1.9	10	18	-6	4	-4	76	6	0	dr.	7	BAHARĪYA
00	0	35	03	0	2	Ci	18.0		7	17		3		57	-1	0	0		FARAFRA
00	0	50	00	0	0	—	18.2	+1.4	8	21	-6	4	-5	46	-3	0	0		DAKHLA
00	0	35	00	0	0	—	18.6	+2.3	10	19	-9	5	-5	38	-4	0	0		KHARGA
310	5	35	00	0	5	SC	20.0	+4.0	12	18	-5	6	-6	55	3	0	42	13	SUEZ
40	5	35	02	0	0	—	19.5	+4.3	13	18	-5	7	-5	67	7	0	Rain	12	TOR
260	4	18	02	0	0	—	19.0	+3.2	14	13	-4	7	-4	55	5	0	7		HURGHADA
330	5	15	02	0	0	—	18.8	+4.2	16	19	-6	12	-4	49	5	0	8	4	QUSEIR
																			PORT SUDĀN
																			WĀDI HALFA
																			ABU HAMAD
																			KAREIMA
																			ATBARA
20	10	30	02	0	0	—	11.6		23	35		19		24	1	0			KHARTUM
50	13	30	02	0	0	—	8.9		28	36		20		45	15	0			KASSALA
360	9	50	02	0	0	—	10.7		23	36		17		47	11	0			WAD MEDANI
																			RENK
310	2	35	02	0	1	Ci	8.7		27	39		21		40	12	0			ROSEIRES
360	8	30	02	0	0	—	12.1		22	32		16		9	-12	0			EL OBEID
00	0	30	03	0	1	Ci			17	31		12		22	-5	0			EL FĀSHER
																			GENEINA
360	14	30	01	2	5	AC	8.7		28	38		21		19	2	0			MALAKĀL
																			WĀU
360	8	30	01	1	3	As, Ci	9.1		29	39		22		40	14	0			JUBA

HUMIDITY
Mean of day

Station	on 8th	Diff. from normal
Alexandria	55	-10
Ezbekiya	54	-6
Giza	50	-15
Helwan	51	+4

GIZA
Grass Minimum Temp.
9th 6.5 °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

Cairo Airport — On 9th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	178	16		50	4
950					
900					
850	1528	8		10	4
800					
700	3118	2		250	12
600					
500	5748	-15		250	28
400	7396	-27			
300	9400	-43			

Airport — On At

Pressure 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		Alex. A.P.		Almaza		Dakhla		Port Said		El Arish		Minya		Asyut		Aswan		Kharga		Hurghada		S. Barani		Farafra	
Time	14		14		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	70	7	320	5	50	8	110	7	340	3	330	9	330	10	10	12	340	13	40	15	350	17	100	9	100	11
600	130	6	220	2	60	10	100	11	320	2	250	8	270	3	350	4	350	11	50	17	320	13	150	14	80	12
1000	170	13	140	5	70	10	90	11	260	3	230	7	30	10	20	9	360	11	50	14	290	12	170	14	80?	8
1500	180	17	170	7	30	4	100	9	270	8	220	11	50	10	270	3			360	11	250	9	160	25	140?	14
2000	200	12			310	9			260	10	310	11	210	7	210	4					300	15	200	19		
3000	200	[illegible]									290	17	210	7	280	11					280	16	230	16		
4000	240	14											270	17	260	21										
5000	230	16											260	28												
6000	240	25																								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sīdi Barāni		Matrūh		Alex Airport		Port Saīd		El 'Arīsh		Helwan		Minya		Asyūt Manqabād		Luxor		Aswan		Hurghada		Almaza	
Time			8		8		8				7		8		8		2				9		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			110	28	100	15	80	16			90	6	160	10	160	9	40	11			60	3	130	8
600			120	27	100	18	90	17			120	10	170	13	170	14	60	11			140	7	150	7
1000			120	30	90	15	90	12			180	2	170	16	160	7	10	7			150	4	160	7
1500			160	18	170	12	120	3			210	12	190	17	170	7	100	7			190	6	200	10
2000					220	17	190	12			230	16	220	22	220	10	340	[illegible]			280	6	220	14
3000					250	17	220	28			260	27			270	11	250	14			270	6	240	34
4000					260	31	250	42			260	36			280	19					280	14	260	22
5000					300	14					250	58									260	36		
6000																					280	50		
7000																								
8000																								

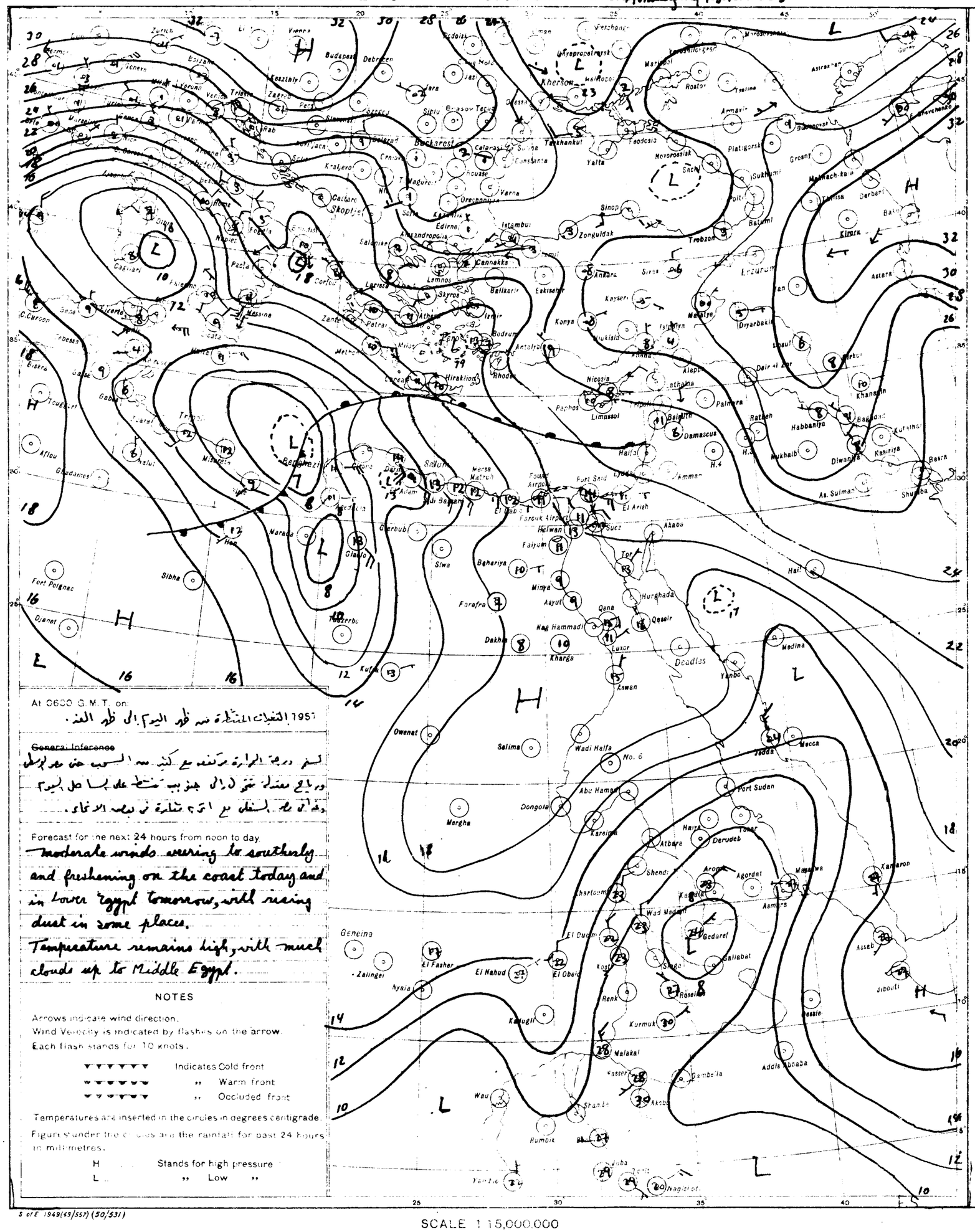
Station	Siwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abu Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fasher		Malakāl	
Time					8		8																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					150	7	120	3																
600					170	19	150	12																
1000					180	22	170	12																
1500					210	18	170	10																
2000							180	9																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.66 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours [illegible] than the Egyptian standard time.

Note All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 9/3/1953



At 0600 G.M.T. on:

التغيرات المنتظرة من ظهر اليوم الى ظهر الغد. 1953

~~General Inference~~

لسخن درجة الحرارة مرتفعة مع كثير من السحب حتى على الوجه البحري ورياح معتدلة تتحول الى جنوبية منتظمة على الساحل البحري وقد تهب على السفلى مع اتربة متناثرة في بعض الاحيان.

Forecast for the next 24 hours from noon to day.

Moderate winds veering to southerly and freshening on the coast today and in Lower Egypt tomorrow, with veering dust in some places.

Temperature remains high, with much clouds up to Middle Egypt.

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ ,, Warm front

▼▼▼▼▼▼ ,, Occluded front

Temperatures are inserted in the 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

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

AMOUNT OF CLOUD

Cloudless	0
1-2 ,, ,, covering 1/8th of sky	1
2/8 th ,, ,,	2
3/8 ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,,	5
6/8 ,, ,, ,,	6
7/8 ,, ,, ,,	7
Sky completely covered	8
,, obscured by fog, or the 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 12 G. M. T.
" " Sunset 16 00 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 10th March, 1952 3

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	140	19	15	07	2	8	Cs	10.8	18	28	-1
	303	SIDI BARANI	150	20	1.5	07	2	8	As	11.1	19	21	-4
	306	MATRUH	100	21	6	07	2	8	As, Ci	12.8	19	30	1
	309	EL DABA	140	10	35	03	2	7	St	14.8	20	24	-1
		ALEXANDRIA	130	22	50	02	2	8	Cc	16.0	18	37	3
	318	FOUAD (Airport) Alex	120	6	18	02	2	8	Ac, Ci	16.6	18	43	5
		DAMIETTA	140	5	7	02	2	8	Sc	16.5	16	77	12
	333	PORT SAID	100	17	14	03	2	8	As, Cs	17.2	17	68	11
	336	EL ARISH											
Lower Egypt		DAMANHUR	130	9	15	02	1	7	AC	17.4	18	46	6
		MANSURA	40	9	15	03	2	8	St	17.0	19	46	7
	345	TANTA	00	0	35	03	2	8	Cs				6
	354	ZAGAZIG	40	2	50	02	2	8	Sc	16.7	19	46	1
		ISMAILIA	160	2	35	02	2	8	As	16.8	21	26	1
Cairo		FAROUK (Airport) Cairo	00	0	18	02	2	7	AC	16.4	23	19	-2
		ALMAZA	290	7	18	02	2	7	Ac, Cs	16.3	22	21	-1
		EZBEKIYA	270	4	14	02	2	8	Cs	15.9	22	23	0
		GIZA	270	4	14	02	2	8	Cs	16.2	24	34	7
		HELWAN	00	0	15	02	2	8	AC	16.8	21	26	1
Upper Egypt		FAIYUM	00	0	35	02	2	7	St	16.2	24	26	3
		MINYA	170	2	8	02	1	2	Ci	16.2	26	25	4
		ASYUT MANQABAD	70	2	8	03	1	3	Ci	15.8	25	26	4
		NAG HAMMADI	20	1	7	01	0	2	AC	15.1	27	27	6
		QENA	270	1	50	00	0	0	—	15.1	29	19	3
		LUXOR	320	4	30	00	0	0	—	14.5	27	19	1
		ASWAN	340	8	50	01	1	1	Ci	13.3	29	14	-1
Oases		SIWA											
		BAHARIYA	180	2	35	02	1	5	AC	15.6	25	42	11
		FARAFRA	300	5	35	00	1	0	—	15.1	27	9	-8
		DAKHLA	140	11	50	00	0	0	—	14.3	27	9	-8
		KHARGA	00	0	35	00	0	0	—	14.3	28	16	0
Red Sea		SUEZ	220	5	50	03	0	6	Sc	16.7	20	24	-1
		TOR	180	5	35	03	1	4	Ci	16.6	24	47	12
		HURGHADA	360	1	30	02	0	2	Ci	16.7	20	46	8
		QUSEIR	20	9	15	02	0	0	—	16.7	22	57	13
		PORT SUDAN	40	14	30	02	2	7	Sc, Ci	13.2	24	79	20
Sudan		WADI HALFA	350	8	30	03	0	1	Ci	13.3	31	8	-7
		ABU HAMAD	50	1	30	02	0	0	—		34	12	1
		KAREIMA	30	9	30	02	0	0	—	8.4	34	15	4
		ATBARA	120	10	30	03	0	0	—	6.9	35	15	5
		KHARTUM	10	1	30	02	0	0	—	5.3	36	19	9
		KASSALA	20	6	30	02	0	0	—	2.9	39	17	10
Central Sudan		WAD MEDANI			15	02	0	0	—	3.2	40	21	14
		RENK	310	19	35	02	0	3	AC	4.1	39	23	14
		ROSEIRES	50	4	35	02	0	0	—	1.9	41	18	12
		EL OBEID	50	12	30	02	0	2	Ac, Ci	5.8	35	9	-3
		EL FASHER											
		GENEINA	70	6	50	02	0	1	Cs		36	10	0
South Sudan		MALAKAL	20	3	30	01	0	0	—				6
		WAU	90	12	10	04	0	1	Ac	3.7	38	9	-1
		JUBA	50	10	50	03	0	0	—				14

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	180	5	15	03	2	8	Cs	9.4	20	17	-6	0
SIDI BARANI	90	4	14	02	2	8	As	9.9	18	43	5	0
MATRUH	100	13	10	02	2	8	As	11.9	16	77	12	0
EL DABA		5	7	03	2	8	St	15.3	16	59	8	0
ALEXANDRIA	130	16	35	02	2	8	As	15.5	16	19	5	0
FOUAD (Airport) Alex	00	0	12	01	2	6	Sc	15.3	15	68	9	0
DAMIETTA	40	5		02	2	8	Sc	16.8	15	77	11	0
PORT SAID	100	13	14	01	2	5	Ac, Ci	16.6	15	77	11	0
EL ARISH												
DAMANHUR	130	9	15	02	1	3	AC	16.0	13	67	7	0
MANSURA	40	5		00	1	0	—	16.2	14	77	10	0
TANTA	00	0	35	03	2	8	St	15.0	15	68	9	0
ZAGAZIG	00	0	35	02	1	0	—	15.9	16	59	8	0
ISMAILIA	160	2	35	02	2	8	As	15.8	17	42	4	0
FAROUK (Airport) Cairo	00	0	12	01	2	4	Ci	15.8	19	28	0	0
ALMAZA	110	6	12	01	3	7	AC	15.1	19	30	1	0
EZBEKIYA	340	6	10	01	2	6	Cs	15.4	18	52	8	0
GIZA	340	6	10	01	2	6	Cs	15.4	15	59	7	0
HELWAN	40	8	7	01	1	0	—	15.2	19	23	-3	0
FAIYUM	00	0	35	01	1	4	St	14.4	18	46	6	0
MINYA	00	0	8	01	1	0	—	15.2	17	49	6	0
ASYUT MANQABAD	160	3	8	00	2	0	—	14.9	21	28	2	0
NAG HAMMADI	00	0		01	0	0	—	15.1	17	42	4	0
QENA	00	0	7	00	0	0	—	14.7	19	46	7	0
LUXOR	00	0	12	00	0	0	—	14.0	20	21	-3	0
ASWAN	00	0	50	00	0	0	—	12.8	25	17	-2	0
SIWA	250	2	6	02	2	8	Cs	13.2	21	26	1	0
BAHARIYA	00	0	15	02	1	1	Cu	13.5	20	26	0	0
FARAFRA	110	8	15	00	0	0	—	13.6	20	17	-6	0
DAKHLA	160	9	7	00	0	0	—	13.5	22	21	-1	0
KHARGA	00	0	15	00	0	0	—	13.6	20	24	-1	0
SUEZ	00	0	15	01	0	0	—	16.3	15	59	7	0
TOR	00	0	15	03	1	4	Ci	16.2	18	73	13	0
HURGHADA	00	0	12	02	0	0	—	16.6	16	59	8	0
QUSEIR	330	2	15	02	0	0	—	15.6	20	56	11	0

At 0600 on Tuesday 10th March, 1953

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	220	19	15	00	0	0	—	9.5	-6.9	13	21	0	12	+2	55	4	0	2[illegible]	
SIDI BARANI	210	9	18	02	0	0	—	10.5		14	21		12		55	5	0	93	
MATRUH	250	11	18	01	1	2	AC	10.6	-6.1	15	20		13		59	7	0	44	
EL DABA	220	3	15	02	1	4	Cb	11.2		16	20		12		64	9	0	86	
ALEXANDRIA	130	5	35	02	4	7	Sc, Ac	12.4	-3.8	17	19	-2	13	+1	52	7	dr.	112	174
FOUAD (Airport) Alex	00	0	12	02	8	6	Sc, Ac	12.3	-4.4	15	19	-1	10	-1	68	9	dr.	110	134
DAMIETTA	340	5		02	2	8	Sc	12.4	-3.6	16	18	-1	12	+2	68	10	0	52	94
PORT SAID	160	10	12	03	6	6	AC	12.7	-3.7	17	17	-2	14	+1	56	8	dr	58	
EL ARISH	130	5	18	50	5	7	Cu, Sc	13.5	-3.1	16			12		56	7	dr.	37	
DAMANHUR	90	9	15	02	2	6	AC	12.8	-3.5	15	19	-3	10	+1	68	9	0	Rain	86
MANSURA	140	3	35	03	2	6	Sc, Cu	13.0	-3.2	15	20	-3	12	+3	59	7	0	39	43
TANTA	180	2	35	03	6	8	Sc, Cu	12.6	-4.2	16	19	-4	10	+2	49	5	dr.	15	33
ZAGAZIG	00	0	35	02	2	8	Cu	12.7	-3.7	15	21	-2	10	+2	52	5?	0	26	22
ISMAILIA	180	2	35	21	6	8	AS	13.4		17	24		11		52	7	dr.	29	
FAROUK (Airport) Cairo	150	8	14	60	6	7	Ns	13.4		21	24		14		31	3	dr.	6	
ALMAZA	150	16	12	60	6	6	Cb, As	12.6	-4.5	22	24	+2	15	+4	16	-5	dr.	8	
EZBEKIYA	230	2	10	20	5	5	Ac	12.6	-4.0	18	24	0	15	+5	34	2	dr.	15	20
GIZA	230	2	10	20	5	5	AC	12.4	-4.4	19	25	+2	13	+5	24	-2	dr.	43	20
HELWAN	00	0	7	20	5	7	AC	13.1	-3.5	22	24	+1	18	+7	16	-5	dr.	3	21
FAIYUM	00	0	35	02	2	7	St	12.8	-2.7	20	26	+1	10	+1	41	6	0	13	7
MINYA	160	5	8	03	1	3	AC	14.3	-3.6	16	28	+4	11	+4	52	6	0	1	
ASYUT MANQABAD	60	2	6	10	0	0	—	14.5	-2.2	15	28	+4	10	+2	39	1	0	2	
NAG HAMMADI	110	2		01	0	2	AS	15.6	-0.6	16	29	+3	9	+1	49	5	0	0.1	
QENA	320	1	35	00	0	0	—	15.2	-0.1	20	31	+2	8	-3	41	6	0	2	
LUXOR	00	0	30	02	2	2	Ci	15.1	-0.8	16	29		8		39	2	0	1	
ASWAN	00	0	50	01	1	0	—	14.3	-1.2	20	30	+1	14	0	24	-1	0	0.1	
SIWA	310	5	14	03	1	4	Sc, Ac	14.2	-4.0	16	27	+3	15	+7	56	7	0	2	7
BAHARIYA	120	2	35	02	2	6	AC	13.6	-3.5	20	26	+2	15	+8	46	8	0	dr.	7
FARAFRA	00	0	35	01	1	2	Ac, Ci	14.3		13	30		10		24	-7	0	0	
DAKHLA	180	4	50	00	0	0	—	14.7	-2.1	15	30	+3	7	-2	30	-3	0	0	
KHARGA	00	0	35	02	1	1	Ci	15.4	-0.9	16	29	+1	10	0	24	-5	0	0	
SUEZ	180	6	35	00	0	5	Cu	13.5	-2.5	20	22	-1	9	-3	41	6	0	42	13
TOR	40	2	35	01	1	3	AC	15.2	+0.1	19	26	+2	14	+2	52	9	0	Rain	12
HURGHADA	270	2	30	02	0	0	—	14.7	-1.0	18	22	0	11	0	28	-1	0	7	
QUSEIR	330	5	15	02	0	0	—	15.0	+0.4	19	23	-2	15	-1	37	4	0	8	4
PORT SUDAN	340	7	30	02	2	6	Sc	14.6		24	27		22		79	20	0		
WADI HALFA	360	2	30	02	0	0	—	13.3		17	32		13		15	-10	0		
ABU HAMAD	00	0	30	02	0	0	—			22	36		17		19	-3	0		
KAREIMA	30	5	30	02	0	0	—	11.2		21	35		18		12	-5	0		
ATBARA	40	6	30	02	0	0	—	10.7		23	37		19		44	10	0		
KHARTUM	20	9	30	02	0	0	—	8.6		26	38		22		35	9	0		
KASSALA	90	7	30	02	0	0	—	7.5		30	39		20		24	7	0		
WAD MEDANI	50	9	50	02	0	0	—	8.6		26	41		20		45	13	0		
RENK																			
ROSEIRES	310	2	35	02	0	0	—	7.5		29	41		22		35	12?	0		
EL OBEID	60	10	30	03	0	1	Ac, Ci	9.2		25	36		20		19	0?	0		
EL FASHER	00	0	30	02	0	1	Ci			20	36		16		21	-3	0		
GENEINA	70	6	30	02	0	2	Ci			19	38		15		30	1	0		
MALAKAL	350	8	30	03	1	3	AC	7.3		27	40		23		28	7	0		
WAU	00	0	10	04	0	0	—	8.2		25	40		21		42	11	0		
JUBA	180	2	30	04	2	8	Cs	9.0		29	40		21		43	15	0.1		

HUMIDITY

Station	9th	
Alexandria	60	-5
Ezbekiya	48	-12
Giza	50	-14
Helwan	26	-21

GIZA

On 10th 11.6

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent: On At

RAWINSONDE

Cairo Airport On 9th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	148	22		170	2
950					
900					
850	1533	14		210	19
800					
700	3144	3		230	23
600					
500	5779	-16		260	48
400	7458	-21		260	71
300	9620	-38		260	90

Remarks

UPPER WIND OBSERVATIONS on 9th

Station	Matruh		Port Said		Minya		Asyut		Aswan		Dakhla		Almaza		Alex. A.P.		S. Barani		Farafra		Kharga	
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	130	13	120	10	140	6	120	7	350	12	150	9	230	5	130	12	150	17	170	4	160	3
600	160	17	130	9	200	8	150	7	10	16	170	10	200	9	150	12	160	17	170	5	170	6
1000	170	23	140	7	190	12	210	7	40	12	180	13	180	16	180	14	170	26	200	10	150	9
1500	190	31	150	5	340	17	220	12	40	9	220	11	220	37	230	17	200	28	210	14	150	3
2000			220	5	330	26	230	12	360	6	200	3			230	13			200	15		
3000			160	5	310	17													250	12		
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		Farafra	
Time	8		8								7		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	240	17	270	12							170	5	150	13	140	10	60	4					200	10
600	260	29	230	17							190	16	170	23	160	18	120	4					190	2
1000	260	31	240	23							190	17	190	21	160	12	110	10					190	17
1500	270	24	240	32									220	20	190	9	70	10					190	13
2000													250	19	210	12	70	3						
3000															270	3	290	7						
4000															280	22								
5000															290	30								
6000																								
7000																								
8000																								

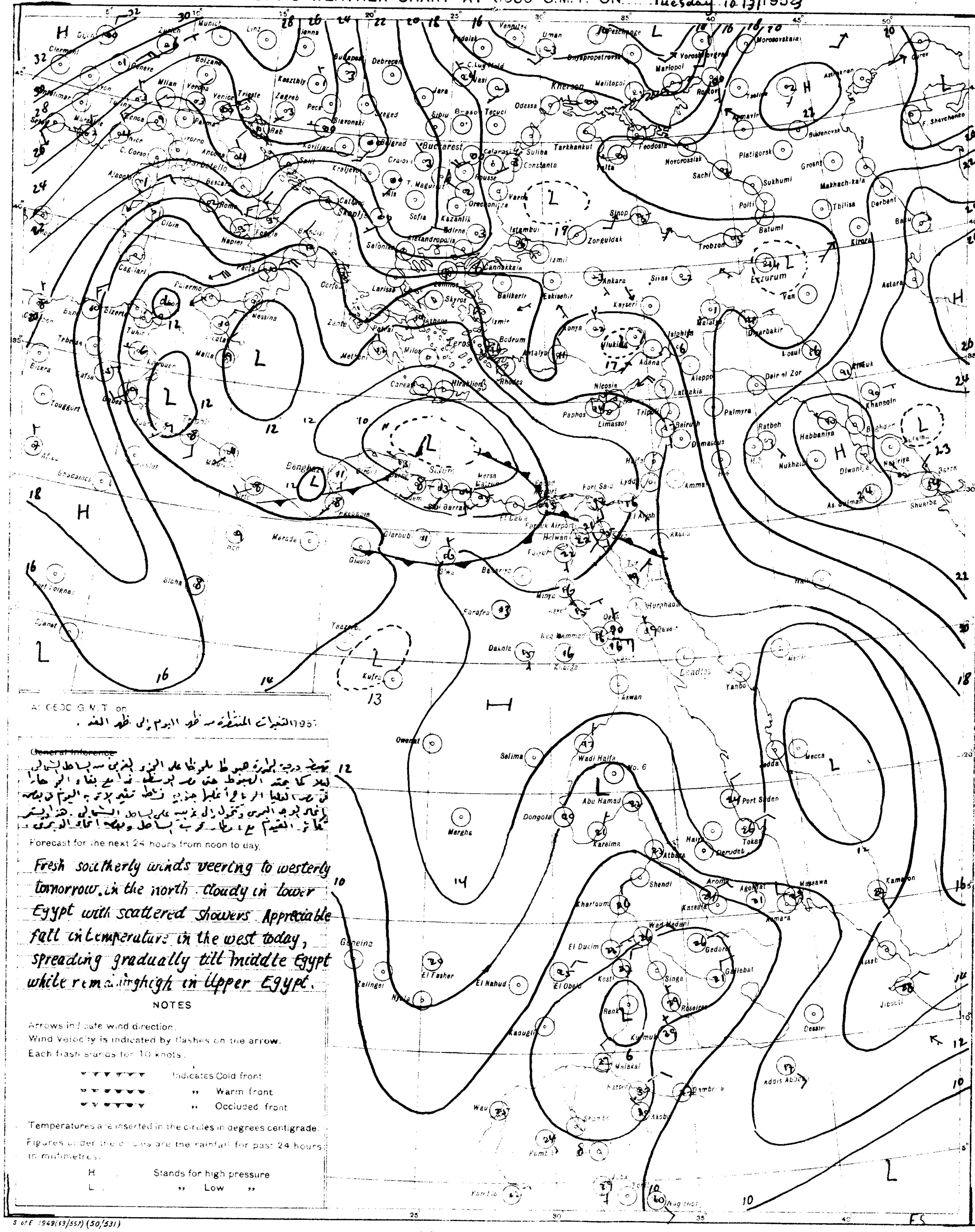
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8		5		4		4										4	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	23	200	19	130	9	40	2	40	7														
600	300	23	210	19	170	13	150	5	70	17	50	16	50	22									10	22
1000	260	21	210	11	180	15	140	10	60	11	40	11	40	18									30	32
1500	240	26	220	13	180	13	150	9	50	17	330	11	350	13									50	33
2000	260	43	210	30			160	7																
3000							290	19	320	11	300	26	310	29									90	9
4000																								
5000									270	9	180	10												
6000									280	15	330	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.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 10/3/1953



At 0600 G.M.T. on ...1953 التغيرات المنتظرة من ظهر اليوم إلى ظهر الغد.

~~General Inference~~

تهبط درجة الحرارة هبوطا ملحوظا على الجزء الغربي من الساحل الشمالي
اليوم كما يمتد الهبوط حتى مصر الوسطى مع بقاء الحرارة
في مصر العليا. الرياح أغلبها جنوبية نشطة تتغير إلى غربية اليوم في الوجه
البحري [illegible] وتتحول إلى غربية على الساحل الشمالي. هذا ويستمر
[illegible] الغيوم مع أمطار قرب الساحل وبعض أنحاء الوجه البحري.

Forecast for the next 24 hours from noon to day.

Fresh southerly winds veering to westerly tomorrow in the north. Cloudy in lower Egypt with scattered showers. Appreciable fall in temperature in the west today, spreading gradually till middle Egypt while remaining high in Upper Egypt.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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	2[illegible]
	Thunderstorm	29
Duststorm or Sandstorm		3[illegible]
Fog		45
Drizzle		50
Rain		6[illegible]
Showers of rain		[illegible]
,, ,, hail		[illegible]
Rain / Hail	Thunderstorm during the past hour	[illegible]
Thunderstorm with rain		[illegible]
,, hail		[illegible]
,, Sandstorm		[illegible]

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	[illegible]
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	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 th 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 mist, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise ... G. M. T.
" " Sunset ... G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: *Wednesday 11th March, 1953*

At 1200 on Tuesday 10th / At 1800 on Tuesday 10th

Index	Station	1200 Wind Dir.	1200 Vel. (knots)	1200 Vis. (km)	1200 Present Wx	1200 Past Wx	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. M.S.L. mbs	1200 Temp. °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Dir.	1800 Vel.	1800 Vis.	1800 Present Wx	1800 Past Wx	1800 Cloud Amount	1800 Cloud Form	1800 Bar. M.S.L. mbs	1800 Temp.	1800 Humidity	1800 Dew Point	Rain past 12 hrs mms
62300	SALÛM	220	19	35	00	0	0	—	9.1	23	18	-3	290	13	15	00	0	0	—	8.8	13	38	-1	0
303	SÎDI BARÂNI	270	17	18	02	0	1	Cs	9.2	22	25	1	00	0	18	01	0	0	—	9.5	15	77	11	0
306	MATRÛH	270	11				3	Ac, Cs	8.9	22	36	6	130	4	10	01	1	3	Ac	8.1	15	59	7	0
309	EL DABʻA	250	7	35	02	1	5	Sc, Cu		25	22	2	160	3	7	02	1	4		9.5	19	52	9	0
	ALEXANDRIA	270	7	50	80	8	3	Sc	11.0	20	41	6	00	0	35	01	5	3	Ac	10.3	19	46	7	dr
318	Aboq. (Airport)	300	5	10	02	8	7	Ac	10.6	22	31	4	00	0	10	02	5	6	Ac	10.3	16	68	10	0.1
330	DAMIETTA	140	2	7	02	2	8	Sc	10.6	21	65	14	320	2	7	01	1	4	Sc	10.3	17	77	13	0
333	PORT SAʻÎD	90	8	30	03	1	7	Ac	11.5	18?	83	15	90	4	10	02	2	5	Ac	10.2	16	88	14	0
336	EL ʻARÎSH	360	4	30	01	2	1	Ci	11.2	24?	41	10	00	0	14	01	8	1	As	10.5	22	41	8	dr
	DAMANHÛR	270	9	15	01	1	4	Ac	11.5	27	35	10	270	9	15	03	1	5	Ac	10.0	18	60	10	0
	MANSÛRA	220	5	35	03	2	8	St	11.1	26	37	10	360	5		03	2	8	St	10.4	20	46	8	0
345	TANTA	00	0	35	03	2	8	As	11.6	26	37	10	00	0	35	03	2	6	Sc, Cu	11.0	20	46	8	0
354	ZAGAZIG	00	0	50	02	2	8	Sc	11.2	27	37	11	00	0	35	02	2	0	—	11.0	20	64	13	0
	ISMAILIA	250	2	35	02	2	8	As	11.4	29	8	-9	180	2	35	03	1	6	Ac	11.0	20	41	6	0
	Cairo (Airport)	250	11	18	03	2	8	Ac	11.9	28	8	-9	150	6	12	01	2	0	—	10.5	23	50	12	0
	ALMAZA	210	19	30	02	2	8	As	11.7	28	8	-10	140	11	12	01	2	2	Sc	10.6	25	16	-3	0
	EZBEKIYA	00	0	18	02	1	5	Sc, As	11.5	28	22	4	00	0	10	01	5	2	Sc	10.7	22	36	6	dr
	GIZA	00	0	18	02	1	5	Sc, As	11.1	28	23	5	00	0	10	01	5	2	Sc	10.2	21	28	2	dr.
	HELWÂN	180	5	15	02	2	8	As	11.2	28	16	0	110	8	15	01	1	3	Ac	10.3	25	11	-8	0
	FAIYÛM	00	0	35	02	2	7	St	11.8	30	25	8	00	0	35	01	0	0	—	10.0	19	43	6	0
	MINYA	160	6	8	02	1	1	Ci	11.7	32	17	4	00	0	8	01	1	0	—	10.5	21	38	6?	0
	ASYÛT MANQABAD	100	7	18	02	0	0	—	11.6	34	12	0	170	6	12	02	0	0	—	10.7	25	16	-3?	0
	NAG HAMMADI	110	1	7	01	0	2	Ci	10.8	30	17	2	00	0		01	0	2	Ac	11.9	21	41	7	0
	QENA	220	1	50	00	0	0	—	11.5	33	36	16	00	0	7	00	0	0	—	11.1	22	44	9?	0
	LUXOR	90	2	30	02	1	2	Ci	11.0	32	17	4	180	4	12	00	1	0	—	10.8	24	14	-6	0
	ASWÂN	290	1	50	01	1	3	Ci	10.0	32	20	6	00	0	50	00	0	0	—	10.4	28	22	4	0
	SIWA	310	7	14	03	8?	4	Sc, Ac	12.6	24	34	7	00	0	18	01	8?	0	—	12.4	19	52	9	dr.
	BAHARÎYA	220	3	35	02	1	1	Ac	11.6	33	20	7	220	1	15	02	2	3	Ac	11.4	24	38	9	0
	FARAFRA	200	10	35	00	1	0	—	11.0	34	6	-8	00	0	15	00	0	0	—	10.3	26	7	-12	0
	DAKHLA	160	9	50	00	0	0	—	11.2	33	8	-5	180	9	35	00	0	0	—	10.7	25	11	-8	0
	KHARGA	00	0	35	02	1	3	Ci	10.7	34	10	-2	00	0	15	00	1	0	—	10.7	25	11	-8	0
	SUEZ	180	6	50	02	0	5	Cu	11.2	24	32	6	180	3	15	01	0	0	—	11.0	22	29	3	0
	TOR	140	2	35	02	0	0	—	13.2	24	61	16	40	9	35	02	0	0	—	11.9	20	73	15	0
	HURGHADA	60	1	30	02	0	0	—	12.2	26	42	12	00	0	12	02	0	0	—	12.1	20	30	2	0
	QUSEIR	20	13	15	02	0	0	—	11.9	23	50	12	330	2	15	02	0	0	—	12.0	22	57	13	0
	PORT SUDÂN	40	11	30	02	1	2	Cu	11.2	27	70	21												
600	WÂDI HALFA	360	9	30	02	0	1	Ci	8.7	34	18	6												
	ABU HAMAD	360	1	30	02	0	0	—		36	14	5												
	KAREIMA	360	6	30	02	0	0	—	6.9	37	13	4												
	ʻATBARA	360	8	30	02	0	0	—	5.2	38	15	7												
	KHARTUM	20	19	15	10	4	0	—	3.6	40	9	1												
	KASSALA	20	7	30	02	0	0	—	1.9	41	11	5												
	WAD MEDANI	360	13	35	02	0	0	—	2.1	41	7	-2												
	RENK	90	24	35	02	0	2	Ci		42	17	12												
802	ROSEIRES																							
	EL OBEID	50	17	30	01	0	0	—	3.4	37	7	-5												
	EL FASHER	90	5	30	02	0	0	—		37	14	6												
	GENEINA	80	2	30	03	1	3	Cu, Ci		37	11	1												
840	MALAKAL	190	19	10	04	0	0	—	2.0	39	32	19												
880	WAU																							
941	JUBA																							

At 0600 on Wednesday 11th March, 1953

Wind Dir.	Vel. (knots)	Vis. (km)	Present Wx	Past Wx	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	Station
250	19	15	00	0	0	—	11.0	-5.4	11	25	+4	10	0	63	4	0	23		SALUM
240	9	18	02	0	0	—	10.6		12	23		10		72	7	0	93		SÎDI BARÂNI
230	15	12	00	0	0	—	10.2	-6.5	13	26		10		63	6	0	44		MATRÛH
270	10	15	00	0	0	—	10.3		14	25		10		77	10	0	86		EL DABʻA
290	16	50	00	0	0	—	10.7	-5.5	16	24	+3	15	+3	77	12	dr	112	174	ALEXANDRIA
230	12	8	05	0	0	—	10.8	-5.8	16	25	+5	13	+2	77	12	0.1	110	134	Aboq. (Airport)
250	2	7	00	0	0	—	10.2	-5.8	17	22	+3	12	+2	68	11	0	52	95	DAMIETTA
290	6	8	01	1	3	Ac	9.7	-6.6	16	22?	+3	15	+2	82	13	0	58		PORT SAʻÎD
250	3	30	01	1	4	Ns	8.4	-8.2	18	30?		15		56	9	dr.	37		EL ʻARÎSH
220	5	15	02	0	0	—	10.8	-5.5	14	28	+5	11	+2	77	10	0	Rain	87	DAMANHÛR
230	5	35	00	1	0	—	10.6	-5.5	16	27	+4	14	+5	59	8	0	39	44	MANSÛRA
270	2	35	02	0	0	—	10.8	-6.0	16	29	+6	11	+3	77	12	0	[illegible]	33	TANTA
00	0	35	02	0	0	—	10.4	-6.0	15	30	+7	12	+4	77	11	0	26	22	ZAGAZIG
290	2	35	01	1	5	Ac	10.7		18	30		13		52	8	0	29		ISMAILIA
290	3	12	02	0	0	—	10.9		18	30		14		52	8	0	6		Cairo (Airport)
270	8	12	00	0	0	—	11.1	-5.9	18	29	+6	13	+2	46	6	0	8		ALMAZA
290	2	10	00	0	0	—	11.6	-4.9	17	30	+6	13	+2	52	7	dr	15	20	EZBEKIYA
290	2	10	00	0	0	—	11.2	-5.6	17	30	+6	11	+3	28	8	dr.	43	20	GIZA
320	3	3	05	0	0	—	11.6	-5.0	17	29	+6	15	+4	52	7	0	3	21	HELWAN
00	0	35	02	0	0	—	12.0	-4.5	18	33	+8	13	+4	46	6	0	13	7	FAIYUM
00	0	10	03	1	4	Ac, Ci	11.7	-6.1	18	33	+9	12	+5	49	7	0	1		MINYA
300	6	10	02	1	1	Ci	11.3	-5.3	19	35	+10	14	+6	24	-2	0	2		ASYUT MANQABAD
00	0		02	0	4	Ac, Ci	11.0	-5.0	18	34	+8	13?	+5	52	8	0	0.1		NAG HAMMADI
00	0	35	00	0	0	—	11.1	-4.1	23	34	+5	16?	+5	38	8	0	2		QENA
00	0	30	03	0	1	Ci	11.2	-4.5	20	33		13		35	4	0	1		LUXOR
00	0	50	01	1	2	Ci	11.4	-4.0	24	33	+3	17	+3	47	12	0	0.1		ASWAN
170	3	14	03	1	2	Cs	16.1	-2.1	12	25	+1	9	+1	67	6	dr.	2	7	SIWA
320	3	35	02	2	3	Ac	15.0	-2.1	16	33	+8	14	+5	68	10	0	dr.	7	BAHARIYA
350	10	35	03	1	4	Ac	15.2		18	35		11		46	6	0	0		FARAFRA
340	19	35	01	1	3	Ci	13.9	-2.8	18	35	+7	12	+3	37	3	0	0		DAKHLA
00	0	35	02	1	1	Ci	11.1	-5.1	19	34	+6	12	+1	16	-8	0	0		KHARGA
360	5	35	00	0	2	Cu	11.0	-5.6	19	25	+2	14	+2	37	4	0	42	13	SUEZ
90	5	35	03	1	4	Cs	10.6	-4.4	21	27	+3	16	+4	83	18?	0	Rain	12	TOR
00	0	14	02	0	0	—	11.1	-4.6	21	26	+4	14	+2	44	8	0	7		HURGHADA
00	0	15	02	0	0	—	12.0	-2.5	21	25	0	18	+2	33	4	0	8	4	QUSEIR
350	8	18	01	2	5	Sc	12.2		25	28		22		84	22	0			PORT SUDAN
00	0	30	02	0	0	—	11.3		19	35		16		28	0	0			WADI HALFA
20	2	30	02	0	0	—			25	37		20		21	1	0			ABU HAMAD
90	3	50	02	0	0	—	10.2		22	38		16		31	4	0			KAREIMA
350	6	30	02	0	0	—	8.4		25	39		18		26	4	0			ʻATBARA
																			KHARTUM
90	5	30	02	0	0	—	6.3		32	42		20		18	5	0			KASSALA
360	9	50	02	0	0	—	7.7		28	42		23		14	-2	0			WAD MEDANI
																			RENK
230	2	35	02	0	0	—	7.5		28	43		20		35	11	0			ROSEIRES
20	9	30	03	0	1	Ci	8.6		27	39		21		14	-3	0			EL OBEID
00	0	30	02	0	2	Ci			22	39		17		27	2	0			EL FASHER
																			GENEINA
																			MALAKAL
250	9	10	04	0	1	Ac	8.1		28	41		25		62	20	0			WAU
180	6	30	03	0	5	Cs	7.3		29	41		24		52	18	0			JUBA

	10th	
	49	-16
	31	-29
	23	-41
	6	-41
11th	12.5	

UPPER AIR OBSERVATIONS

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

Remarks

RAWINSONDE — Cairo Airport, On 10th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	105	27		00	0
950					
900					
850	1516	18		230	14
800					
700	3140	6		240	30
600					
500	5797	-14		260	53
400	7453	-24			
300					

(Second Rawinsonde block, Airport, On ... At ...: no entries; third block, Airport, On ... At ...: no entries.)

UPPER WIND OBSERVATIONS on 10th

Height m	Alex. A.P.	Port Said	Almaza	Matruh	El Arish	Minya	Asyut	Luxor	Aswan	Dakhla	Kharga	Hurghada	S. Barani
Time	14	14	14	14	14	14	14	15	14	14	14	14	14
300	270 14	210 16	140 9	270 8	30 4	150 7	90 5	330 7	340 6	180 10	180 3	130 13	250 21
600	260 16	220 21	240 8	300 14	230 19	220 11	160 3	330 1	350 9	190 11	180 4	150 9	240 19
1000	270 23	220 35	260 11	240 23	240 38	220 17	220 6	150 2	10 8	200 12	160 5	180 4	250 21
1500	240 29	220 29	220 16	260 23			220 12	00 0	30 9	200 23	180 9	180 3	260 33
2000	260 27	250 35	220 18	250 42			240 10	340 6	40 8		230 4	220 2	
3000		260 58	210 17				250 12	340 18				260 9	
4000							280 31					270 16	
5000							260 38						
6000													
7000													
8000													

UPPER WIND OBSERVATIONS on 11th

Height m	Sîdi Barâni	Matrûh	Alex. Airport	Port Saʻîd	El ʻArîsh	Helwan	Minya	Asyût Manqabad	Luxor	Aswan	Hurghada	Almaza
Time	8	8	8		2		8	2	7 30		2?	9
300	270 25	260 8	280 14		150 6		330 10	300 16	270 5		130 21	290 9
600	270 32	260 4	280 17		170 14		340 15	230 16	190 4		140 16	260 10
1000	270 32		290 15		200 22		310 20	230 20	180 1		110 3	270 21
1500	280 37						280 22	220 20	220 17		230 19	260 33
2000							230 54		240 13		240 18	250 31
3000							220 32		310 17		280 33	
4000												
5000												
6000												
7000												
8000												

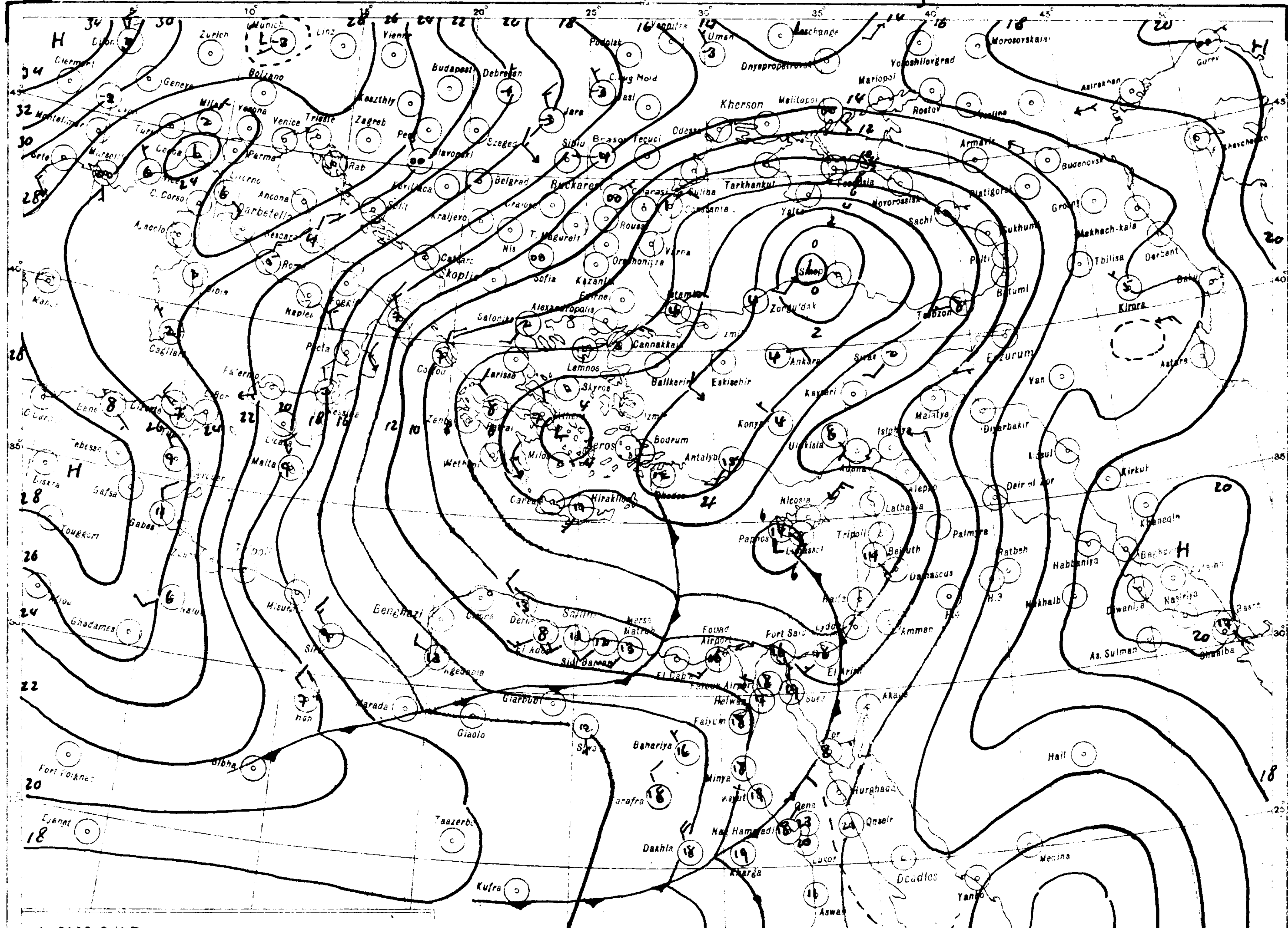
Height m	Siwa	Baharîya	Dakhla	Kharga	Wâdi Halfa	Abu Hamad	Kareima	Khartûm	Kassala	El Obeid	El Fasher	Malakal
Time		5	8	8	4	4	4			5	5	4
300		330 12	350 30	360 7	50 8							
600		330 11	360 25	360 11	60 15	40 21	40 20					360 11
1000		310 9	360 23	290 6	40 13	40 19	30 17			30 34		20 17
1500			310 15	180 4	30 15	50 13	10 13			30 24	50 19	40 18
2000							360 14			20 21	110 20	
3000					340 5	200 8	330 2			350 17	60 18	50 16
4000												
5000					250 17	210 2	150 4				90 10	
6000						130 3	110 3				140 8	
7000												
8000						300 14	340 11					

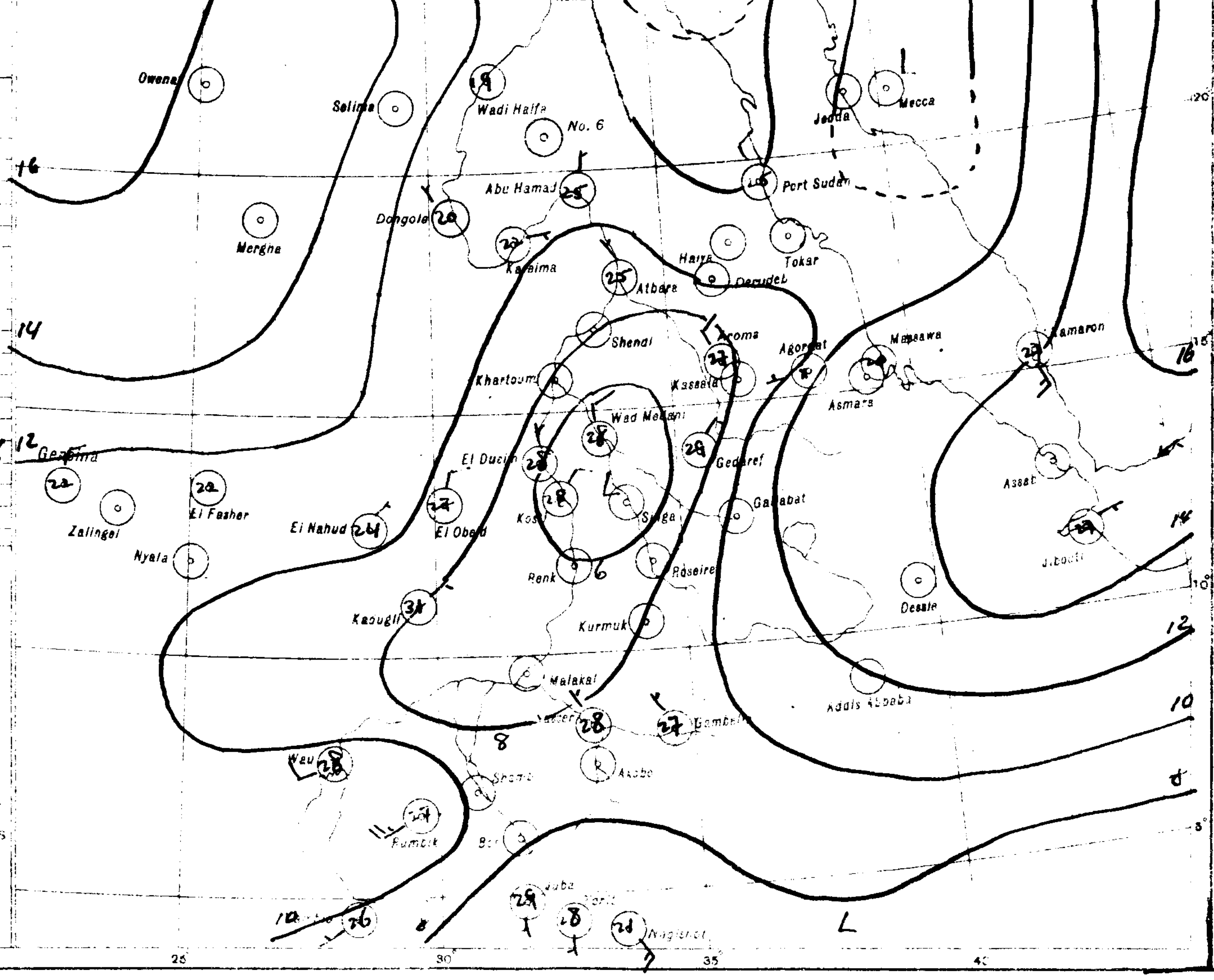
Remarks: 1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report
4. All times are in G.M.T., two hours less than the Egyptian standard time

Note: All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Wednesday* 11.13/1953





SCALE 1:15,000,000

At 0600 G.M.T. on الطقس المنتظر من ظهر اليوم الى ظهر الغد 1951

General Inference

رياح معتدلة الشدة غربية تنشط قرب السواحل أحيانا
وتستمر درجة الحرارة في انخفاضها التدريجي . وقد تظهر
بعض السحب خاصة قرب السواحل مع احتمال مطر خفيف
هناك

Forecast for the next 24 hours from noon to day.

Moderate westerly winds, fresh on coast at times. Fair near coast with risk of slight local showers.
Temperature continues its gradual fall.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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		55
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 is less than 1000 m.)	4
Drizzle	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 or less of sky covered or trace of cloud	1
2/8 to ,,	2
3/8 ,, ,,	3
4/8 ,, ,,	4
5/8 ,, ,,	5
6/8 ,, ,,	6
7/8 ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or the cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 04 09 G.M.T.
" " Sunset 16 01 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Thursday 12th March, 1953

At 1200 on Wednesday 11th / At 1800 on Wednesday 11th

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	320	19	35	03	2	7	Cu	10.4	18	37	3	290	19	15	02	2	4	Cu	13.8	14	36	-1	0
	303	SIDI BARANI	310	18	15	02	1	5	Cu, AC	10.5	17	56	8	300	19	14	02	1	4	AC	13.0	14	48	3	0
	306	MATRUH	300	22	8	30	3	2	Cu	10.5	18	52	8	300	18	14	01	1	0	—	12.7	14	52	4	0
	309	EL DABA	320	16	35	00	0?	0	—	9.4	19	37	4						0	—	12.9			9	0
		ALEXANDRIA	270	22	50	00	8?	0	—	9.8	18	52	8	270	22	35	00	8?	0	—	12.6	15	68	9	dr.
	318	~~FAROUK~~ Alex (Airport)	280	20	14	02	0	0	—	10.5	19	43	6	300	14	8	05	0	0	—	12.3	15	72	10	0
	330	DAMIETTA	320	5	35	03	0	1	Cu	10.4	20	64	13	320	9		01	0	0	—	11.5	16	68	10	0
	333	PORT SAID	300	11	30	02	0	0	—	9.8	22	50	11	290	14	18	02	0	0	—	11.9	16	72	11	0
	336	EL ARISH	280	6	30	02	0	0	—	9.4	20	53	10												
LOWER EGYPT	339	DAMANHUR	270	9	15	02	0	0	—	9.8	21	33	4	270	9	15	02	0	0	—	11.9	14	77	10	0
	342	MANSURA	270	5	35	00	0	0	—	9.9	23	38	8	360	5		00	0	0	—	12.0	15	68	9	0
	348	TANTA	240	5	35	02	0	0	—	10.6	23	38	8	270	2	35	01	1	4	Sc, Cu	12.0	14	77	10	0
	354	ZAGAZIG	220	1	50	02	0	0	—	10.3	25	47	13	00	0	35	02	0	0	—	11.9	15	68	9	0
	[illegible]	ISMAILIA	270	5	35	01	0	0	—	10.4	24	32	6	290	5	35	01	0	0	—	11.5	18	37	3	0
	366	~~FAROUK~~ Cairo (Airport)	290	17	15	00	0	0	—	11.1	24	34	7	250	7	12	00	0	0	—	12.8	18	34	2	0
	[illegible]	ALMAZA	260	13	30	00	0	0	—	12.4	24	24	2	260	13	10	00	0	0	—	12.4	20	24	-1	0
		EZBEKIYA			18	00	0	0	—	12.4	24	21	0			10	00	0	0	—	12.0	20	26	0	0
		GIZA			18	00	0	0	—	10.6	25	30	6			10	00	0	0	—	12.3	17	34	1	0
	[illegible]	HELWAN	270	8	35	02	0	0	—	10.7	24	26	3	270	11	15	02	1	2	Ci	12.7	19	18	-6	0
	[illegible]	FAIYUM	360	4	35	03	1	2	St	11.8	24	38	9	00	0	35	01	0	0	—	13.1	19	37	4	0
	[illegible]	MINYA	320	11	10	03	1	5	AC, Ci	11.9	26	19	2	320	2	8	01	2	5	AC	13.2	20	35	4	0
	[illegible]	ASYUT MANQABAD	320	10	18	02	2	7	Cs	11.9	25	26	5	310	4	12	02	2	6	AC, Cs	12.6	20	33	3	0
	399	NAG HAMMADI	340	2	7	02	0	5	As	10.6	29	29	9	00	0		01	0	4	As	12.4	21	57	12	0
	402	QENA	270	1	50	00	0	0	—	9.5	34	22	9	00	0	7	00	0	0	—	12.7	21	41	7	0
	405	LUXOR												00	0	12	01	2	2	Ci	11.7	23	38	8	0
	414	ASWAN	200	3	50	03	2	5	AC	8.0	36	13	4	340	6	50	00	0	0	—	9.4	33	16	4	0
OASES	[illegible]	SIWA	270	12	12	02	0	2	Cu, Ci	15.6	21	28	2	270	4	8	01	0	1	Ci	16.2	17	39	3	0
	[illegible]	BAHARIYA	320	3	35	02	2	4	AC	13.3	24	47	12	270	1	15	02	1	2	AC	14.4	18	56	9	0
	[illegible]	FARAFRA	340	12	35	09	1	4	Ci	14.3	24	15	-5	320	8	15	00	1	0	—	15.0	20	24	-1	0
	[illegible]	DAKHLA	360	11	50	00	0	0	..	12.6	27	20	2	340	9	35	00	0	0	—	13.6	21	20	-3	0
	[illegible]	KHARGA	20	4	15	02	2	8	AC, Ci	10.3	30	11	-4	20	1	15	00	1	0	—	12.6	23	18	-3	0
	[illegible]	SUEZ	180	3	[illegible]	[illegible]	[illegible]	[illegible]	Cu	4.5	28	27	7	310	9	15	01	0	0	—	11.9	23	38	8	0
	[illegible]	TOR	140	9	35	03	2	8	Cs	8.7	28	62	20	310	9	15	03	2	8	Cs	10.2	25	42	11	0
	462	HURGHADA	70	6	18	02	2	6	Ci	7.9	25?	70	19	00	0	12	01	0	6	Ci	10.5	22	83	19	0
	465	QUSEIR	120	9	15	03	1	5	Ci	8.8	26	62	18			15	01	1		Ci	11.2	23	74	18	0
	641	PORT SUDAN																							
	[illegible]	WADI HALFA																							
	[illegible]	ABU HAMAD																							
	[illegible]	KAREIMA																							
	[illegible]	ATBARA																							
	721	KHARTUM																							
	[illegible]	KASSALA	230	3	30	02	0	0	—	0.5	40	11	6												
	[illegible]	WAD MEDANI	360	9	35	02	0	0	—	1.3	41	7	-2												
	[illegible]	RENK	310	19	35	02	0	2	AC		41	18	12												
	[illegible]	ROSEIRES	310	2	35	02	0	0	—	0.0	42	11	5												
	[illegible]	EL OBEID	360	14	30	02	0	0	—	2.3	39	8	-2												
	[illegible]	EL FASHER	80	4	30	02	0	1	Ci		38	11	3												
	[illegible]	GENEINA	70	12	30	01	2	3	AC, Ci		37	12	-5												
	[illegible]	MALAKAL	180	2	10	05	0	5	Cu, Cs	1.9	40	17	11												
	650	WAU	90	3	10	04	1	4	Cu	3.3	37	31	17												
	[illegible]	JUBA	60	5	30	01	1	3	Cu	1.3	40	20	13												

At 0600 on Thursday 12th March, 1953

Wind 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
270	13	15	03	2	7	Cu	19.1	+2.7	9	22?	+1	5	-6	47	-2	0	22		SALUM
270	16	14	61	6	7	Cu, Sc	18.3		11	19		9		58	3	0.2	43		SIDI BARANI
260	15	15	03	0	7	Sc, Cu	17.9	+1.2	10	20		8		62	3	0	44		MATRUH
270	10	15	03	2	6	Sc	18.0		10	22		7		62	3	0	86		EL DABA
310	31	50	03	2	6	Cb	16.8	+0.7	13	21	0	12	-1	55	4	dr.	112	174	ALEXANDRIA
290	27	18	03	2	7	Cu, Sc	16.8	+0.2	14	20	0	13	+2	63	7	0	110	134	~~FAROUK~~ Alex (Airport)
220	9	7	03	1	4	Sc	16.2	+0.3	12	21	+1	9	-1	77	8	0	52	95	DAMIETTA
260	26	11	01	0	1	Sc	15.6	-0.7	14	22	+3	13	0	67	8	0	58		PORT SAID
230	5	30	03	1	2	Sc	15.5	-1.0	15			12		68	4	0	37		EL ARISH
230	9	7	02	1	1	Cu	16.2	-0.1	13	22	-1	10	0	67	7	0	Rain	87	DAMANHUR
270	5	35	02	1	3	Cu	16.6	+0.5	13	23	0	10	+1	77	9	0	39	44	MANSURA
220	8	35	03	2	7	Sc, Cu	17.0	+0.2	13	24	+1	10	+2	77	9	0	15	34	TANTA
00	0	35	02	0	0	—	16.7	+0.3	14	25	+2	11	+3			0	26	23	ZAGAZIG
270	9	35	01	1	3	AC	16.7		15	24		11		59	7	0	29		ISMAILIA
250	12	12	01	2	1	AC	18.6		13	25		11		72	8	0	6		~~FAROUK~~ Cairo (Airport)
270	14	14	00	1	0	—	18.1	+1.1	14	25	+2	12	+1	63	7	0	8		ALMAZA
		10	00	0	0	—	18.6	+2.1	13	26	+2	12	+2	67	7	0	15	20	EZBEKIYA
		10	00	0	0	—	18.4	+1.7	14	25	+1	9	+1	67	8	0	43	20	GIZA
240	12	15	01	2	1	As	19.1	+2.6	12	25	+2	11	0	77	8	0	3	21	HELWAN
00	0	35	02	0	0	—	19.2	+2.8	14	27	+2	10	+1	77	10	0	13	7	FAIYUM
350	10	10	02	1	1	Ci	19.1	+1.3	14	28	+4	9	+2	67	8	0	1		MINYA
320	7	12	03	1	5	AC, Ci	18.6	+2.1	16	27	+2	12	+3	32	-1	0	2		ASYUT MANQABAD
[illegible]	1		22	2	6	As	17.4	+1.4	15	32	+6	12	+4	54	7	0	0.1		NAG HAMMADI
270	2	15	03	1	6	Cs	17.1	+2.0	20	35	+5	15	+4	24	-1	0	2		QENA
00	0	18	03	1	8	Sc, Ac	16.4	+0.7	19	36		17		40	5	0	1		LUXOR
340	10	7	[illegible]		0	—	15.1	-0.2	21	37	+7	19	+5	26	1	0	0.1		ASWAN
330	5	14	03	0	1	Ci	23.3	+5.2	7	22	-3	8	0	58	1	0	2	7	SIWA
320	4	35	02	1	1	Cu	20.3	+3.3	12	24	-1	10	+1	77	8	0	dr.	7	BAHARIYA
360	10	35	02	1	4	Ci	20.8		13	25		11		67	7	0	0		FARAFRA
340	15	35	01	0	5	Ci	18.8	+2.2	17	27	-1	14	+5	34	1	0	0		DAKHLA
360	2	7	02	2	8	Ns	16.7	+0.6	17	30	+2	16	+8	26	-3	0	0		KHARGA
310	6	35	00	0	2	Cu	17.8	+1.8	16	30	+7	11	-1	59	8	0	42	13	SUEZ
310	13	35	03	2	6	AC	15.9	+1.0	20	30	+6	16	+4	41	6	0	Rain	12	TOR
300	23	14	01	2	7	Cu, Ac	15.0	-0.6	20	29	+7	19	+7	49	9	0	7		HURGHADA
										27	+2							4	QUSEIR
310	5	10	05	1	0	—	10.0		25	29		19		79	21	0			PORT SUDAN
360	11	30	02	0	0	—	14.4		20	38		17		26	0	0			WADI HALFA
360	4	30	02	0	0	—			26	39		21		14	-4	0			ABU HAMAD
20	12	30	02	0	0	—	7.6		26	38		23		11	1	0			KAREIMA
10	5	30	02	0	0	—	7.7		26	39		21		37	10	0			ATBARA
10	7	30	02	0	0	—	7.2		27	39		23				0			KHARTUM
320	1	30	02	0	0	—	6.0		31	42		23		38	15	0			KASSALA
50	5	35	02	0	0	—	7.8		20	41		19		23	-2	0			WAD MEDANI
																			RENK
130	2	35	02	0	0	—	7.1		28	43		20		25	6	0			ROSEIRES
340	8	30	01	1	2	Ci	6.5		24	40		17		15	-5	0			EL OBEID
00	0	30	03	0	1	Ci			20	39		17		26	0	0			EL FASHER
60	4	30	01	0	1	AC			22	39		19		19	-3	0			GENEINA
110	3	30	02	0	0	—	7.2		30	42		24		31	11	0			MALAKAL
																			WAU
200	4	50	03	0	7	—	6.2		29	41		23		55	19	0			JUBA

HUMIDITY
Mean of day

Station	on 11th	Diff. from normal
[illegible]	11	+6
Ezbekiya	34	-26
Giza	42	-22
Helwan	29	-18

GIZA
Sunshine hours on 12th: 6.4

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

Cairo Airport, On 11th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	24		270	22
950					
900					
850	1481	11		250	25
800					
700	3081	5		250	54
600					
500	5749	-11		250	25
400	7429	-22			
300					

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

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

UPPER WIND OBSERVATIONS on 11th

Station	El Arish	Minya	Asyut	Luxor	Aswan	Dakhla	Kharga	Hurghada	Farafra	S.Barani		Minya	Asyut
Time	14	14	14	14	14	14	14	14	14	14		20	20
Height m.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.
300	310 12	320 16	320 17	310 17	340 3	320 21	350 14	130 13	330 22	310 33		340 23	320 23
600	260 15	310 15	330 18	290 8	320 5	340 25	340 11	100 5	330 25	310 31		300 24	320 25
1000	250 28	320 16		270 14	300 5	340 42	340 8	250 3	320 23	300 30		300 21	330 20
1500		240 24	310 25	220 17	290 7		260 15	270 21	[illegible] 13			280 43	320 16
2000		270 30	260 31	250 19	260 2			240 23	250 [illegible]			[illegible] 43	280 35
3000				210 23				140 12					
4000								240 12					
5000													
6000													
7000													
8000													

UPPER WIND OBSERVATIONS on 12th

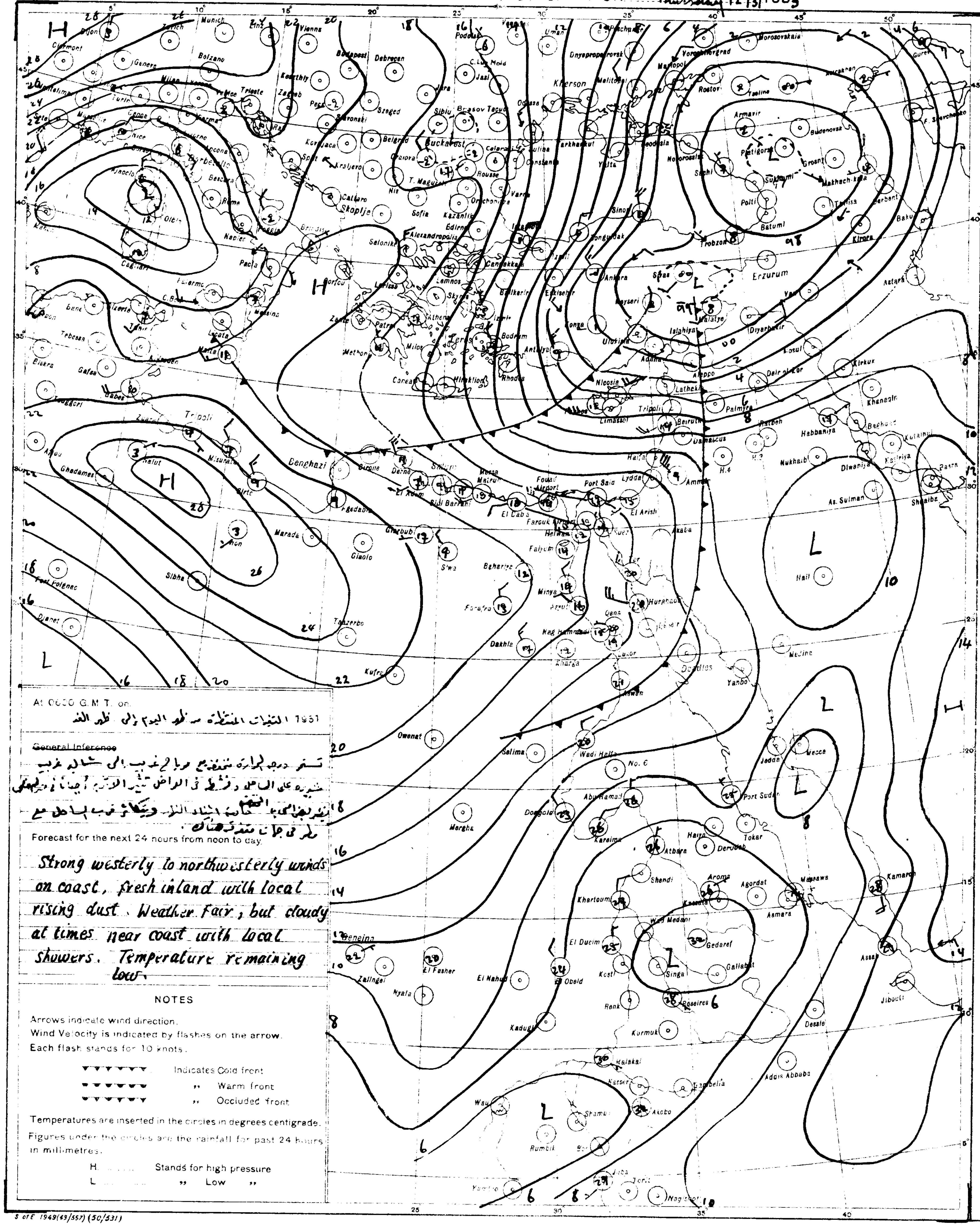
Station	Sidi Barani	Matruh	Alex Airport	Port Said	El Arish	Helwan	Minya	Asyut Manqabad	Luxor	Aswan	Hurghada	
Time	9	8		4	2		8	8	8			
Height m.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.
300	320 20	280 21		250 27	260 27		350 16	330 14	80 20			
600	300 19	240 28		250 28	280 29		340 13	340 22	10 17			
1000	310 30	300 22		270 21	270 27		330 19	340 27	80 12			
1500	300 23			290 17	270 20		310 22	300 23	250 28			
2000					270 21		300 16	280 36	360 12			
3000							290 11					
4000												
5000												
6000												
7000												
8000												

Station	Siwa	Bahariya	Dakhla	Kharga	Wadi Halfa	Abu Hamad	Kareima	Khartum	Kassala	El Obeid	El Fasher	Malakal
Time	8	8	8	8	4		4	4		5	[illegible]	
Height m.	Dir. 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 23	340 37	360 29	20 33?							
600	320 23	310 29	340 34	360 36	30 27		30 32	360 18				[illegible] 11
1000	330 27	310 41	340 36	360 30	20 28		40 31	10 22		10 21	20 [illegible]	[illegible]
1500	330 19						50 24			350 9	[illegible] 23	20 10
2000	300 30							50 4				
3000	270 37				350 7		50 10	170 6		200 13	310 6	20 11
4000	300 43									[illegible] 4		
5000											[illegible]	
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.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 12/3/1953



At 0600 G.M.T. on

1951 التنبؤات المنتظرة من ظهر اليوم الى ظهر الغد

~~General Inference~~

تستمر درجة الحرارة منخفضة مع رياح غربية الى شمالية غربية
شديدة على السواحل ونشطة في الداخل تثير الاتربة احيانا ويصبح
الجو صحوا تماما في داخل البلاد ويكثر السحب على الساحل مع
مطر في جهات متفرقة .

Forecast for the next 24 hours from noon to day.

Strong westerly to northwesterly winds on coast, fresh inland with local rising dust. Weather Fair, but cloudy at times near coast with local showers. Temperature remaining low.

NOTES

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

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

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

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

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		85
Rain } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

	Code
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

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: Friday 13th March 1952 3

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	330	13	35	03	2	7	Cu	21.2	16	24	-5
	308	SÎDI BARÂNI	310	17	18	02	6	6	Cu	20.2	15	39	1
	306	MATRÛH	300	20	14	25	8	6	Cu, SC	19.2	15	42	2
	309	EL DABA	290	7	35	02	1	4	Cb	18.8	16	42	3
		ALEXANDRIA	310	22	50	02	5	7	NS	18.7	14	55	5
	318	FOUAQ (Airport)	300	19	18	02	2	7	Cu, SC	18.6	16	52	6
	330	DAMIETTA	320	13	15	03	1	5	Cu	16.7	14	67	8
	333	PORT SA'ID	300	24	18	01	2	5	Cu, SC	17.3	17	49	6
	336	EL 'ARISH	260	22	15	07	3	3	SC	16.3	16	45	4
Lower Egypt	339	DAMANHUR	310	7	15	02	1	6	Cu	18.6	16	49	5
	342	MANSURA	320	13	35	02	1	3	Cu	17.5	17	42	4
	348	TANTA	270	8	35	01	1	3	Cu	17.8	17	42	4
	354	ZAGAZIG	40	1	50	02	1	3	Cu	17.8	18	60	10
	440	ISMA'ILIA	290	13	35	03	1	6	Cu	17.5	18	37	3
Cairo Area	366	FARUQ (Airport)	290	14	18	02	2	5	SC	18.1	17	52	7
	372	ALMAZA	280	10	14	03	2	6	Cu	18.5	17	49	6
		EZBEKIYA			18	03	0	3	Cu	18.4	18	34	2
		GIZA			18	03	0	3	Cu	18.2	19	40	5
	378	HELWÂN	290	16	15	03	2	4	Cu	18.3	16	42	3
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	19.4	20	33	3
	387	MINYA	320	17	12	03	1	2	Ci	18.8	22	20	-2
	393	ASYÛT MANQABÂD	340	12	18	03	1	4	Ci	18.5	20	24	-1
	399	NAG' HAMMADI	290	1	7	02	0	4	As, Ci	15.5	28	22	4
	402	QENA	290	2	50	02	1	6	Ci	14.8	27	15	2
	405	LUXOR	330	13	30	01	2	2	Cs	15.0	25	19	0
	414	ASWÂN	360	11	7	09		3	Ci	14.2	26	18	0
Oases	417	SÎWA	350	12	14	03	0	2	Ci	23.1	18	20	-5
	420	BAHARÎYA	360	2	35	02	0	0	—	20.2	17	60	9
	423	FARAFRA	340	23	35	02	1	4	Ci	21.2	18	28	-1
	432	DAKHLA	360	26	3	35	3	0	—	18.8	21	26	1
	436	KHARGA	360	9	7	01	2	5	Ac, Ci	17.4	21	20	-3
Red Sea	450	SUEZ	310	12	50	03	0	4	Cu	17.2	21	26	1
	459	TÛR	310	13	35	01	2	4	AC	15.5	22	33	5
	462	HURGHADA	330	24	14	01	2	4	Cs	14.6	20	60	12
	465	QUSEIR	200	11	15	02	0	7	Cu, Sc	15.1	21	65	14
	641	PORT SUDÂN	40	15	30	02	0	0	—	8.2	39	42	24
North Sudan	600	WÂDI HALFA	10	25	4	07	0	0	—	11.9	30	12	-2
	640	ABU HAMAD	360	5	30	02	0	0	—		39	9	1
	660	KAREIMA	30	12	30	02	0	0	—	5.3	38	6	-5
	680	'ATBARA	340	8	30	00	0	0	—	3.1	39	10	2
	721	KHARTÛM	340	8	30	02	0	0	—	2.7	39	10	2
	730	KASSALA	20	3	30	02	0	0	—	0.7	41	8	1
Central Sudan	751	WÂD MEDANI	310	5	35	02	0	0	—	0.9	41	7	-1
	801	RENK											
	802	ROSEIRES	50	2	35	02	0	0	—	0.0	42	8	1
	771	EL OBEID	40	9	30	02	0	0	—	3.7	36	9	-2
	760	EL FASHER	50	5	30	02	0	0	—		36	12	2
	770	GENEINA	40	14	30	03	0	1	Cs		38	6	-7
S. Sudan	840	MALAKÂL	360	4	30	03	0	2	Cu, Ci	1.9	40	17	11
	880	WÂU	270	3	10	04	1	4	Cu	1.8	39	26	16
	941	JUBA	110	5	30	03	2	7	Cb, Cs	1.9	39	24	15

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	290	9	15	00	0	0	—	22.8	12	44	0	0
SÎDI BARÂNI	310	10	14	02	0	3	Cu	22.3	13	51	3	0.2
MATRÛH	300	12	14	00	9	0	—	21.5	12	51	2	dr.
EL DABA	290	6	7	00	0	0	—	21.2	13	44	1	0
ALEXANDRIA	360	17	35	01	5	6	Sc	21.4	13	55	4	dr.
FOUAQ (Airport)	340	6	14	03	2	6	Cu, Sc	20.9	13	55	4	0
DAMIETTA	320	5		03	1	7	Sc	20.7	13	77	9	0
PORT SA'ID												
EL 'ARISH	290	15	2.5	03	1	4	Cu, Sc	19.4	14	55	5	0
DAMANHUR	310	9	7	02	1	1	Cu	21.4	10	88	8	0
MANSURA	320	5		00	1	0	—	21.0	12	63	5	0
TANTA	270	2	35	03	2	8	Ac, Ci	19.8	11	88	9	0
ZAGAZIG	00	0	35	02	1	0	—	21.6	11	77	7	0
ISMA'ILIA	360	5	35	01	0	0	—	21.1	13	55	4	0
FARUQ (Airport)	00	0	12	01	1	0	—	21.3	12	63	5	0
ALMAZA	320	1	12	01	2	1	Sc	21.2	12	67	6	0
EZBEKIYA	340	4	10	00	1	0	—	21.6	13	55	4	0
GIZA	340	4	10	00	1	0	—	21.4	12	55	3	0
HELWÂN	320	8	7	01	1	0	—	21.0	13	48	2	0
FAIYÛM	00	0	35	02	0	0	—	21.0	13	67	7	0
MINYA	360	7	8	01	1	0	—	20.4	12	55	3	0
ASYÛT MANQABÂD	290	1	8	01	1	1	Ci	20.1	12	44	0	0
NAG' HAMMADI	00	0		01	0	2	As	19.1	17	60	9	0
QENA	270	2	7	02	1	4	Ci	17.4	20	17	-6	0
LUXOR												
ASWÂN	340	10	7	09?		0	—	16.2	23	24	1	0
SÎWA												
BAHARÎYA	360	1	15	02	0	0	—	22.2	12	78	8	0
FARAFRA	340	5	15	00	1	0	—	22.3	11	30	-6	0
DAKHLA	340	19	35	00	0	0	—	20.2	16	42	3	0
KHARGA	360	6	15	00	2	0	—	18.2	18	28	-1	0
SUEZ	360	10	15	01	0	0	—	19.9	15	48	4	0
TÛR	310	13	15	01	1	1	AC	17.2	19	35	3	0
HURGHADA	290	18	12	01	1	2	Ci	17.3	19	49	8	0
QUSEIR	200	6	15	02	0	0	—	16.8	20	46	8	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 Friday 13th March, 1953

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Diff. from normal	Temp. Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALÛM	320	13	15	00	0	0	—	22.7	+6.4	10	18	-3	7	-4	50	0	0	22	
SÎDI BARÂNI	220	6	15	02	2	5	AC	22.5		10	16		8		62	3	0.2	43	
MATRÛH	230	7	18	03	1	6	SC	22.8	+6.1	10	16		6		67	4	dr.	44	
EL DABA	270	6	15	03	2	6	SC	22.8		10	16		8		54	1	0	86	
ALEXANDRIA	330	11	50	01	2	2	Cu	23.4	+7.3	14	17	-4	12	-1	48	3	dr.	112	175
FOUAQ (Airport)	00	0	18	01	1	3	SC	22.9	+6.3	14	18	-2	11	0	48	3	0	110	135
DAMIETTA	220	2		02	1	7	SC	22.7	+6.8	10	16	-4	7	-3	88	8	0	52	95
PORT SA'ID	260	9	15	02	1	7	Cu, SC	22.6	+6.3	12			11	-2	78	8	0	58	
EL 'ARISH											18								
DAMANHUR	310	5	15	02	1	1	Cu	22.6	+6.3	13	17	-6	10	0	77	9	0	Rain	87
MANSURA	270	5	35	03	2	4	Cu	23.0	+6.4	10	18	-5	7	-2	70	6	0	39	44
TANTA	00	0	35	02	0	0		23.0	+6.2	13	18	-5	6	-2	67	7	0	15	34
ZAGAZIG	00	0	35	02	0	0	—	23.0	+6.7	11	19	-5	6	-2	77	7	0	26	23
ISMA'ILIA	270	2	35	01	1	4	AC	22.8		13	18		12		67	7	0	29	
FARUQ (Airport)	00	0	12	00	0	0	—	23.5		12	18		8		63	5	0	6	
ALMAZA	00	0	12	00	1	1	SC	23.2	+6.3	12	18	-5	8	-3	63	5	0	8	
EZBEKIYA	00	0	8	00	0	0	—	23.0	+6.6	13	20	-4	8	-2	55	4	0	15	20
GIZA	00	0	8	00	0	0	—	23.4	+6.7	13	20	-4	6	-2	72	8	0	43	20
HELWÂN	00	0	7	02	0	0	—	23.5	+7.1	11	18	-6	8	-3	51	1	0	3	22
FAIYÛM	00	0	35	02	0	0	—	23.8	+7.4	11	21	-4	7	-2	63	4	0	13	7
MINYA	350	5	8	02	1	1	Ci	22.9	+5.2	11	22	2	4	-3	77	7	0	1	
ASYÛT MANQABÂD	20	2	12	02	1	3	Ci	22.1	+5.7	10	21	-4	6	-3	58	2	0	2	
NAG' HAMMADI	290	1		01	0	3	As, Ci	21.4	+5.5	17	29	+3	6	-2	52	7	0	0.1	
QENA	270	1	35	03	1	3	Ci	20.3	+5.2	16	29	-1	6	-5	42	3	0	2	
LUXOR	40	2	30	02	0	1	Ci	19.9	+4.3	15			9		36	0	0	1	
ASWÂN	340	8	15	09		0	—	18.6	+3.4	15	27	-3	13	-1	30	-3	0	0.1	
SÎWA	00	0	14	03	0	1	Ci	25.4	+7.3	8			3	-5	66	2	0	2	7
BAHARÎYA	360	1	35	02	0	0	—	24.0	+7.0	10	18	-7	4	-5	76	6	0	dr.	7
FARAFRA	360	4	35	02	1	3	Ci	23.7		10	19		5		62	3	0	0	
DAKHLA	20	4	50	01	0	3	Ci	22.4	+5.8	13	23	-5	9	-1	55	4	0	0	
KHARGA	360	9	7	02	1	1	AC	20.0	+4.0	12	23	-5	10	-1	44	0	0	0	
SUEZ	40	6	35	00	0	0	—	22.6	+6.6	11	22	-2			63	4	0	42	13
TÛR	310	9	35	03	1	4	AC	20.2	+5.4	15	23	-1	14	+2	45	3	0	Rain	12
HURGHADA	290	13	30	03	1	4	Ac, Ci	19.3	+3.7	14	21	-1	14	+2	55	5	0	7	
QUSEIR	200	4	15	00	0	0	—	18.7	+4.3	14	26	+1			48	3	0	8	4
PORT SUDÂN	340	17	10	07	2	6	Sc, Cu			25	29		22		70	19	0		
WÂDI HALFA																			
ABU HAMAD	360	6	15	05	0	0	—			22	39		19				0		
KAREIMA	40	6	30	02	0	0	—	12.6		22	39		19		25	1	0		
'ATBARA	20	16	10	07	0	0	—	10.0		26	40		22		30	7	0		
KHARTÛM	20	20	4	06	0	0	—	8.3		26	41		24		28	6	0		
KASSALA	30	9	30	02	0	0	—	7.3			42		23		43	18	0		
WÂD MEDANI																			
RENK																			
ROSEIRES	310	2	35	02	0	0	—	5.8		28	43		20		29	8	0		
EL OBEID	360	15	2	05	0	0	—	9.2		23	39		21		20	-1	0		
EL FASHER																			
GENEINA	50	17	7	05	0	0	—				39		21				0		
MALAKÂL						0	—	6.3		28	42		23		45	15	0		
WÂU	270	2	10	04	1	5				26	40		23		62	18	dr.		
JUBA	180	8	30	03	0	7	Ac, Ci	6.6		30	40		23		43	16	0		

HUMIDITY

Mean of day

STATION	on 12th	Diff from normal
Alexandria	53	-12
Ezbekiya	53	-7
Giza	58	-6
Helwan	56	+9

GIZA

GRASS MINIMUM TEMP ON 13th 2.7 °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 — FARUQ AIRPORT — On 12th At 15h.

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

RAWINSONDE — AIRPORT — On ... At ...

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

RAWINSONDE — AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 12th

Height m.	Alex. A.P. Dir.	Vel.	Almaza Dir.	Vel.	Dakhla Dir.	Vel.	Aswan Dir.	Vel.	Matruh Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.	S. Barani Dir.	Vel.	Luxor Dir.	Vel.	Siwa Dir.	Vel.	Asyut Dir.	Vel.	Kharga Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
300	300	15	310	23	360	21	360	15	310	23	270	14	340	14	320	18	320	25	350	23	300	23	360	24	10	18
600	290	16	310	34	360	24	350	29	310	16	280	12	330	16	330	14	330	17	340	26	320	21	360	28	10	21
1000	290	21	320	15	360	28	350	26	310	19	290	12	330	17	320	20	350	11	340	31	320	18	360	28	360	14
1500			300	10	360	30			310	17	290	13	310	15	330	21	340	24	350	32					330	13
2000			280	23							320	12	300	28					350	19					320	24
3000																	230	22	350	16						
4000																			310	19						
5000																			300	32						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Farouq 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.	Farafra Dir.	Vel.
Time	8		8		8		8		3				8		9		7						8 15	
300	310	8	300	7	320	5	320	10	270	16					350	6	360	4					40	13
600	320	9	340	10	310	4	320	12	270	17					360	11	360	6					40	16
1000	290	4	340	11	300	4	330	11	270	13					10	17	360	12					40	10
1500			330	10			20	10	280	15			350	5	350	14	330	8					30	14
2000			310	16			300	31					300	3	300	19	310	16					10	13
3000			320	19									340	12	270	24								
4000																								
5000																								
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 Fasher Dir.	Vel.	Malakâl Dir.	Vel.
Time			8		8		8		4		4								4?				4	
300			30	9	30	9	20	23	20	21														
600			20	10	40	8	10	28	50	21	40	30											310	7
1000			20	12	30	8	10	32	60	19	40	29							330	9			360	14
1500			20	16	330	7	10	31	20	16	30	25							330	20			20	21
2000			10	11	320	4																		
3000			360	4					310	18	360	23											70	6
4000																							70	6
5000									290	27	270	10												
6000											280	19												
7000																								
8000																								

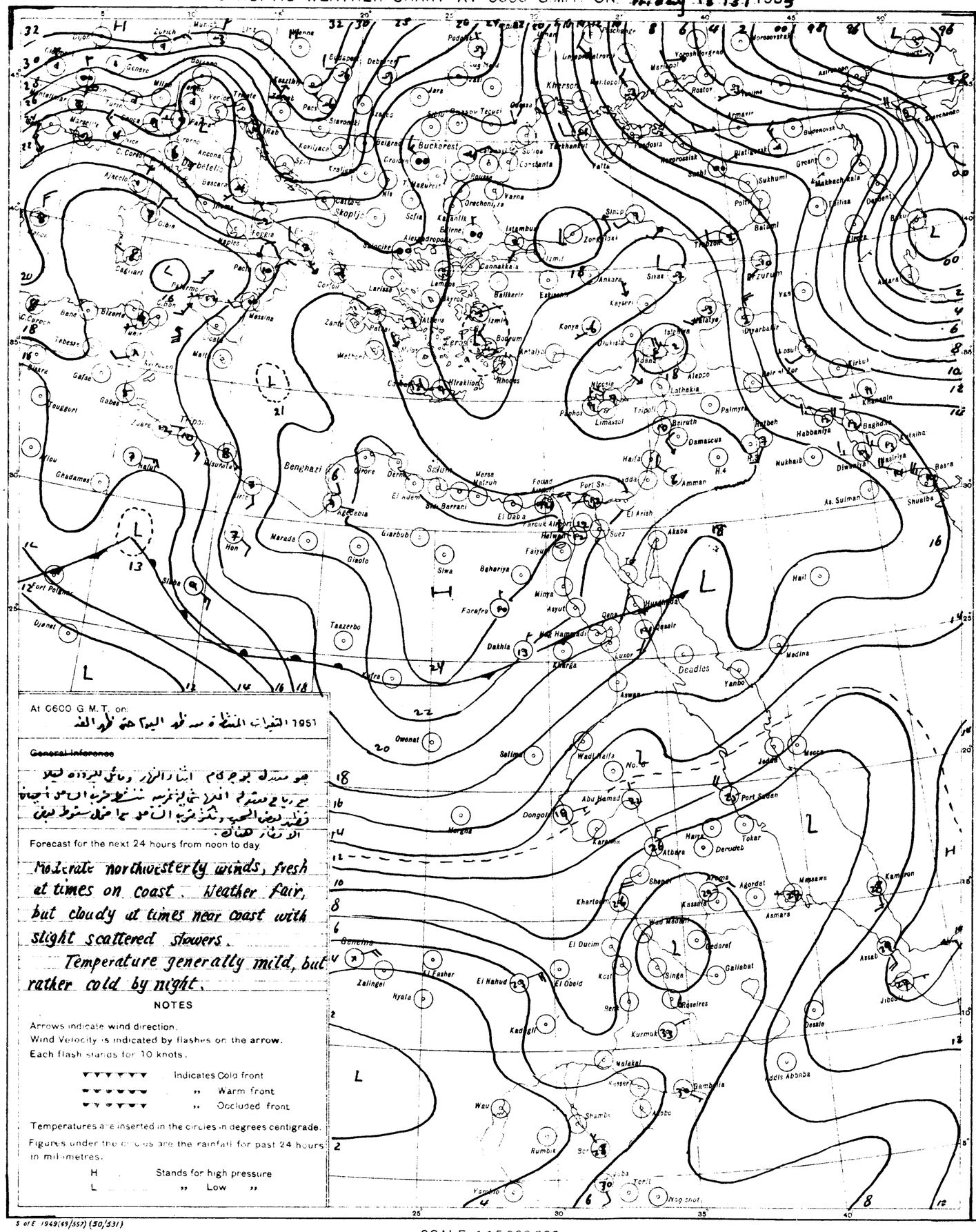
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49) 557 (50/537)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 13/3/1953



At 0600 G.M.T. on:
التغيرات المنتظرة من اليوم حتى نهاية الغد 1951

~~General Inference~~

هو معتدل يوجه عام انشاء الرياح وبالتالي للبرودة ليلا مع رياح معتدلة الى شمالية غربية نشطة قريبة الى حد ما في بعض الاحيان وتكون قريبة الى حد ما خلال سقوط بعض الامطار هناك.

Forecast for the next 24 hours from noon to day.

Moderate northwesterly winds, fresh at times on coast. Weather fair, but cloudy at times near coast with slight scattered showers.

Temperature generally mild, but rather cold by night.

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the 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
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	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, snow 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 07 G. M. T.

" " Sunset 16 02 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Saturday 14th March, 1952 3

At 1200 on Friday 13th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	13	35	03	2	5	Ci	22.2	15	39	1
	303	SÎDI BARÂNI	330	4	18	02	1	4	Cu, Cs	22.6	15	45	3
	306	MATRÛH	320	8	18	02	1	5	Cu, Cs	22.0	16	52	6
	309	EL DABA	320	7	35	01	1	3	Cu	22.0	16	49	5
		ALEXANDRIA	220	3	50	03	2	6	Ac	22.6	18	37	3
	318	ALAD (Airport)	320	5	18	03	1	5	Cu, Ci	22.5	17	42	4
	330	DAMIETTA	320	5	35	01	1	4	SC	22.7	15	59	7
	333	PORT SA'ID	330	11	30	01	1	2	Sc	22.6	15	55	6
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	310	9	15	02	1	3	Cu	22.3	16	59	8
	342	MANSURA	40	5	35	03	2	5	Cu	22.8	17	42	4
	348	TANTA	310	5	35	01	1	4	Cu	22.2	18	46	6
	354	ZAGAZIG	320	1	50	02	1	4	Cu	22.6	19	52	9
	440	ISMA'ILIA	290	5	35	03	1	6	Cu	21.8	18	37	3
CAIRO AREA	366	CAIRO (Airport)	340	3	18	03	2	5	Cu	22.3	17	46	5
	372	ALMAZA	340	11	30	02	2	5	Cu	21.6	17	46	5
		EZBEKIYA	340	2	18	03	0	4	Cu	21.2	18	40	4
		GIZA	340	2	18	03	0	4	Cu	22.0	18	40	4
	378	HELWAN	360	12	35	02	1	2	Cu	21.5	17	34	1
UPPER EGYPT	381	FAIYUM	360	4	35	02	1	3	Ci	21.4	19	37	4
	387	MINYA	350	12	12	02	1	3	Ci	21.1	19	37	4
	393	ASYUT MANQABAD	360	12	30	03	1	5	Ci	19.9	20	19	-4
	399	NAG' HAMMADI	290	1	7	02	0	2	Ac, Ci	16.7	22	36	6
	402	QENA	270	1	50	02	1	5	Ci	16.2	22	27	2
	405	LUXOR	340	10	30	03	1	6	Ci	15.9	24	16	-4
	414	ASWAN	360	5	15	09?		2	Ci	15.0	25	22	2
OASES	417	SIWA											
	420	BAHARIYA											
	423	FARAFRA	360	5	35	03	1	6		22.0	18	28	-1
	432	DAKHLA	360	4	35	01	2	5	Ci	20.0	20	41	6
	435	KHARGA	20	9	7	02	2	4	Ac	17.4	21	20	-3
RED SEA	450	SUEZ	40	11	50	03	0	3	Cu	21.4	17	34	1
	459	TOR	310	13	35	01	1	2	Ac	17.12	19	52	9
	462	HURGHADA	330	20	18	02	2	7	Ac	17.7	18	52	8
	465	QUSEIR	200	4	15	03	0	5	Cb, Ac	16.4	19	37	4
	641	PORT SUDAN											
NORTH SUDAN	600	WADI HALFA	10	17	30	02	0	0	—	12.9	28	10	-7
	640	ABU HAMAD	20	3	30	02	0	0	—		26	18	0
	660	KAREIMA	40	9	30	02	0	0	—	7.5	35	10	-1
	680	'ATBARA	20	18				0	—	4.5	38	9	-1
	721	KHARTUM	20	22	4	07	0	0	—	3.5	39	11	3
	730	KASSALA	20	7	30	02	0	0	—	0.9	39	18	11
CENTRAL SUDAN	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	20	15	2	05	0	0	—	3.5	36	15	6
	760	EL FASHER	90	10	7	05	0	0	—		35	13	3
	770	GENEINA											
S. SUDAN	840	MALAKAL	50	12	30	02	0	0	—	1.0	41	9	2
	880	WAU											
	941	JUBA											

At 1800 on Friday 13th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	1	15	00	0	0	—	22.0	14	48	3	0
303	SIDI BARANI												
306	MATRUH	350	3	14	01	0	0	—	21.7	12	72	7	0
309	EL DABA	320	2	7	01	1	1	Cu	22.1	12	55	3	0
	ALEXANDRIA	310	4	35	00	0	0	—	22.8	14	55	5	0
318	ALAD (Airport)	00	0	12	01	1	0	—	22.5	12	67	6	0
330	DAMIETTA	320	2	7	01	1	1	Cu	22.4	13	67	7	0
333	PORT SA'ID	10	6	18	02	0	1	Sc, Ci	23.0	14	67	8	0
336	EL 'ARISH	350	2	14	01	1	2	Sc, Cu	22.1	13	55	4	0
339	DAMANHUR	270	9	15	02	0	0	—	22.6	13	67	7	0
342	MANSURA	360	5		00	1	0	—	23.3	12	63	5	0
348	TANTA	00	0	35	01	1	3	Cu	22.7	10	76	6	0
354	ZAGAZIG	00	0	35	02	1	0	—	23.4	12	77	8	0
440	ISMA'ILIA	20	5	35	01	0	0	—	23.3	13	55	4	0
366	CAIRO (Airport)	20	2	12	00	0	0	—	22.7	14	59	6	0
372	ALMAZA	20	6	12	01	0	0	—	22.7	13	63	6	0
	EZBEKIYA	360	4	10	00	1	0	—	22.7	14	55	5	0
	GIZA	360	4	10	00	1	0	—	22.2	14	55	5	0
378	HELWAN	360	8	7	01	1	0	—	22.4	14	48	3	0
381	FAIYUM	00	0	35	01	0	0	—	21.1	15	59	7	0
387	MINYA	360	4	8	01	1	0	—	19.7	13	55	4	0
393	ASYUT MANQABAD	300	5	12	01	1	2	Ci	18.9	14	39	0	0
399	NAG' HAMMADI	00	0		01	0	3	As	17.0	17	42	4	0
402	QENA	00	0	7	02	1	4	Ci	17.0	20	24	-1	0
405	LUXOR	180	5	12	01	2	3	Ci	16.1	18	30	0	0
414	ASWAN	340	5	50	00	0	0	—	15.9	21	26	1	0
417	SIWA												
420	BAHARIYA	20	1	15	02	1	0	—	21.2	15	59	7	0
423	FARAFRA	30	14	15	02	1	2	Ci	21.5	14	32	-3	0
432	DAKHLA	70	11	35	00	0	0	—	18.6	17	18	-8	0
435	KHARGA	00	0	15	00	1	0	—	17.8	17	26	-3	0
450	SUEZ	40	11	15	01	0	0	—	21.8	14	55	5	0
459	TOR	310	13	15	01	1	1	Ac	17.9	19	37	4	0
462	HURGHADA	320	22	12	02	1	2	Ci	17.6	18	43	5	0
465	QUSEIR	200	4	15	00	0	0	—	17.4	18	52	8	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 Saturday 14th March, 1953

INDEX NUMBER	STATION	WIND 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	200	9	15	02	1	3	Ci	20.2	+3.9	12	18	-3	8	-3	55	3	0	22	
303	SIDI BARANI																			
306	MATRUH	180	4	12	00	0	1	Ci	21.3	+4.7	12	17		4		67	6	0	44	
309	EL DABA	250	4	15	01	1	1	Cu	22.1		10	17		5		76	6	0	86	
	ALEXANDRIA	180	6	50	03	1	6	Cu, Cc	22.6	+6.6	13	18	-3	10	-3	67	7	0	112	175
318	ALAD (Airport)	00	0	18	02	1	5	Cu, Ci	22.4	+5.8	12	17	-3	8	-3	67	6	0	110	135
330	DAMIETTA	220	2	7	03	1	2	Sc	22.4	+6.5	12	16	-4	5	-5	77	8	0	52	96
333	PORT SA'ID	260	2	14	03	0	3	Ci	22.4	+6.1	14	17	-2	11	-2	67	8	0	58	
336	EL 'ARISH	150	3	30	03	1	2	Ci	21.6	+5.2	12	18		7		59	4	0	37	
339	DAMANHUR	230	9	7	02	1	1	Ci	22.4	+6.1	13	17	-6	8	-2	67	7	0	Rain	88
342	MANSURA	40	5	35	02	1	2	Cu	22.7	+6.7	12	19	-4	6	-3	63	5	0	39	44
348	TANTA	00	0	35	01	1	4	Cu	22.4	+5.6	9	18	-6	4	-4	88	7	0	15	34
354	ZAGAZIG	00	0	35	02	0	0	—	21.6	+5.3	9	20	-4	5	-3	71	4	0	26	23
440	ISMA'ILIA	140	2	35	03	1	6	Ac, Ci	22.4		14	19		7		55	5	0	29	
366	CAIRO (Airport)	70	6	14	02	0	2	Ci	22.4		12	18		8		67	6	0	6	
372	ALMAZA	10	5	12	00	0	0	—	22.3	+5.4	10	18	-5	8	-3	76	6	0	8	
	EZBEKIYA	330	1	4	05	1	2	As	21.9	+5.5	11	20	-5	8	-2	63	4	0	15	20
	GIZA	330	1	4	05	1	2	As	22.3	+5.6	9	19	-5	4	-4	76	5	0	43	20
378	HELWAN	20	9	15	02	0	1	Ci	22.2	+5.8	12	18	-6	8	-3	55	3	0	3	22
381	FAIYUM	360	4	35	02	0	1	Ci	21.6	+5.2	12	20	-5	7	-2	63	5	0	13	7
387	MINYA	350	5	8	03	0	1	Ci	21.1	+3.5	8	19	-5	3	-4	76	4	0	1	
393	ASYUT MANQABAD	270	2	8	02	1	2	Ci	20.6	+4.2	8	21	-4	5	-4	71	3	0	2	
399	NAG' HAMMADI	290	1	10	02	0	5	Cb, Ac	19.5	+3.7	10			6	-3	76	6	0	0.1	
402	QENA	270	1	35	03	1	6	Ci	19.2	+4.2	14	24	-6	7	-4	48	3	0	2	
405	LUXOR											26								
414	ASWAN	20	6	50	01	1	3	Ci	17.0	+1.9	17	26	-4	13	-2	34	1	0	0.1	
417	SIWA																			7
420	BAHARIYA	40	2	35	02	0	0	—	22.0	+5.1	11	19	-6	6	-3	88	9	0	dr.	7
423	FARAFRA	00	0	35	02	1	2	Ac, Ci	21.9		10	19		5		38	-4	0	0	
432	DAKHLA	270	9	50	03	0	4	Ci	19.9	+3.4	11	21	-7	7	-3	41	-2	0	0	
435	KHARGA	00	0	15	02	2	3	Ac	17.4	+3.4	14	21	-7	8	-3	48	3	0	0	
450	SUEZ	360	6	35	00	0	1	Cu	22.2	+6.2	12	18	-6	6	-6	55	3	0	42	13
459	TOR	90	5	35	02	0	0	—	19.4	+4.6	14	20	-4	8	-4	55	5	0	Rain	12
462	HURGHADA	300	17	14	02	1	4	Cs	18.8	+3.2	15	20	-2	10	-2	52	5	0	7	
465	QUSEIR	360	13	15	03	1	3	Ci	18.3	+3.9	14	21	-4	12	-5	63	7	0	8	4
641	PORT SUDAN	340	18	10	07	0	1		13.2								15	0		
600	WADI HALFA																			
640	ABU HAMAD																			
660	KAREIMA																			
680	'ATBARA																			
721	KHARTUM	50	1				0	—	8.3			39					3	0		
730	KASSALA	50	3	35	02	0	0	—	6.0		27	39		21				0		
751	WAD MEDANI																			
801	RENK																			
802	ROSEIRES	360	2	35	02	0	0	—	4.7		28	43		23		35	11	0		
771	EL OBEID																			
760	EL FASHER	00	0	30	02	2	8	Cs			19	36		16		32	2	0		
770	GENEINA																			
840	MALAKAL	20	19	10	06	0	2	Ac	5.1		31	42		24		22	7	0		
880	WAU	00	0	10	04	0	0	—	3.4		27	41		23		48	15	0		
941	JUBA	180	5	30	01	1	1	Cc	4.6		31	41		24		46	18	0		

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

STATION	on 13th	Diff. from normal
Alexandria	50	-15
Ezbekiya	49	-11
Giza	56	-8
Helwan	46	-1

GIZA GRASS MINIMUM TEMP. ON 14th 1.5 °C

Remarks

Aeroplane Ascent

On At

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

RAWINSONDE

Cairo AIRPORT On 13th 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	190	16		10	11	1000						1000					
950						950						950					
900						900						900					
850	1534	0		350	15	850						850					
800						800						800					
700	3046	-2		290	16	700						700					
600						600						600					
500	5704	-15		270	66	500						500					
400	7361	-25		280	102	400						400					
300	9341	-40				300						300					

Remarks

UPPER WIND OBSERVATIONS on 13th

STATION	S. Barani DIR.	S. Barani VEL.	Matruh DIR.	Matruh VEL.	Alex. A.P. DIR.	Alex. A.P. VEL.	Port Said DIR.	Port Said VEL.	Minya DIR.	Minya VEL.	Asyut DIR.	Asyut VEL.	Luxor DIR.	Luxor VEL.	Aswan DIR.	Aswan VEL.	Dakhla DIR.	Dakhla VEL.	Kharga DIR.	Kharga VEL.	El Arish DIR.	El Arish VEL.	S. Barani DIR.	S. Barani VEL.	Farafra DIR.	Farafra VEL.
TIME	14		14		14		14		14		14		14	15	14		14		14		14		14		14	15
300	320	7	330	7	320	2	340	12			350	18	320	9	360	12	10	15	10	21	320	15	320	17	40	8
600	290	10	330	7	300	3	350	12	350	15	360	16	330	6	360	14	10	14	10	29	320	16	330	10	50	10
1000	260	9	280	5	310	3	320	24	350	16	360	19	340	12	10	15	10	11	20	28	320	16	260	9	40	14
1500	300	8	320	11	300	3	300	17	360	16	360	13	340	11	350	12	30	11	10	27	290	10	300	8	40	11
2000	330	12	330	17			300	15	340	18	340	9	310	13	300	11					290	9			10	8
3000	280	20	280	14					50	8	290	26	250	14							300	32	280	20		
4000	280	28									270	46											280	28		
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

STATION	SIDI BARANI DIR.	SIDI BARANI VEL.	MATRUH DIR.	MATRUH VEL.	Alex. AIRPORT DIR.	Alex. AIRPORT VEL.	PORT SA'ID DIR.	PORT SA'ID VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWAN DIR.	HELWAN VEL.	MINYA DIR.	MINYA VEL.	ASYUT MANQABAD DIR.	ASYUT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN DIR.	ASWAN VEL.	HURGHADA DIR.	HURGHADA VEL.	Farafra DIR.	Farafra VEL.
TIME	8		8				2		8		8		8		8								8	
300	210	10	210	4			40	2	140	5	60	9	350	12	350	10							70	15
600	250	6	330	4			30	3	80	11	40	14	10	16	360	11							60	17
1000	300	5	350	8			30	5	40	8	40	16	20	14	20	19							50	15
1500	320	9					20	9	20	11	360	11	10	12	20	16							20	16
2000	310	20							340	15	340	17	350	9	320	10							20	15
3000	290	31							230	12	320	26	330	13	320	24								
4000											310	44			300	54								
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		5		4		4		4						5		4	
300					20	4	10	8	20	12														
600					40	12	20	18	40	18	30	26	40	26	20	33							20	25
1000					50	16	20	22	50	19	30	21	40	23	20	38					20	10	30	42
1500					30	14	360	18	10	17	20	17	20	19	20	36					70	25	30	34
2000							330	12							20	25								
3000							320	22	330	21	40	10	70	13	320	14					80	5	110	10
4000																					120	9		
5000											290	6			190	14								
6000											310	11	30	2	90	10								
7000																								
8000											250	24			130	6								

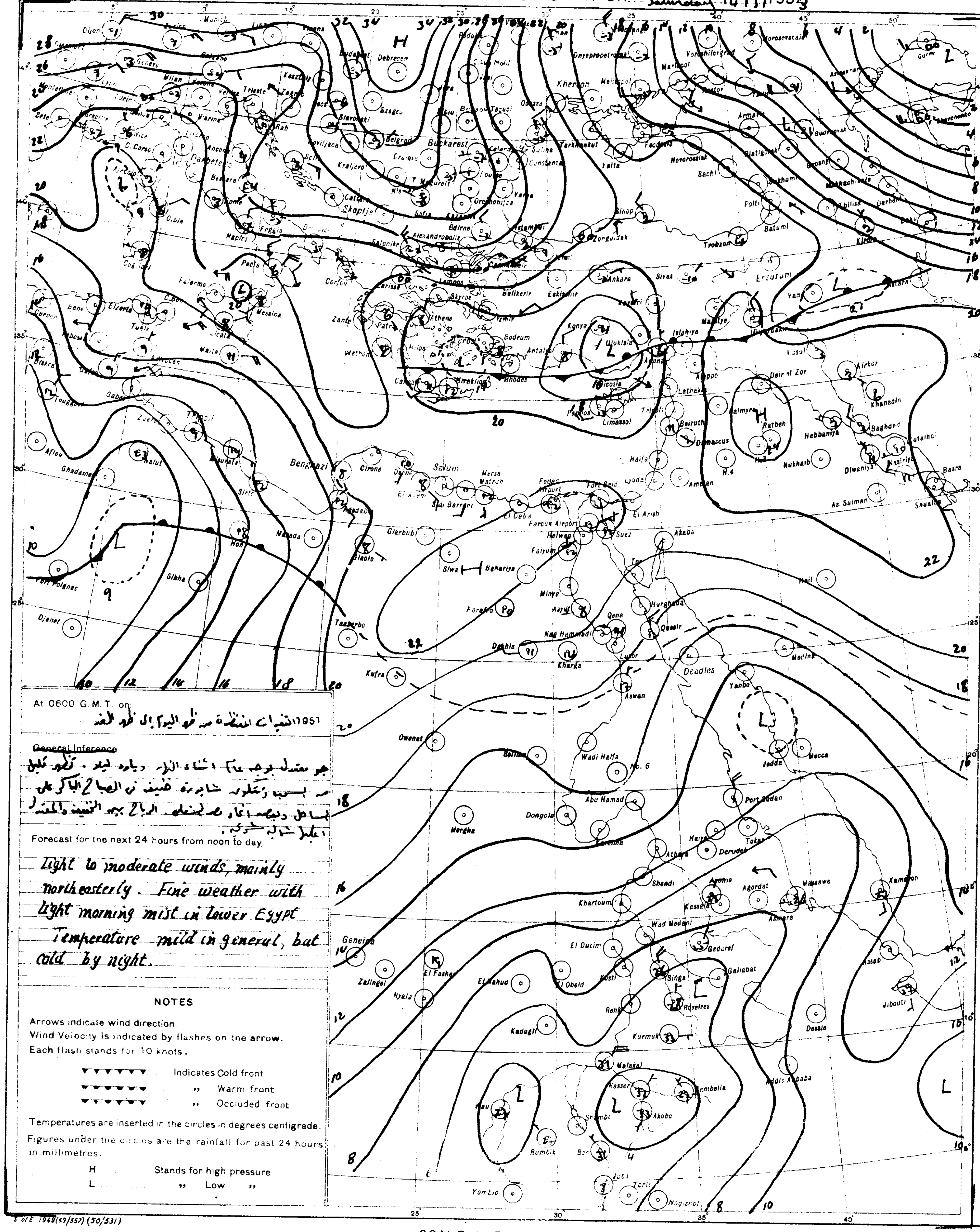
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,557) (50/431)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 14/3/1953



At 0600 G.M.T. on 1951 التغيرات المنتظرة من ظهر اليوم إلى ظهر الغد

~~General Inference~~

جو معتدل بوجه عام أثناء النهار وبارد ليلا . تكون قليل
من السحب وتتكون شابورة خفيف في الصباح الباكر على
الساحل ودلتا مصر ، وتكون الرياح بين الخفيفة والمعتدلة
اغلبها شمالية شرقية .

Forecast for the next 24 hours from noon to day.

Light to moderate winds, mainly northeasterly. Fine weather with light morning mist in lower Egypt. Temperature mild in general, but cold by night.

NOTES

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

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

Temperatures are inserted in the 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 04 06 G.M.T.
" " Sunset 16 03 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 15th March, 1952 3

At 1200 on Saturday 14th — At 1800 on Saturday 14th

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	90	9	35	02	1	2	Ci	19.8	19	37	4	50	13	15	00	0	0	—	20.0	17	34	1	0
	303	SÎDI BARÂNI	330	6	18	02	0	1	Ci	20.9	19	30	1	60	3	15	02	0	0	—	20.8	15	55	6	0
	306	MATRÛH	20	6	30	00	0	0	—	20.7	18	32	1	100	2	18	01	0	0	—	21.7	12	63	5	0
	309	EL DABʹA	40	5	35	00	0	0	—	21.4	18	34	2	00	0	7	00	0	0	—	21.2	13	55	4	0
		ALEXANDRIA			50	01	2	2	Cu	22.0	16	49	5	40	8	7	00	0	0	—	22.6	14	77	10	0
	318	[illegible] (Airport)	340	5	18	02	1	1	Cu, Ci	22.2	18	43	5	00	0	14	01	0	1	Ci	22.4	13	72	8	0
	330	DAMIETTA	340	5	35	00	0	0	—	22.3	17	34	1	320	2	7	02	0	0	—		13	77	9	0
	333	PORT SAʹÎD	360	5	30	02	0	0	—	22.1	17	52	7	350	6	14	02	0	0	—	21.5	14	72	4	0
	336	EL ʹARÎSH												350	2	14	02	0	0	—	20.3	14	59	6	0
LOWER EGYPT	339	DAMANHÛR	40	5	15	02	1	1	Cu	21.9	18	52	8	360	9	7	02	0	0	—	22.0	13	67	7	0
	342	MANSÛRA	90	5	35	02	1	3	Cu	21.9	20	41	6	20	5		00	1	0	—	22.2	14	67	8	0
	348	TANTA	310	2	35	01	1	3	Cu	21.8	19	46	7	00	0	35	01	1	4	Cu	22.0	12	77	8	0
	354	ZAGAZIG	320	1	50	02	0	0	—	21.6	21	50	10	00	0	35	02	0	0	—	21.4	14	72	9	0
	440	ISMAʹÎLIA	20	2	35	01	0	0	—	21.0	19	30	1	20	2	35	02	0	0	—	21.0	14	48	3	0
CAIRO AREA	366	Cairo (FAROUK) (Airport)	70	8	18	01	1	1	AS	20.5	19	46	7	70	7	12	00	0	0	—	20.5	15	63	8	0
	372	ALMÂZA	50	12	18	00	0	0	—	20.6	18	43	5	20	7	12	00	1	0	—	20.8	15	59	7	0
		EZBEKIYA	70	3	18	00	0	0	—	20.9	20	33	3	330	3	10	00	0	0	—	20.6	15	59	7	0
		GÎZA	70	3	18	00	0	0	—	20.4	20	33	3	330	3	10	00	0	0	—	20.8	14	59	6	0
	378	HELWÂN	360	10	35	02	0	0	—	20.8	19	30	1	20	5	15	02	0	0	—	20.8	16	32	-1	0
UPPER EGYPT	381	FAIYÛM	360	6	35	02	0	0	—	19.9	21	33	4	00	0	35	02	0	0	—	19.8	14	67	8	0
	387	MINYA	360	13	8	02	1	2	Ci	18.9	22	33	5	360	6	8	01	1	0	—	18.9	12	59	4	0
	393	ASYÛT MANQABAD	330	6	30	02	1	2	Ci	17.8	23	15	-5	300	5	8	00	1	0	—	17.4	16	45	4	0
	399	NAGʹ HAMMADI	290	1	7	02	0	5	Ac, Ci	16.2	25	34	8	00	0		01	0	3	AC	16.7	15	63	8	0
	402	QENA	270	1	35	02	1	6	Ci	15.6	27	27	6	270	1	7	02	1	4	Ci	15.4	18	46	6	0
	405	LUXOR	280	3	30	02	2	6	CS	15.5	26	16	-2	190	5	12	00	2	0	—	15.3	18	19	-6	0
	414	ASWAN	340	8	15	03	2	3	Ci	13.4	26	13	-5	340	5	50	00	0	0	—	13.8	23	12	-8	0
OASES	417	SÎWA	140	6	14	03	0	2	Ci	22.3	21	35	5	00	0	8	01	2	1	Ci	21.5	16	42	3	0
	420	BAHARÎYA																							
	423	FARAFRA	70	12	35	01	1	2	Ci	20.4	20	17	-6	70	5	15	00	1	0	—	19.0	17	18	-8	0
	432	DAKHLA	360	9	35	01	2	5	Ci	17.9	22	16	-5	360	4	35	00	0	0	—	17.8	19	16	-8	0
	435	KHARGA	340	2	35	01	2	5	AC	16.3	22	16	-5	00	0	15	00	1	0	—	15.8	19	24	-2	0
RED SEA	450	SUEZ	360	11	50	01	0	0	—	19.1	19	30	1	360	12	15	02	0	0	—	20.0	15	48	4	0
	459	TÔR	310	5	35	02	0	0	—	18.7	19	64	12	360	5	15	02	0	0	—	18.0	20	46	8	0
	462	HURGHADA	340	12	30	02	1	4	Ci	18.1	19	60	11	300	10	12	02	0	0	—	17.2	20	49	9	0
	465	QUSEIR	360	19	15	03	1	5	AC	18.0	21	50	10	360	5	15	01	1	3	Ci	16.7	19	64	12	0
	641	PORT SÛDÂN	30	18	10	07	0	1	Cu, Ci	10.8	27	66	20												
NORTH SÛDÂN	600	WÂDI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA	360	10	30	02	0	0	—	6.5	36	10	0												
	680	ʹATBARA																							
	721	KHARTUM																							
	730	KASSALA																							
CENTRAL SÛDÂN	751	WAD MEDANI																							
	801	RENK	310	19	35	02	0	2	AC		39	24	15												
	802	ROSEIRES	310	2	35	02	0	0	—	998.2	41	16	10												
	771	EL OBEID	40	19	4	06	0	0	—	3.1	35	8	-4												
	760	EL FÂSHER	40	13	10	06	2	8	CS		35	13	3												
	770	GENEINA	50	10	30	01	2	7	CS		35	7	-6												
SOUTH SÛDÂN	840	MALAKÂL	50	10	35	02	0	0	—	0.7	40	14	8												
	880	WAU																							
	941	JUBA	90	6		03	1	7	Cb	999.2	39	34	20												

At 0600 on Sunday 15th March, 1953

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	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
90	5	15	03	2	8	As	23.0	+6.7	13	22	+1	10	-1	67	7	0	22		SALUM
50	13	15	02	2	8	Sc As	22.9		14	21		9		67	8	0	93		SÎDI BARÂNI
40	13	14	03	1	6	Cu, Sc	23.0	+6.4	14	20		5?		77	10	0	44		MATRÛH
320	11	15	02	1	5	Cb	22.1		15	19		7		68	9	0	86		EL DABʹA
40	19	50	03	1	4	Cu	22.3	+6.3	15	16	-5	13	0	68	9	0	112	175	ALEXANDRIA
30	13	12	01	1	4	Cu, Ci	21.8	+5.3	16	18	-2	10	-1	59	8	0	110	135	[illegible] (Airport)
340	9	7	03	0	2	Cu	21.4	+5.6	15	19	-1	9	-2	68	9	0	52	96	DAMIETTA
350	15	12	01	0	5	Cu, Sc	21.3	+5.0	15	18	-1	14	+1	72	10	0	58		PORT SAʹÎD
250	3	18	03	2	6	Cu, Sc	20.0	+3.6	12	18		8		82	9	0	37		EL ʹARÎSH
40	9	7	02	1	1	Ci	21.8	+5.5	14	19	-4	10	0	77	10	0	Rain	88	DAMANHÛR
360	5	35	00	0	0	—	21.4	+5.4	13	22	-1	8	-1	77	9	0	39	45	MANSÛRA
00	0	35	01	1	3	Cu, Sc	21.8	+5.0	12	21	-3	5	-4	88	10	0	15	34	TANTA
00	0	35	02	0	0	—	21.6	+5.3	10	22	-2	5	-4	88	8	0	26	23	ZAGAZIG
220	2	35	01	1	4	Ac, Cc	21.8		12	20		7		63	5	0	29		ISMAʹÎLIA
70	5	18	03	0	2	Ci	21.0		13	19		8		67	7	0	6		Cairo (FAROUK) (Airport)
50	8	18	03	0	1	Ci	21.4	+4.6	13	20	-3	9	-2	67	7	0	6		ALMÂZA
230	2	8	00	0	0	—	21.4	+5.0	13	20	-5	9	-1	67	7	0	15	20	EZBEKIYA
230	2	8	00	0	0	—	21.1	+4.5	12	21	-3	7	-1	72	7	0	43	20	GÎZA
20	8	15	01	1	2	Ci	21.2	+4.9	13	20	-4	10	-1	67	7	0	3	22	HELWÂN
360	4	35	02	2	6	Ci	21.4	+5.0	12	22	-3	9	0	77	8	0	13	7	FAIYÛM
350	11	10	02	1	3	Ci	20.2	+2.6	12	23	-1	8	0	77	8	0	1		MINYA
280	2	8	02	1	4	Ci	19.3	+3.0	11	24	-1	8	-1	58	3	0	2		ASYÛT MANQABAD
360	2		01	0	4	AS	17.4	+2.2	13	26	0	8	-1	55	4	0	0.1		NAGʹ HAMMADI
320	1	35	03	1	4	Ci	17.2	+2.2	19	28	-2	8	-5	30	1	0	2		QENA
00	0	30	03	0	1	Ci	16.6	+1.2	16	26		8		28	-3	0	1		LUXOR
20	3	50	01	1	2	Ci	15.2	+0.2	17	27	-3	12	-3	26	-3	0	0.1		ASWÂN
90	6	14	03	0	7	Ac Cs	22.2	+4.2	13	22	-3	12	+4	19	-10	0	2	7	SÎWA
																		7	BAHARÎYA
20	5	35	03	2	8		20.2		14	22		8		36	-1	0	0		FARAFRA
20	15	50	03	0	3	Ci	18.3	+1.9	15	25	-3	9	-1	30	-3	0	0		DAKHLA
360	4	15	02	2	4	AC	17.0	+1.1	17	23	-6	9	-2	26	-3	0	0		KHARGA
310	6	35	00	0	1	Sc	20.2	+4.2	13	20	-4	7	-5	67	7	0	42	13	SUEZ
310	13	35	02	0	0	—	17.5	+2.8	18	20	-4	12	0	52	8 ?	0	Rain	12	TÔR
290	10	18	02	1	2	Ci	16.8	+1.3	17	20	-2	11	-1	64	10	0	7		HURGHADA
360	13	15	03	1	3	Ci	16.0	+1.7	20	21	-4	15	-2	46	8	0	8	4	QUSEIR
340	16	10	07	2	5	Sc	12.2		23	28		19		78	19	0			PORT SÛDÂN
10	6	30	02	0	0	—	14.2		16	31		11		22	-6	0			WÂDI HALFA
360	4	30	02	0	1	Ci			22	37		18		20	-2	0			ABU HAMAD
		30	02	0	0	—	10.3		22	37		19		17	-4	0			KAREIMA
30	13	10	07	0	0	—	8.8		24	39		20		30	5	0			ʹATBARA
10	12	30	02	0	0	—	8.4		24	39		19		19	-1	0			KHARTÛM
70	3	30	02	0	0	—	5.3		27	39		21		52	16	0			KASSALA
50	9	35	02	0	0	—	6.5		25	39		19		42	11	0			WAD MEDANI
																			RENK
																			ROSEIRES
20	10	30	05	1	1	As, Ci	8.3		23	37		19		15	-5	0			EL OBEID
00	0	30	03	0	1	Ci			19	27		15		28	0	0			EL FÂSHER
																			GENEINA
																			MALAKÂL
																			WAU
																			JUBA

HUMIDITY — Mean of day

Station	on 14th	Diff. from normal
Alexandria	66	+1
Ezbekiya	55	-5
Giza	62	-1
Helwan	42	-4

GÎZA
Grass minimum temp.
15th 2.9

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

Cairo (FAROUK) AIRPORT — On 14th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	181	18		30	7
950					
900					
850	1545	7		10	10
800					
700	3118	0		300	22
600					
500	5775			300	66
400	7464	-22		300	75
300	9524	-37			

AIRPORT — On ... At ...

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

AIRPORT — On ... At ...

Pressure 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		Matruh		Almaza		Port Said		El Arish		Alex. A.P.		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		Hurghada	
Time	14		14		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.	Dir.	Vel.	Dir.	Vel.
300	20	7	20	6	90	6	350	7	360	16	10	5	360	17	350	6	360	3	350	12	30	12	20	15	300	23
600	40	8	330	4	20	14	340	7	360	5	20	10	10	16	330	15	360	9	360	17	50	17	30	17	290	17
1000	260	5	330	4	20	14	320	9	40	7	20	12	340	16	10	10	10	8	20	13	50	11	30	18	320	14
1500	220	2	330	10	20	7	330	7		10	340	4	10	12	10	6	20	12	40	17	20	17	20	16	340	12
2000	310	12	300	20	40	12	270	8		17	300	10	310	14	20	7	360	12	10	12	350	22			340	10
3000			290	22					20	29	290	24					290	32								
4000									300	44	300	34														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

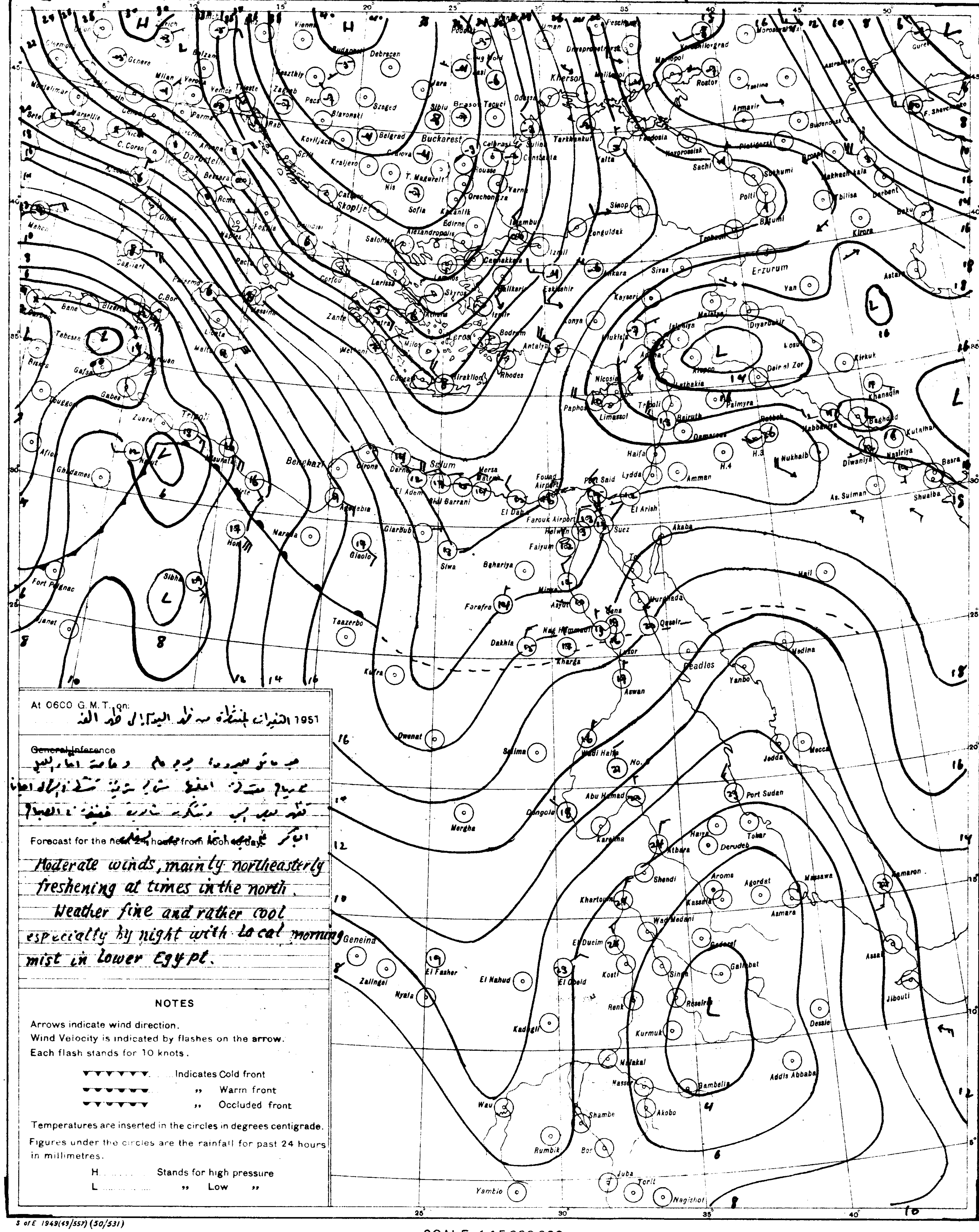
Station	SÎDI BARÂNI		MATRÛH		Alex. AIRPORT		PORT SAÏD		EL ʹARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		8		8				7		8		8		8						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	70	21	50	13	20	13	340	24			40	11	10	12	350	11	360	2					30	17
600	70	21	50	13	20	13	340	24			30	16	30	16	10	22	10	5					30	25
1000	80	25			30	16	340	25			20	17	20	20	10	24	40	2					20	30
1500					350	7	340	31			340	15	350	16	350	23	360	11					20	22
2000							310	20			330	29	330	18	310	16	290	11					10	18
3000															330	31	300	29						
4000															280	55								
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																	
Height m.	Dir.	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	18	40	16	10	15																
600			30	37	40	18	20	27																
1000			30	38	20	14	30	20																
1500			40	26			30	26																
2000			40	9			340	15																
3000			330	21																				
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times are G.M.T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 15 / 3 / 1953



At 0600 G.M.T. on: 1951 التغيرات المنتظرة من ظهر اليوم إلى ظهر الغد

~~General Inference~~

[illegible]

Forecast for the next 24 hours from noon to-day.

Moderate winds, mainly northeasterly freshening at times in the north.

Weather fine and rather cool especially by night with local morning mist in Lower Egypt.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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	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

LIBRARY WEATHER BUREAU

CAIRO

Time of Sunrise 04 05 G. M. T.

" " Sunset 16 04 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 16th March, 1952 3

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	40	24	35	03	2	8	As	23.0	15	59	7
	303	SÎDI BARÂNI	50	21	18	02	2	8	Sc	22.2	15	59	7
	306	MATRÛH	40	15	14	02	2	8	Sc, As	21.8	15	68	9
	309	EL DAB'A	20	7	35	03	2	6	Sc	21.0	15	48	4
		ALEXANDRIA	360	22	50	03	2	5	Ac	21.8	15	48	4
	318	Alex. (Airport)	360	13	18	03	1	7	Cu, Ac	21.5	16	52	6
	330	DAMIETTA	340	9	35	02	1	5	Ac, Ci	20.2	16	49	5
	333	PORT SA'ÎD	350	17	30	03	1	5	Cu, Ci	20.4	17	56	8
	336	EL 'ARISH	310	6	30	02	2	6	Cu, Ci	18.4	17	49	6
Lower Egypt	339	DAMANHUR	40	13	15	02	1	4	Ci	20.7	17	42	4
	342	MANSURA	360	5	35	02	1	2	Cu	20.6	18	37	3
	348	TANTA	330	13	35	03	2	7	Cu	19.9	17	42	4
	354	ZAGAZIG	320	2	50	03	1	4	Cu	19.9	21	50	10
	440	ISMA'ILIA	20	4	35	03	1	6	Ac, Ci	19.4	19	30	1
Cairo Area	366	Cairo (Airport)	20	8	18	04	0	7	Cu, Cs	19.3	19	43	6
	372	ALMÂZA	10	18	30	02	2	7	Cu, Cs	19.2	18	49	7
		EZBEKIYA	340	3?	18	03	0	6	Cu, Ci	19.4?	20	41	6
		GÎZA	340	3?	18	03	0	6	Cu, Ci	19.0	19	43	6
	378	HELWÂN	360	8	15	02	2	7	Cu, Cs	19.1	19	37	4
Upper Egypt	381	FAIYÛM	360	7	35	02	2	8	As	18.7	20	46	8
	387	MINYA	350	16	10	03	1	6	Ci	17.4	21	38	6
	393	ASYÛT MANQABÂD	340	10	30	02	1	5	Ac, Ci	16.1	25	24	3
	399	NAG' HAMMADI	340	1		02	0	5	Sc	14.7	26	37	10
	402	QENA	270	1	50	02	1	6	Ci	13.6	27	27	6
	405	LUXOR	330	7	30	01	2	4	Ci	13.5	26	21	2
	414	ASWAN	340	4	50	01	1	3	Ci	11.4	30	11	-4
Oases	417	SÎWA	110	10	14	03	2	6	Ac, Cs	21.1	21	23	-1
	420	BAHARÎYA	40	3	35	02	2	7	Ac	19.9	21	57	12
	423	FARAFRA	40	15	15	01	1	5	Ci	19.9	22	19	-3
	432	DAKHLA	20	11	35	01	2	5	Ci	16.2	25	11	-8
	435	KHARGA	10	2	15	02	1	3	Ac	14.3	25	11	-8
Red Sea	450	SUEZ	310	5	50	03	0	3	Sc	18.3	19	37	4
	459	TOR	310	13	35	01	1	6	Ci	15.8	20	56	11
	462	HURGHÂDA	340	16	30	03	2	6	Ci	14.4	20	56	11
	465	QUSEIR	360	13	15	03	1	5	As, Ci	13.9	22	41	8
	641	PORT SÛDÂN		14	10	06	2	7	Sc	9.3	26	70	20
North Sûdân	600	WÂDI HALFA	360	15	30	03	0	4	Ci	9.2	31	7	-9
	640	ABU HAMAD	20	2	30	02	0	0	—		36	9	-2
	660	KAREIMA	40	9	30	02	0	0	—	5.7	35	9	-3
	680	'ATBARA											
	721	KHARTUM	20	13	30	02	0	0	—	3.0	36	12	2
	730	KASSALA	360	6	30	02	0	0	—	999.1	40	17	11
Central Sûdân	751	WAD MEDANI	360	5	35	02	0	0	—	1.7	32	15	7
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	70	12	30	02	0	0	—	4.0	34	12	1
	760	EL FASHER	40	2	30	02	0	0	—		35	13	3
	770	GENEINA											
S. Sûdân	840	MALAKÂL	50	5	30	02	0	0	—	3.8	39	20	12
	880	WAU	90	11	10	04	1	5	Cu	0.5	40	17	11
	941	JUBA	40	5	30	02	0	5	Cu, Ac	999.4	41	20	14

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	40	19	15	21	8	8	As	21.6	12	77	6	dr.
SÎDI BARÂNI	40	12	12	61		8	As	21.6	11	71	6	0.3
MATRÛH	10	11	14	02	2	6	Cu, Sc	21.9	12	72	7	0
EL DAB'A	360	6	7	00	0	0	—	21.5	13	55	4	0
ALEXANDRIA	40	17	35	00	0	0	—	21.5	12	63	5	0
Alex. (Airport)	340	5	12	01	1	0	—	20.8	12	63	5	0
DAMIETTA	340	5	7	00	1	0	—	20.8	13	67	7	0
PORT SA'ÎD	30	11	12	02	2	4	Sc, Ci	20.7	14	67	8	0
EL 'ARISH	20	6	14	01	2	1	Sc, Cu	19.3	13	67	7	0
DAMANHUR	40	9	7	02	0	0	—	21.6	11	63	4	0
MANSURA	20	5		00	1	0	—	21.0	12	63	5	0
TANTA	00	0	35	01	1	3	Cu	20.4	12	63	5	0
ZAGAZIG	00	0	35	02	1	4		20.3	12	77	8	0
ISMA'ILIA	360	2	35	01	0	0	—	20.7	13	55	4	0
Cairo (Airport)	20	3	12	01	1	2	Ci	20.3	13	55	4	0
ALMÂZA	30	11	12	02	2	6	Cs	20.6	13	55	4	0
EZBEKIYA	360	6?	10	01	2	4	Ci	20.3	14	52	4	0
GÎZA	360	6?	10	01	2	4	Ci	19.8?	13	63	6	0
HELWÂN	360	11	15	01	1	6	Cs	20.7	13	44	1	0
FAIYÛM	00	0	35	01	1	4	As	19.9	15	59	7	0
MINYA	350	11	8	01	2	0	—	18.7	16	56	7	0
ASYÛT MANQABÂD	310	8	12	01	1	1	Ci	17.2	18	49	7	0
NAG' HAMMADI	250	2		01	0	3	Ac	15.2	17	52	7	0
QENA	00	0	7	02	1	4	Ci	14.0	20	41	6	0
LUXOR	360	4	12	03	1	3	Ac	14.2	22	21	-1	0
ASWAN	360	6	50	00	0	0	—	12.8	27	4	-8	0
SÎWA	100	12	8	02	2	8	Ns, Ac	20.3	19	37	4	0
BAHARÎYA	360	3	15	02	1	0	—	20.0	17	60	9?	0
FARAFRA	40	5	15	00	2	0	—	19.5	18	28	-1	0
DAKHLA	360	4	15	01	2	5	Ci	16.4	21	14	-8	0
KHARGA	360	4	15	01	1	2	Ac	15.1	21	20	-3	0
SUEZ	360	6	15	01	0	0	—	19.6	14	55	5	0
TOR	310	13	15	02	1	0	—	15.9	19	52	9	0
HURGHÂDA	310	24	12	01	2	3	Ci	13.9	19	56	10	0
QUSEIR	330	9	15	01	1	2	Ci	14.3	22	44	4	0

At 0600 on Monday 16th March, 1953

Station	Wind 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	40	9	15	64	6	8	As	21.0	+4.8	11			9	-2	77	7	4	31	
SÎDI BARÂNI	60	5	13	61	6	8	As	21.1		11	16		9		77	7	7	100	
MATRÛH	30	4	30	61	6	8	Cu, As	21.4	+4.8	11	17		10		68	9	1	45	
EL DAB'A	20	8	15	02	1	4	Cu	20.0		14	16				67	8	0	86	
ALEXANDRIA	90	4	50	03	1	4	Sc	20.0	+4.1	13	16	-5	11	-2	67	7	0	112	176
Alex. (Airport)	00	0	14	03	1	6	Sc, Cs	19.7	+3.2	12			8	-3	71	8	0	110	135
DAMIETTA	360	2	7	03	1	4	Cu, Ac	19.9	+4.1	13	16	-4	9	-2	67	7	0	52	96
PORT SA'ÎD	60	10	12	02	0	5	Sc, Ci	19.6	+3.3	14	17	-2	12	-1	55	5	0	58	
EL 'ARISH	100	2	30	03	2	6	Sc, Cu	19.3	+3.0	13	18		9		51	3	0	37	
DAMANHÛR	130	9	7	02	1	1	Ci	1?.2	+3.0	12	18	-5	9	-1	63	5	0	Rain	64
MANSÛRA	40	5	35	00	0	0	—	19.0	+3.0	12	19	-4	9	-1	63	5	0	39	45
TANTA	360	2	35	02	0	0	—	19.1	+2.8	11	19	-5	6	-3	77	7	0	15	34
ZAGAZIG	00	0	35	02	0	0	—	19.2	+3.0	12	22	-2	7	-2	77	8	0	26	23
ISMAÎLIA	90	2	35	03	1	6	Ac, Ci	19.4		13	20		8		55	4	0	29	
Cairo (Airport)	70	2	12	03	0	6	Cs	18.8		12	20		8		59	4	0	6	
ALMÂZA	20	6	14	02	2	5	Ac, Ci	18.9	+2.1	10	19	-4	8	-3	71	5	0	8	
EZBEKIYA	310	2?	4	05	0	2	Ci	19.0	+2.7	10	20	-5	8	-3	71	5	0	15	21
GÎZA	310	2?	4	05	0	2	Ci	18.8	+2.2	12	20	-4	7	-1	67	6	0	43	20
HELWÂN	40	11	15	01	1	5	Cc	18.8	+2.5	12	20	-4	9	-2	63	5	0	3	22
FAIYÛM	00	0	35	01	2	7	Ci	18.8	+2.4	11	20	-5	8	-2	77	7	0	13	7
MINYA	360	8	8	03	2	6	Ac	18.1	+0.6	10	22	-3	6	-2	71	5	0	1	
ASYÛT MANQABÂD	290	6	12	03	1	7	Ac	17.5	+1.3	13	25	0	9	0	48	2	0	2	
NAG' HAMMÂDI	340	1		01	0	4	Ac, Ci	16.6	+1.0	14	28	+1	11	+2	67	8	0	0.1	
QENA	320	1	35	03	1	6	Ci	16.0	+1.1	19	24	-2	12	0	37	4	0	2	
LUXOR	30	3	18	03	1	7	Ac, Cs	15.2	-0.2	16			11		45	4	0	1	
ASWÂN	340	3	50	01	1	2	Ci	14.3	-0.6	20	31	0	17	+2	24	-1	0	0.1	
SÎWA	90	11	13	03	5	6	Ac	20.7	+2.8	12	23	-2	11	+3	63	5	0.1	2	7
BAHARÎYA	20	8	35	02	2	6	Ac	20.0	+3.2	11	22	-3	10	+1	77	7	dr.	dr.	7
FARAFRA	40	5	35	01	1	3	Ci	18.6		14	22		11		48	3	0	0	
DAKHLA	20	19	35	01	0	8	Ci	16.8	+0.4	16	26	-2	13	+3	42	3	0	0	
KHARGA	360	9	15	02	2	5	Sc	15.4	-0.4	16	26	-3	14	+3	45	4	0	0	
SUEZ	360	4	35	00	0	6	Cu	19.0	+3.0	12	20	-4	5	-7	63	5	0	42	14
TOR	310	9	35	02	1	5	Ac	16.4	+1.8	18	20	4	16	+3	52	8	0	Rain	12
HURGHADA	280	7	14	03	2	6	Ac	15.4	-0.1	16	21	-1	12	0	36	1?	0	7	
QUSEIR	360	9	15	03	1	4	Ac	14.3	+0.1	19	23	-2	17	0	46	7	0	8	4
PORT SÛDÀN	340	14	30	02	2	6		11.0								17	0		
WÀDI HALFA	360	6	30	02	0	3		13.9		18					24	-3	0		
ABU HAMAD	360	7	30	03	0	3				23	37		17		11	-9	0		
KAREIMA	50	4	30	03	0	1	Ci	10.8		22	36		19		16	-5	0		
'ATBARA																			
KHARTÙM	360	5	30	02	0	0	—	8.7		24	37		20		17	-3	0		
KASSALA	280	2	30	02	0	0	—	6.8		26	42		21		58	17	0		
WAD MEDANI	50	5	35	02	0	0	—	7.6		25	39		19		30	6	0		
RENK																			
ROSEIRES																			
EL OBEID	340	3	30	03	1	4	Ac	9.8		21	35		21		17	-5	0		
EL FASHER	00	0	30	03	0	2	Ci			19	37		14		28	0	0		
GENEINA	50	9	30	01	1	2	Ci			23	37		16		10	-10	0		
MALAKÀL	40	8	30	01	1	3	Ac	7.3		33	41		27		17	5	0		
WÀU	00	0	10	03	1	3	Ac	9.3		27	41		23		48	15	0		
JUBA																			

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	60	-5
Ezbekiya	55	-5
Giza	63	0
Helwan	52	+6

GIZA

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

Cairo Airport — On 15th At 15

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	172	16		360	7
950					
900					
850	1523	6		360	9
800					
700	3103	3		320	34
600					
500	5773	-11		310	49
400	7450	-23		310	52
300	9502	-37			

Airport — On At

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

Airport — On At

Pressure 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	Matruh		Alex. A.P		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		Farafra		S. Barani		Asyut	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	7	340	15	330	19	320	20	350	12	360	16	340	16	350	12	360	17	30	22	40	14	50	16	360	19
600	20	11	340	16	340	24	360	20	350	17	360	17	340	15	360	14	10	13	20	25	40	13	60	17	20	24
1000	20	4			340	21	330	18	340	6	10	17	340	19	10	17	10	18	20	27	10	11			30	18
1500	360	17			20	35	340	10	330	17	10	18	340	27	30	14			20	21	30	7			360	22
2000					310	24			330	30	340	16	320	20	10	31					50	23			340	17
3000					320	54			310	54			350	27							360	14				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time			8		8		8		7		7		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	6	360	5	50	9	120	7	50	12	10	10	320	9	10	5					50	17
600			80	8	40	4	60	9	110	9	60	14	30	16	20	19	20	13					40	21
1000			30	13	360	2	60	8	80	12	40	10	30	17	360	14	10	19					30	18
1500			320	19	330	15	10	3	30	10	340	23	340	12	360	16	330	13					30	13
2000							360	16	320	32	320	25	10	19	320	20	320	26					310	32
3000											290	40			310	39	320	29					290	35
4000															300	43								
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		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	10	90	8	10	30	30	16														
600			40	4	100	14	20	31	50	21	50	20	60	26	20	23			20	19			70	9
1000			60	7	80	13	30	30	40	17	40	23	60	23									50	16
1500			60	11	30	18	40	21	30	19	30	23	50	15	10	18			30	28			70	13
2000			60	13			360	24							360	14							120	9
3000									20	21	320	10	330	11	360	9			90	1				
4000									350	9														
5000									20	33	240	20											100	11
6000											260	27											10	15
7000																							190	9
8000																							190	10

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

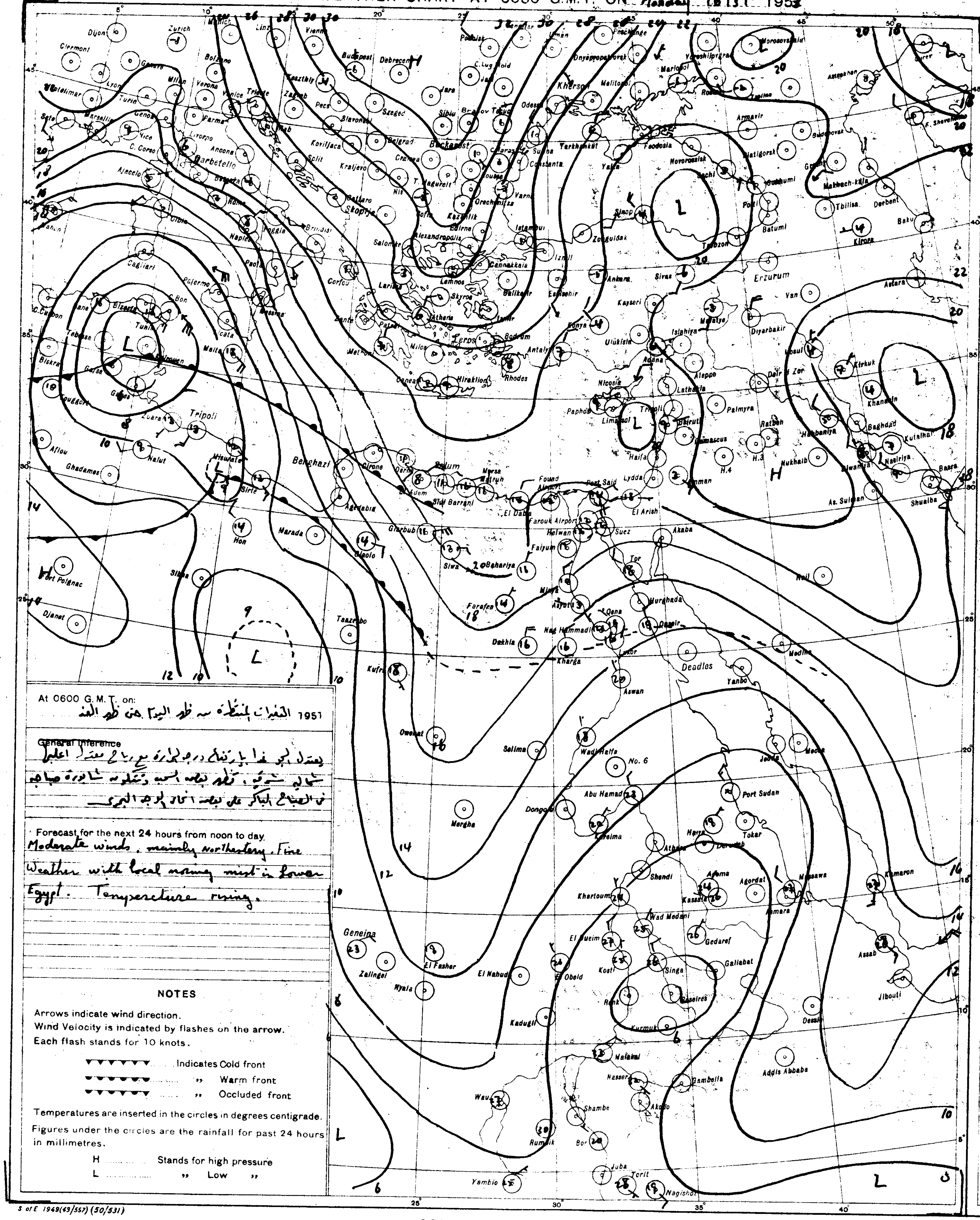
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49 553) (50/53)

Annual Subscription P.T. 50

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 16.3.1953



SCALE 1:15,000,000

At 0600 G.M.T. on: التغيرات المنتظرة من ظهر اليوم حتى ظهر الغد 1951

~~General Inference~~

يعتدل الجو غدا بارتفاع درجة الحرارة مع رياح معتدلة اغلبها شمالية شرقية. تظهر بعض السحب وتتكون شابورة صباحية في الصباح الباكر على بعض انحاء الوجه البحري

Forecast for the next 24 hours from noon to day.
Moderate winds, mainly northeastery. Fine Weather with local morning mist in Lower Egypt. Temperature rising.

NOTES

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

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

Temperatures are inserted in the 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	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

LIBRARY ... WEATHER BUREAU

CAIRO

Time of Sunrise 04 03 G.M.T.

" " Sunset 16 04 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 17th March, 1952 3

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	40	13	35	03	2	7	AC	17.1	15	63	8
	303	SÎDI BARÂNI	40	14	14	02	6	7	Sc	17.3	14	67	8
	306	MATRÛH	80	5	14	03	6?	3	Cu	18.1	16	64	9
	309	EL DAB'A	70	6	35	01	1	1	Cu	18.3	15	48	4
		ALEXANDRIA	40	12	50	01	2	3	AC	19.0	15	48	4
	318	FOUAD (Airport)	00	0	18	01	2	1	Ci	18.4	16	45	4
	330	DAMIETTA	20	5	15	03	1	7	Cu, AC	19.0	15	48	4
	333	PORT SA'ÎD	40	9	30	02	0	7	Cu, SC	18.7	15	63	8
	336	EL 'ARISH	360	4	30	03	1	5	AS, Ci	18.2	15	45	3
Lower Egypt	339	DAMANHUR	130	9	15	02	1	1	Cu	19.0	18	46	6
	342	MANSURA	20	5	35	03	2	5	AC	18.2	18	46	6
	348	TANTA	360	5	35	01	1	3	Ci	18.8	19	37	4
	354	ZAGAZIG	00	0	50	02	1	3	Cu	18.3	20	41	6
	440	ISMA'ILIA	40	5	35	02	1	4	AC	18.0	18	28	-1
Cairo Area	366	Cairo (Airport)	70	8	30	01	1	3	AS, Ci	16.9	18	37	3
	372	ALMÂZA	40	13	30	03	1	3	AC, Ci	16.7	18	37	3
		EZBEKÎYA	340	3	18	03	0	3	AC	17.0	19	37	4
		GÎZA	340	3	18	03	0	3	AC	16.6	19	35	3
	378	HELWÂN	20	8	35	03	1	3	AC, CC	16.7	18	37	3
Upper Egypt	381	FAIYÛM	360	6	35	01	1	1	Ci	17.0	20	41	6
	387	MINYA	10	10	10	02	2	0	—	16.5	22	41	8
	393	ASYÛT MANQABÂD	340	10	30	01	1	1	AC	15.0	24	13	-7
	399	NAG' HAMMÂDI	320		7	01	1	5	AC, CS	14.4	26	37	10
	402	QENA	270	1	50	02	1	6	CS	13.0	29	23	6
	405	LUXOR	20	4	30	02	2	5	AC	12.4	27	19	1
	414	ASWÂN	360	6	50	01	1	3	Ci	11.1	29	19	3
Oases	417	SÎWA	130	12	14	00	0	0	—	16.8	22	25	1
	420	BAHARÎYA	40	2	35	02	1	0	—	17.6	22	57	13
	423	FARAFRA	20	10	35	00	0	0	—	17.4	22	21	-1
	432	DAKHLA	00	0	50	00	0	0	—	15.1	25	17	-2
	435	KHARGA	360	1	15	01	2	3	As	14.4	26	25	1
Red Sea	450	SUEZ	360	7	50	01	0	1	Cu	17.5	18	37	3
	459	TÔR	310	13	35	01	2	2	AC	15.9	19	52	9
	462	HURGHÂDA	330	16	18	02	0	4	Ci	14.3	20	56	11
	465	QUSEIR	360	19	15	03	1	6	CS	13.9	22	44	4
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA	360	5	30	02	0	0	—	1.5	39	28	17
Central Sûdân	751	WÂD MEDANI	360	5	35	02	0	0	—	2.0	39	16	9
	801	RENK	310	5	35	02	0	2	AC		41	20	14
	802	ROSEIRES	310	2	35	02	0	0	—	1.0	40	16	10
	771	EL OBEID	50	9	30	02	0	0	—	3.7	36	7	-5
	760	EL FÂSHER	40	3	30	03	0	1	Ci		36	13	4
	770	GENEINA	00	0	30	02	0	0	—		36	5	-10
S. Sûdân	840	MALAKÂL	180	2	30	02	0	1		1.9	40	12	6
	880	WÂU	70	8	10	04	2	6	Cu, AC	1.8	40	14	8
	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	70	13	15	00	0	0	—	16.6	12	63	5	0
SÎDI BARÂNI	90	12	14	01	1	2	Sc	16.4	13	72	8	1
MATRÛH	80	8	15	01	6?	0	—	16.4	12	82	9	1
EL DAB'A	70	5	7	00	0	0	—	17.3	12	63	5	0
ALEXANDRIA	90	11	35	00	0	0	—	18.2	13			0
FOUAD (Airport)	70	3	14	02	1	3	Ci	17.7	12	72	7	0
DAMIETTA	40	5		01	0	0	—	18.4	13	67	7	0
PORT SA'ÎD	80	12	18	02	0	2	Cu	18.7	14	55	5	0
EL 'ARISH	30	4	14	01	1	6	SC	17.6	13	51	3	0
DAMANHUR	130	9	15	02	1	0	—	18.7	12	63	5	0
MANSURA	40	5		00	1	0	—	18.7	13	67	7	0
TANTA	360	2	35	02	1	0	—	18.0	12	77	8	0
ZAGAZIG	00	0	35	02	0	0	—	17.9	12	63	5	0
ISMA'ILIA	20	5	35	01	0	0	—	17.8	14	48	3	0
Cairo (Airport)	70	12	12	00	0	0	—	17.2	14	45	2	0
ALMÂZA	40	10	12	00	0	0	—	17.4	15	42	2	0
EZBEKÎYA	360	5	10	00	1	0	—	16.8	15	52	5	0
GÎZA	360	5	10	00	1	0	—	16.8	15	45	3	0
HELWÂN	20	5	15	02	0	0	—	17.4	15	39	1	0
FAIYÛM	360	4	15	01	0	0	—	17.0	15	48	4	0
MINYA	360	4	8	02	0	0	—	16.2	15	59	7	0
ASYÛT MANQABÂD	310	5	12	02	0	0	—	15.6	16			0
NAG' HAMMÂDI	270	1	7	00	1	0	—	14.7	20	56	11	0
QENA	270	2	7	02	1	4	Ci	13.5	21	57	12	0
LUXOR	250	1	12	00	2	0	—	13.4	22	25	1	0
ASWÂN	340	6	50	00	0	0	—	13.1	26	25	4	0
SÎWA	110	9	8	03	0	1	NS	14.3	20	26	0	0
BAHARÎYA	90	1	15	02	0	0	—	16.4	18	52	8	0
FARAFRA	70	5	35	00	0	0	—	16.2	19	23	-3	0
DAKHLA	90	9	35	00	0	0	—	14.4	21	20	-3	0
KHARGA	00	0	15	00	1	0	—	14.7	22	21	-1	0
SUEZ	360	6	15	02	0	0	—	16.8	15	39	1	0
TÔR	360	9	15	02	0	0	—	15.9	19	52	4	0
HURGHÂDA	320	16	12	02	0	0	—	14.3	20	56	11	0
QUSEIR	20	5	15	01	1	2	Ci	13.4	21	41	7	0
PORT SÛDÂN to JUBA												

At 0600 on Tuesday 17th March, 1953

Station	Wind 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	90	13	15	02	1	5	Sc	13.3	-2.9	14			10	-1	67	8	1	32	
SÎDI BARÂNI	120	8	15	02	1	4	Sc	13.4		11	15		9		82	8	1	101	
MATRÛH	120	12	14	03	2	2	NS	13.3	-3.2	12	16		9		77	8	1?	46	
EL DAB'A	110	13	15	02	1	4	Cu	14.2		13	16		10		68	11	0	86	
ALEXANDRIA	90	13	50	03	5	4	Sc	14.9	-1.1	13	16	-5	10	-3	67	7	dr.	112	176
FOUAD (Airport)	100	2	18	03	1	4	Cu, Ci	15.7	-0.8	12	16	-4	10	-1	72	7	0	110	135
DAMIETTA	110	5	7	02	1	2	Cu, AS	16.0	+0.2	14	16	-4	10	-1	55	5	0	52	97
PORT SA'ÎD	90	16	14	03	0	5	Sc	16.2	-0.1	14	18	-1	13	0	67	8	0	58	
EL 'ARISH	170	2	30	03	1	2	Sc	15.6	-0.6	13	16		7		51	3	0	37	
DAMANHÛR	180	13	15	02	1	2	Ci	15.8	-0.4	13	19	-4	8	-2	67	7	0	Rain	69
MANSÛRA	40	5	35	00	0	0	—	15.9	-0.1	13	19	-4	8	-2	67	7	0	39	45
TANTA	90	8	35	02	1	0	—	15.5	-1.1	12	20	4	7	-2	63	5	0	14	34
ZAGAZIG	00	0	35	02	0	0	—	15.0	-1.2	12	21	-3	8	-1	77	8	0	26	23
ISMAILIA	90	5	35	01	0	0	—	15.5		13	19		8		55	4	0	29	
Cairo (Airport)	70	12	18	03	0	2	AC	14.5		12	19		7		55	3	0	6	
ALMÂZA	40	15	14	02	1	2	Cu	14.2	-1.9	13	19	-4	10	-1	51	3	0	8	
EZBEKÎYA	360	2	10	02	0	2	Ac	14.4	-1.9	13	20	-5	10	-1	55	4	0	15	21
GÎZA	360	2	10	02	0	2	AC	14.0	-2.5	15	20	-4	9	+1	42	2	0	43	20
HELWÂN	20	3	7	02	1	2	AC	14.2	-2.0	15	19	-5	11	0	48	4	0	3	22
FAIYÛM	00	0	35	02	2	7	AS	13.6	-2.7	13	21	-4	9	-1	55	4	0	13	7
MINYA	20	3	8	02	1	1	AC, Ci	13.8	-3.7	13	23	-2	8	0	67	7	0	1	
ASYÛT MANQABÂD	320	5	4	03	1	2	AC	13.4	-2.7	14	26	+1	11	+2	55	5	0	2	
NAG' HAMMÂDI	00	0		01	1	4	Sc, AC	13.6	-1.9	17	26	-1	10	+1	60	9	0	0.1	
QENA	00	0	35	03	1	3	Ci	13.1	-1.7	21	30	-1	10	-2	41	7	0	2	
LUXOR	00	0	30	02	2	6	AC, Ci	12.5	-2.8	17	28		12		42	4	0	1	
ASWÂN	00	0	50	01	1	3	Ci	12.6	-2.2	21	30	-1	17	+2	33	4	0	0.1	
SÎWA	90	12	14	00	0	0	—	11.1	-6.7	14	23	-2	12	+4	52	4	0	2	7
BAHARÎYA	90	2	35	02	2	3	Cu	13.6	-3.2	15	22	-3	11	+2	68	9	0	dr.	7
FARAFRA	00	0	14	00	0	7	Ac	12.4		14			10		36	-1	0	0	
DAKHLA	110	19	50	03	0	4	Ci	12.4	-3.9	17	27	-1	12	+3	26	-3	0	0	
KHARGA	00	0	35	02	2	2	AC	13.0	-2.7	18	26	-3	13	+2	37	3	0	0	
SUEZ	00	0	35	00	0	3	Cu	15.0	-1.0	14	20	-4	6	-6	48	3	0	42	14
TÔR	40	5	35	01	1		AC	13.4	-1.2	18	21	-3			60	10	0	Rain	12
HURGHADA	260	2	30	03	1	4	Ac, Ci	13.4	-2.0	16	20	-2	11	-1	30	-2	0	7	
QUSEIR	330	2	15	03	1	6	AC	13.4	-0.8	18	22	-3	16	-1	46	6	0	8	4
PORT SÛDÂN																			
WÂDI HALFA																			
ABU HAMAD	00	0	30	02	0	0	—			24	37		19		18	-2	0		
KAREIMA																			
'ATBARA	20	6	30	02	0	0	—	8.8		25	39		19		36	9	0		
KHARTÛM	20	9	30	02	0	0	—	8.4		25	39		20		16	-3	0		
KASSALA	20	7	30	02	0	0	—	7.1		26	39		18		58	17	0		
WÂD MEDANI																			
RENK																			
ROSEIRES	270	2	35	02	0	1	Ci	6.1		30	40		24		25	8	0		
EL OBEID	20	11	30	02	0	0	—	7.3		26	37		19		11	-7	0		
EL FÂSHER																			
GENEINA																			
MALAKÂL																			
WÂU	360	3	10	04	2	7	AC	7.2		27	41		27		62	19	0		
JUBA																			

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	58	-7
Ezbekiya	55	-5
Giza	54	-9
Helwan	46	0

GÎZA GRASS MINIMUM TEMP on 17th 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

Cairo AIRPORT — On 16th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	147	19		60	13
950					
900					
850	1520	10		350	10
800					
700	3142	9		300	39
600					
500	5843	-7		280	49
400	7553			250	50
300	9643	-32			

AIRPORT — On At

Pressure 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	S. Barani		Matrah		Alex. A.P.		Almaza		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		Port Said		EL Arish		Farafra	
Time	14	30	14		14		14		14		14		14	15	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	80	17	100	9	40	7	50	21	340	10	320	13	250	3	340	16	80	12	20	15	50	15	20	20	60	9
600	200	14	100	14	90	7	50	20	340	10	340	12	320	2	340	16	70	16	20	17	40	20	20	22	70	6
1000	90	15	110	10	110	9	50	14	340	10	360	10	310	6	350	16	70	13	30	16	50	22	20	14	70	10
1500	290	17			340	7	40	13	360	15	340	16	360	21	50	9	100	6	360	13	20	36			80	10
2000	270	23			290	24	330	11	320	13	310	23	320	20			10	2	350	1'					90	13
3000							10	10					320	26			300	24							80	11
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Nouzha Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8		6		8		8		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	100	18	90	17	180	21	50	17	60	9	240	4	320	5	130	6							60	17
600	90	23	90	17	90	17	60	18	30	7	70	4	80	6	140	12							80	11
1000	90	25	100	10	90	22	80	10	60	7	270	2	140	5	130	16							90	5
1500			170	17	40	6	60	12	280	9	260	11	180	27	210	25							240	11
2000									280	19	250	26	240	35	240	23								
3000											260	30			260	38								
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		6						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	30	160	16	170	5	80	4																
600	110	30	160	18	180	18	150	13					70	22									20	26
1000	170	20	180	22	190	26	150	19					70	21										
1500	280	14	180	21	200	30	180	15															20	16
2000	280	14																					10	5
3000													330	17									350	10
4000																								
5000													290	21									140	12
6000													270	27										
7000																								
8000													270	36										

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

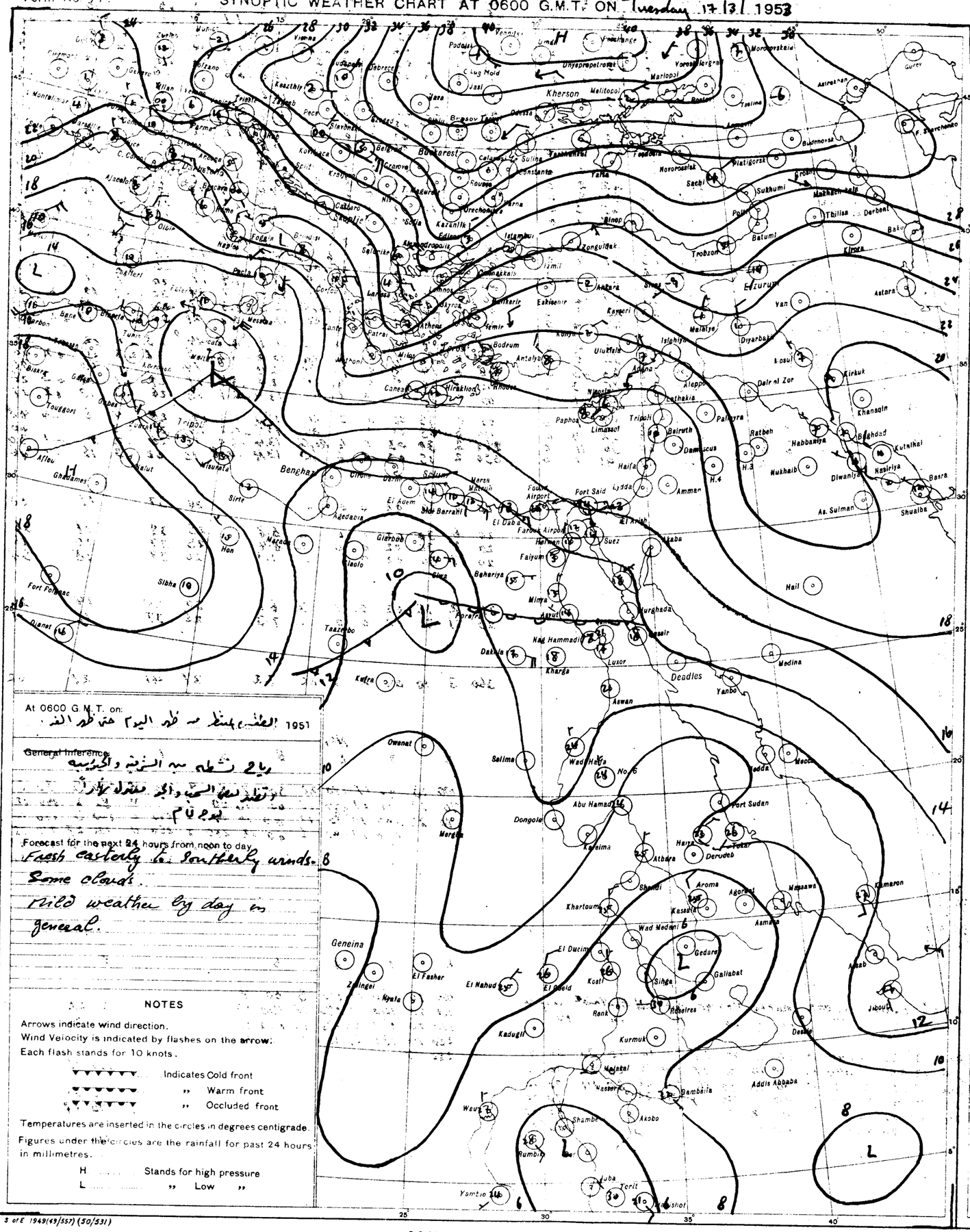
Note All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,552) (50/437)

Annual Subscription P.T. [illegible]

Form No. 7F

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 17/3/1953



At 0600 G.M.T. on: العشرين بعد ظهر اليوم حتى ظهر الغد 1951

General Inference

رياح شمالية شرقية وجنوبية
وتقلبية السحب وأكثر معتدل نهاراً
يوم عام

Forecast for the next 24 hours from noon to day.

Fresh easterly to southerly winds.
Some clouds.
Mild weather by day in general.

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the 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 1949(49/557) (50/531)

SCALE 1:15,000,000

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

Form 7F.

CAIRO
Time of Sunrise 04 02 G.M.T.
" " Sunset 16 05 G.M.T.

DAILY WEATHER REPORT

Date: Wednesday 18th March, 1952 3

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	SALÛM	20	4	35	01	0	2	Cu	12.6	16	68	10
	303	SÎDI BARÂNI	80	12	18	02	1	4	Cu	12.2	17	60	9
	306	MATRÛH	80	15	14	03	2	6	SC	12.5	17	56	8
	309	EL DABʻA	70	18	35	02	1	2	Cu	11.1	18	49	7
		ALEXANDRIA	40	22	50	01	2	4	AC	11.0	18	52	8
	318	Alex. (Airport)	70	17	18	01	1	3	AC	11.1	18	52	8
	330	DAMIETTA	140	9	35	03	1	6	Cu, AC	13.1	16	59	8
	333	PORT SAʻÎD	70	18	30	03	1	6	SC	13.1	15	68	9
	336	EL ʻARISH	30	3	18	95	9	8	Cb	13.1	14	67	8
Lower Egypt	339	DAMANHUR	180	13	15	02	1	1	Cu	11.5	20	41	6
	342	MANSURA	40	5	35	03	2	6	AC	11.2	19	46	7
	348	TANTA	90	13	35	01	1	3	Cu	11.5	20	46	8
	354	ZAGAZIG	40	2	50	02	1	0	—	11.4	20	46	8
	440	ISMAʻILIA	40	9	35	03	2	4	AC, Cu	11.9	19	37	4
Cairo Area	366	Cairo (Airport)	70	12	30	01	1	1	AC	10.8	22	27	2
	372	ALMÂZA	40	13	30	02	1	2	AC	10.8	22	25	1
		EZBEKÎYA	70	2?	18	01	0	1	AC	10.4	23	29	4
		GÎZA	70	2?	18	01	0	1	AC	9.6	24	24	2
	378	HELWÂN	40	7	35	01	1	2	AC	8.8	26	18	0
Upper Egypt	381	FAIYÛM	00	0	35	01	1	2	Ci	8.7	25	28	5
	387	MINYA	160	6	10	03	1	3	Ac, Ci	8.7	26	35	11
	393	ASYÛT MANQABÂD	40	5	15	02	2	7	AC	8.9	27	33	9
	399	NAGʻ HAMMÂDI	00	0	7	01	1	3	Ac, Ci	9.1	29	52	18
	402	QENA	270	1	50	02	1	6	CS	9.0	32	28	11
	405	LUXOR	260	1	30	02	2	6	Cs	8.6	32	20	6
	414	ASWÂN	220	3	50	01	1	2	Ci	6.4	36	17	7
Oases	417	SÎWA	00	0	12	00	0	0	—	9.6	25	26	4
	420	BAHARÎYA	180	3	18	02	1	3	AC	8.2	31	26	9
	423	FARAFRA	220	20	15	32	3	7	CS	8.0	31	12	-1
	432	DAKHLA	180	19	35	01	2	5	Ci	8.2	33	10	-3
	435	KHARGA	00	0	15	02	2	7	Cs	9.0	32	20	6
Red Sea	450	SUEZ	40	4	50	02	0	3	Cu	10.8	22	21	-1
	459	TÔR	140	[illegible]	35	03	1	3	AC	[illegible]	22	[illegible]	15
	462	HURGHÂDA	00	0	30	02	2	5	CS	10.4	22	57	13
	465	QUSEIR	120	2	15	03	2	7	AC	10.2	22	65	15
	641	PORT SUDÂN	40	11	30	02	0	1	SC	9.3	27	66	20
North Sûdân	600	WÂDI HALFA	160	8	30	02	0	1	Ci	5.7	37	11	1
	640	ABU HAMAD	40	3	30	02	0	1	Ci		38	11	2
	660	KAREIMA	60	6	30	02	0	0	—	5.0	38	10	1
	680	ʻATBARA	340	10	30	02	0	0	—		39	7	-3
	721	KHARTÛM	20	9	30	02	0	0	—	3.2	38	9	0
	730	KASSALA	20	3	30	02	0	0	—	0.9	39	14	7
Central Sûdân	751	WÂD MEDANI	50	4	35	02	0	0	—	1.4	40	8	0
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—		38	16	8
	771	EL OBEID	50	12	30	02	0	0	—	2.1	38	7	-3
	760	EL FÂSHER	40	3	30	02	0	0	—		38	15	7
	770	GENEINA	00	0	30	02	0	1	Ci		38	7	-4
S. Sûdân	840	MALAKÂL	310	3	30	03	1	6	Ci	1.3	42	9	2
	880	WÂU	70	6	10	04	2	7	Ci	0.2	40	17	11
	941	JUBA	50	4	30	02	2	7	Cb, Ac	999.4	40	20	13

At 1800 on Tuesday 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	70	9	15	03	1	7	Cc	12.8	16	72	11	0
SÎDI BARÂNI	80	8	14	02	1	4	SC	12.5	14	72	9	0
MATRÛH	40	10	11	02	1	6	SC	12.0	13	72	8	0
EL DABʻA												
ALEXANDRIA	40	20	35	02	2	5	Cu	10.8	14	67	8	0
Alex. (Airport)	60	16	12	03	1	4	SC	10.6	13	72	8	0
DAMIETTA	40	5	7	01	1	2	AC	10.8	14	67	8	0
PORT SAʻÎD	50	20	14	01	1	2	SC	10.1	14	77	10	0
EL ʻARISH	80	3	14	13	5	2	SC	7.3	14	67	8	dr.
DAMANHUR	180	13	15	02	0	0	—	9.9	12	77	8	0
MANSURA	20	5		00	1	0	—	9.8	13	77	9	0
TANTA	40	2	35	02	1	0	—	9.9	13	77	9	0
ZAGAZIG	40	3	35	02	0	0	—	9.0	14	67	8	0
ISMAʻILIA	20	13	35	01	1	4	Cu	9.0	14	67	8	0
Cairo (Airport)	70	21	12	02	0	0	—	8.8	15	59	7	0
ALMÂZA	60	25	12	00	0	0	—	8.8	15	59	7	0
EZBEKÎYA			10	06	0	0	—	8.3	18	49	7	0
GÎZA			10	06	0	0	—	7.6	15	59	7	0
HELWÂN	20	24	15	02	0	0	—	6.3	16	49	5	0
FAIYÛM	00	0	35	01	0	0	—	5.6	19	37	4	0
MINYA	230	8	8	01	1	0	—	5.6	26	21	2	0
ASYÛT MANQABÂD	260	2	8	01	1	4	AC	6.4	28	20	3	0
NAGʻ HAMMÂDI	140	1		01	1	3	Cb, AC	8.0	22	57	13	0
QENA	00	0	7	02	1	4	Ci	8.2	24	47	12	0
LUXOR	00	0	12	01	2	2	SC	7.4	27	33	9	0
ASWÂN	00	0	50	00	0	0	—	7.8	32	20	6	0
SÎWA	260	5	10	00	0	0	—	10.6	20	33	3	0
BAHARÎYA	320	3	15	02	0	0	—	9.0	22	50	11	0
FARAFRA	270	25	15	00	2	0	—	9.1	23	12	-8	0
DAKHLA	320	26	15	35	3	0	—	9.1	26	13	-5	0
KHARGA	00	0	15	00	1	0	—	7.5	26	22	4	0
SUEZ	310	8	15	01	0	0	—	8.4	17	52	7	0
TÔR	310	9	15	13	1	4	AC	7.8	20			0
HURGHÂDA	100	3	12	02	0	0	—	8.1	20	69	14	0
QUSEIR	40	2	15	01	1	5	AC, Ci	9.6	21	65	14	0

At 0600 on Wednesday 18th march, 1953

Station	Wind 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	360	4	15	03	6	8	SC, AC	14.2	-1.9	13	19	-2	12	+1	68	11	2	34	
SÎDI BARÂNI	350	10	15	02	8	7	Cu, SC	13.2		13	17		12		82	10	2	103	
MATRÛH	00	0	15	02	6	7	SC	13.1	-3.4	12	18		10		97	12?	2	48	
EL DABʻA																			
ALEXANDRIA	90	4	50	03	2	5	Cu	13.1	-2.7	16	19	-2	13	0	68	10	1	113	176
Alex. (Airport)	00	0	18	02	2	6	Cu, SC	12.7	-3.8	14	19	-1	11	0	77	10	0	110	135
DAMIETTA	340	5	7	03	1	6	Cu, AC	11.9	-3.8	15	16	-4	12	+1	59	7	0	52	97
PORT SAʻÎD	330	13	10	01	2	4	SC	11.7	-4.6	14	16	-3	14	+1	72	9	0	58	
EL ʻARISH	320	6	30	03	1	3	Cu, SC	10.1	-6.1	16	17		14		68	10	dr.	37	
DAMANHÛR	360	5	15	02	0	0	—	12.6	-3.5	14	20	-3	8	-2	77	10	0	Rain	69
MANSÛRA	360	2	15	00	0	0	—	12.3	-3.6	14	20	-3	10	0	67	8	0	39	45
TANTA	310	2	35	02	0	0	—	12.2	-4.3	14	20	-4	8	-1	77	10	0	15	34
ZAGAZIG	00	0	35	02	1	7	Cu	11.8	-4.3	13	21	-3	7	-2	77	8	0	26	23
ISMAʻILIA	340	5	35	03	1	6	AS	11.6		15	20		10		68	9	0	29	
Cairo (Airport)	00	0	14	01	2	2	Sc	12.1		12	23		8		77	8	0	6	
ALMÂZA	00	0	18	01	1	2	Sc, Cu	12.4	-4.3	10?	23	0	8	-3	94	9	0	8	
EZBEKÎYA	350	2	8	02	0	1	Cu	11.8?	-4.4	12	25	0	10	-1	77	8	0	15	21
GÎZA	350	2	8	02	0	1	Cu	12.3	-4.2	13	24	0	9	+1	72	8	0	43	20
HELWÂN	340	6	7	05	0	0	—	12.7	-3.5	12	26	+2	9	-2	77	8	0	3	22
FAIYÛM	360	4	35	02	0	0	—	13.0	-3.3	13	27	+1	10	0	77	9	0	13	7
MINYA	350	8	10	02	0	0	—	12.8	-4.6	13	30	+5	8	0	72	8	0	1	
ASYÛT MANQABAD	280	5	8	02	0	0	—	12.9	-3.1	12	32	+6	10	+1	77	8	0	2	
NAGʻ HAMMÂDI	260	3		00	0	0	—	12.2	-3.2	18	31	+4	16	+7	52	8	0	0.1	
QENA	270	1	35	00	0	0	—	10.7	-4.1	24	34	+3	16	+4	32	6	0	2	
LUXOR	320	4	30	03	0	1	Ci	10.3	-4.9	22	34		19		33	5	0	1	
ASWÂN	360	6	50	00	0	0	—	10.2	-4.6	24	37	+6	20	+5	26	3	0	0.1	
SÎWA	00	0	14	00	0	0	—	15.5	-2.2	11	26	+1	7	-1	88	9	0	2	7
BAHARÎYA	00	0	35	02	0	0	—	14.2	-2.5		31	+5	4	0		9	0	dr.	7
FARAFRA	00	0	15	00	0	0	—	14.6		14	32		10		67	8	0	0	
DAKHLA	340	26	7	35	3	0	—	12.7	-3.5	15	34	+5	12	+2	48	4	0	0	
KHARGA	360	1	7	02	1	3	Ci	11.5	-4.2	18	32	+3	16	+4	37	3	0	0	
SUEZ	310	5	35	00	0	4	Sc	12.3	-3.7	15	25	+1	10	-2	68	9	0	42	14
TÔR	310	13	35	02	1	0	—	10.6	-3.9	19	23	-1	16	+3	64	12	0	Rain	12
HURGHADA	270	13	14	02	0	0	—	8.6	-6.8	21	23	+1	18	+6	57	12	0	7	
QUSEIR	40	5	15	00	1	2	Ci	7.8	-6.3	22	23	-2	18	+1	83	19	0	8	4
PORT SÛDÂN																			
WÂDI HALFA	350	8	7	05	0	0	—	9.5		23	39		19		19	-2	0		
ABU HAMAD	00	0	30	02	0	0	—			26	39		18		20	1	0		
KAREIMA	40	4	30	02	0	0	—	7.3		26	39		20		27	5	0		
ʻATBARA	20	1	30	02	0	0	—	6.7		26	39		19		32	8	0		
KHARTÛM	360	6	30	02	0	0	—	5.7		27	39		21		27	6	0		
KASSALA	300	1	30	03	0	1	AC	5.7		26	40		17		48	14	0		
WÂD MEDANI	50	5	35	02	0	0	—	6.2		27	41		19		33	9	0		
RENK																			
ROSEIRES	310	2	35	02	0	1	AC	5.7		29	39		21		25	7	0		
EL OBEID	30	9	30	03	0	2	CS	5.1		28	39		19		14	-2	0		
EL FÂSHER	00	0	30	03	1	8	CS			21	39		16		28	2	0		
GENEINA	50	3	30	03	0	7	CS			22	39		15		17	-4	0		
MALAKÂL																			
WÂU	00	0	10	04	0	0	—	5.1		26	42		22		45	13	0		
JUBA	180	7	30	04	0	7	AC, Ci	4.3		30	41		23		38	14	0		

HUMIDITY % Mean of day

Station	on 17th	Diff from normal
Alexandria	61	+2
Ezbekiya	47	-13
Gîza	46	-17
Helwan	42	-4

GÎZA GRASS MINIMUM TEMP. ON 18th 6.5 °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

Cairo AIRPORT On 17th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	79	22			
950					
900					
850	1464	14			
800					
700	3077	7			
600					
500	5735	-14			
400	7366	-27			
300	9406	-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 17th

Station	Matruh		Alex. A.P.		Port Said		Siwa		Luxor		S. Barani		El Arish		Minya		Asyut		Aswan		Kharga		Dakhla		Asyut	
Time	14		14		14		14		14	15	14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	70	20	60	20	60	15	290	16	200	5	80	18	30	9	140	5	210	15	350	13	170	6	250	28	270	28
600	70	19	70	20	70	17	240	14	200	9	80	15	120	8	130	8	220	9	340	13	180	10	250	25	270	31
1000	70	18	80	22	70	19	300	13	220	10	60	15	210	2	150	6	220	10	340	16	180	14	240	28	260	27
1500	50	10	60	23	80	19	330	16	230	28			270	15	160	8	250	4			200	11				
2000							290	27	240	16					180	4										
3000							270	30																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sîdi Barâni		Matrûh		Alex. Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8		8		8		3		7	15	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	320	2	330	3	300	18	20	17	20	11	320	7	320	11					340	21	340	10
600	350	7	270	2	320	4	310	13	20	13	40	11	310	9	340	15					300	29	340	12
1000			170	4	310	5	300	13	340	7	30	14	320	15	340	30					290	23	320	10
1500			300	14	310	10	280	12					310	30	320	24					230	22	340	6
2000													300	25										
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				4				4		4				4		3		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			340	18	340	23			10	17														
600			330	16	340	23			30	25			90	16	50	16							50	17
1000			360	8	300	15			10	14			70	13	30	17			30	23	20	7	40	25
1500			360	22					90	7			20	11	20	19			40	11	90	6	30	25
2000			360	16																				
3000			340	21					270	20			320	8					290	12	350	5	30	8
4000									230	34					320	10			300	7			180	2
5000															330	10					10	14	140	6
6000													280	32							200	7		
7000															250	9					120	4		
8000															270	15					30	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.

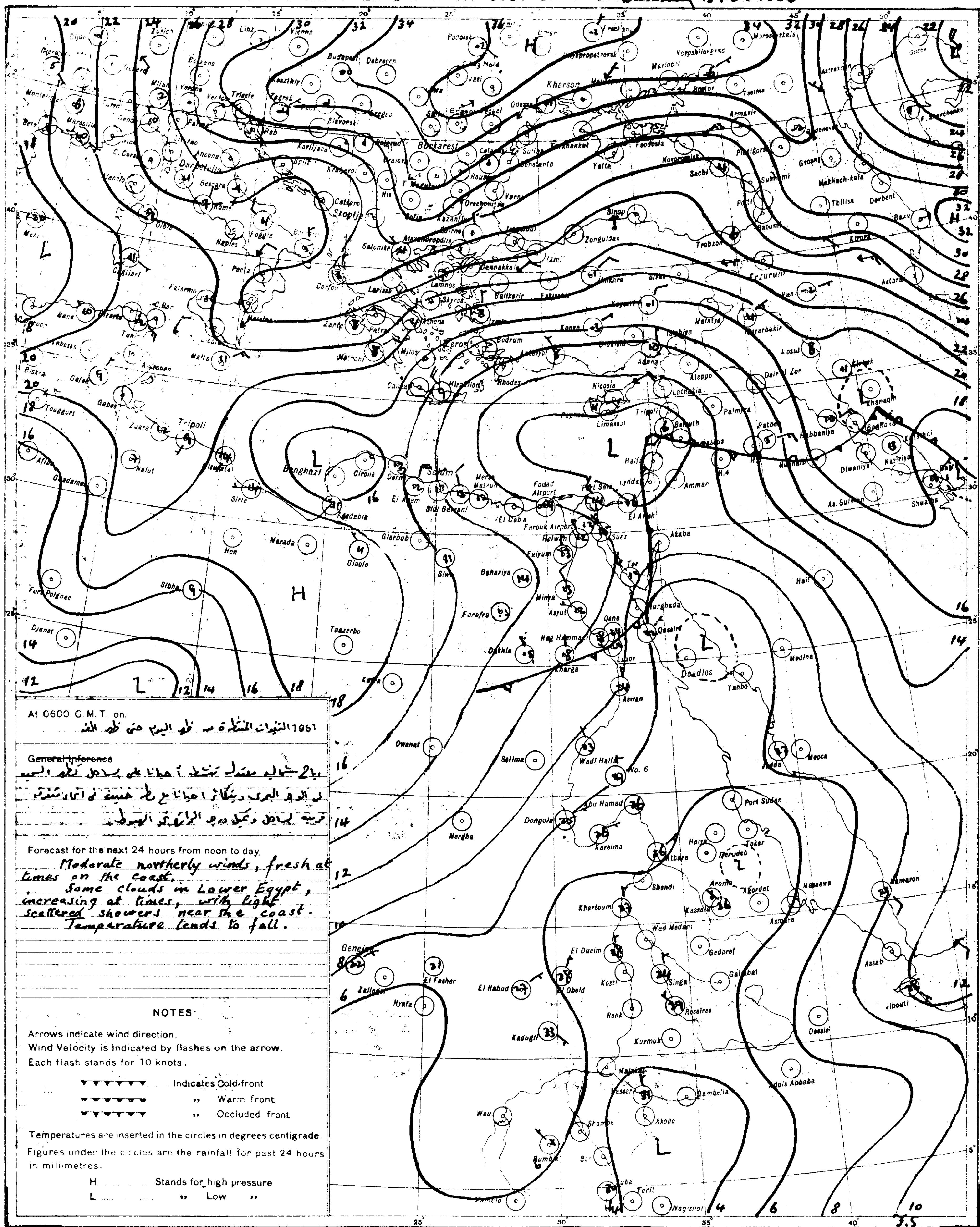
Note: All times are G.M.T.

Printed by the S... of Egypt 1949 (49,55...) (50,530)

Annual Subscription P.T. ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 18/3/1953



At 0600 G.M.T. on: 1951 النبوات المنتظرة من ظهر اليوم حتى ظهر الغد

~~General Inference~~

رياح شمالية معتدلة تنشط أحيانا على السواحل تظهر السحب
في الوجه البحري وتكاثر أحيانا مع رذاذ خفيف في أماكن متفرقة
قريبة للساحل وتميل درجة الحرارة إلى الهبوط

Forecast for the next 24 hours from noon to day.

Moderate northerly winds, fresh at times on the coast.

Some clouds in Lower Egypt, increasing at times, with light scattered showers near the coast.

Temperature tends to fall.

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

Indicates Cold front

" Warm front

" Occluded front

Temperatures are inserted in the 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	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 01 G. M. T.

" " Sunset 16 05 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Thursday 19th March, 1952 3

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	SALUM	340	13	35	03	2	8	Cu	16.7	14	67	8
	303	SIDI BARANI	340	7	15	25	8	8	Cu, Sc	15.1	14	67	8
	306	MATRUH	340	12	18	21	8	8	Cu, Sc	13.8	14	77	10
	309	EL DABA	340	3	35	02	1	4	Cu	13.2	15	77	11
		ALEXANDRIA	360	17	50	02	2	7	Ns, Ac	13.5	17	60	9
	318	FOUAD (Airport)	330	6	18	01	2	4	Cu, Ac	13.4	17	60	9
	330	DAMIETTA	320	5	35	01	1	2	Cu, Ac	13.3	16	59	8
	333	PORT SA'ID	330	13	30	02	0	1	Sc	13.2	16	68	16
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	360	5	15	02	1	4	Cu	13.5	19	52	9
	342	MANSURA	340	5	35	03	2	6	Cu	12.4	19	46	7
	348	TANTA	310	2	35	03	2	5	Ac, Ci	13.1	18	52	8
	354	ZAGAZIG	00	0	50	01	1	4	Cu	13.0	19	52	9
	440	ISMA'ILIA	320	2	35	03	1	6	Cu	12.4	20	33	3
CAIRO AREA	366	CAIRO (Airport)	340	10	14	02	2	5	Sc, Ci	12.9	18	56	9
	372	ALMAZA	20	12	30	02	2	6	Cu	12.9	17	60	9
		EZBEKIYA	350	4?	18	03	0	2	Cu	12.6	19	43	6
		GIZA	350	4?	18	03	0	2	Cu	12.8	19	46	7
	378	HELWAN	340	13	35	02	2	7	Cu	12.4	18	46	6
UPPER EGYPT	381	FAIYUM	360	4	35	02	1	3	Cu, Sc	12.7	20	41	6
	387	MINYA	330	7	10	02	0	0	—	12.6	22	38	7
	393	ASYUT MANQABAD	310	10	12	02	0	0	—	11.3	24	22	1
	399	NAG' HAMMADI	320	4	7	00	0	0	—	10.0	26	42	12
	402	QENA	270	2	50	00	0	0	—	9.1	30	16	1
	405	LUXOR	320	10	30	03	1	4	Ac, Ci	9.1	28	20	3
	414	ASWAN	360	8	60	00	0	0	—	8.2	30	16	1
OASES	417	SIWA	300	8	14	02	1	4	Cu	15.5	22	38	7
	420	BAHARIYA	320	3	35	02	1	1	Cu	13.4	21	65	14
	423	FARAFRA	350	10	35	03	0	1	Ci	14.6	23	24	1
	432	DAKHLA	340	18	35	00	0	0	—	12.0	24	21	0
	435	KHARGA	360	1	15	00	0	0	—	10.7	25	22	2
RED SEA	450	SUEZ	360	3	50	01	0	3	Sc	11.6	19	46	7
	459	TOR	220	9	35	02	0	0	—	8.8	23	50	12
	462	HURGHADA	320	22	10	02	0	0	—	8.2	22	61	14
	465	QUSEIR	20	13	15	01	1	0	—	7.6	25	54	15
	641	PORT SUDAN	90	10	30	02	2	0	—	6.5	28	66	21
NORTH SUDAN	600	WADI HALFA	20	13	10	03	0	0	—	7.2	33	12	0
	640	ABU HAMAD	00	0	30	02	0	0	—		39	13	6
	660	KAREIMA											
	680	'ATBARA	20	10	30	02	0	0	—	1.5	39	7	-4
	721	KHARTUM	40	11	30	02	0	0	—	3.3	39	10	2
	730	KASSALA	360	6	30	02	0	0	—	499.5	39	17	10
CENTRAL SUDAN	751	WAD MEDANI	360	9	35	02	0	0	—	499.1	41	4	-8
	801	RENK											
	802	ROSEIRES	310	2	35	02	0	0	—	498.0	42	11	5
	771	EL OBEID	50	13	30	03	0	3	Cs	0.3	39	7	-3
	760	EL FASHER	20	5	30	02	2	3	Ci		37	14	6
	770	GENEINA	340	2	50	02	2	7	Cs		39	10	2
S. SUDAN	840	MALAKAL	40	9	10	04	0	6	Cs	499.0	42	8	1
	880	WAU											
	941	JUBA											

At 1800 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	Rain Past 12 hrs mms
MEDITERRANEAN	62300	SALUM	320	9	15	02	1	3	Cu	16.4	12	44	0	0
	303	SIDI BARANI	320	11	14	01	8	1	Sc	16.4	12	51	2	0.5
	306	MATRUH	330	14	12	02	2	6	Ns	15.6	12	59	4	dr.
	309	EL DABA	340	8	7	03	8	7	Sc	15.3	13	77	9	1
		ALEXANDRIA	360	15	35	03	8	8	Cb	15.6	13	77	9	dr.
	318	FOUAD (Airport)	350	7	12	80	8	8	Cu, Sc	15.1	13	62	10	dr.
	330	DAMIETTA	220	2	7	00	1	0	—	15.0	13	67	7	0
	333	PORT SA'ID	350	6	18	01	0	0	—	14.3	15	72	10	0
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHUR	360	9	7	50	5	6	Sc	14.8	15	68	9	dr.
	342	MANSURA	360	5		03	2	6	Cu	14.3	14	67	8	0
	348	TANTA	310	12	7	03	2	8	Sc	14.4	15	77	11	0
	354	ZAGAZIG	00	0	35	02	1	0	—	13.9	15	68	9	0
	440	ISMA'ILIA	20	2	35	01	0	0	—	14.6	14	55	5	0
CAIRO AREA	366	CAIRO (Airport)	50	8	12	01	2	3	Sc	14.1	17	56	8	0
	372	ALMAZA	30	4	12	03	1	6	Sc	13.5	17	60	9	0
		EZBEKIYA	00	0	8	50	5	4	Cu, Sc	13.9	18	52	8	dr.
		GIZA	00	0	8	50	5	4	Cu, Sc	13.9	16	59	8	dr.
	378	HELWAN	360	3	15	02	1	2	Sc	13.8	16	49	5	0
UPPER EGYPT	381	FAIYUM	00	0	35	01	0	0	—	13.8	14	67	8	0
	387	MINYA	360	3	6	02	0	0	—	13.0	14	61	8	0
	393	ASYUT MANQABAD	300	2	12	02	1	0	—	12.0	16	49	5	0
	399	NAG' HAMMADI	270	1		00	0	0	—	11.6	19	52	9	0
	402	QENA	270	1	7	00	0	0	—	10.6	18	52	8	0
	405	LUXOR	260	4	12	00	1	6	—	11.2	19	43	6	0
	414	ASWAN	260	6	50	00	0	0	—	10.3	27	15	-2	0
OASES	417	SIWA	00	0	15	02	0	0	—	14.2	17	60	9	0
	420	BAHARIYA	340	5	15	03	1	6	Cs	14.6	18	28	-1	0
	423	FARAFRA	360	11	35	00	0	0	—	13.4	19	30	1	0
	432	DAKHLA	00	0	15	00	0	0	—	11.0	20	24	-1	0
	435	KHARGA												
RED SEA	450	SUEZ	360	5	15	01	0	0	—	14.0	15	59	7	0
	459	TOR	310	13	15	02	0	0	—	11.6	19	73	14	0
	462	HURGHADA	280	13	10	02	0	1	—	10.0	21	41	7	0
	465	QUSEIR	360	9	15	02	0	0	—	9.8	22	57	13	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 Thursday 19th March, 1953

Area	Index Number	Station	Wind 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.
MEDITERRANEAN	62300	SALUM	290	9	15	03	2	6	Ci	18.3	+2.2	9	16	-5	7	-4	62	2	2	36	
	303	SIDI BARANI	230	18	18	01	8	4	Cu	18.0		12	14?		8		47	1	2	105	
	306	MATRUH	280	12	14	81	6	7	Cb	17.3	+0.9	9	16		8		82	6	0.2	49	
	309	EL DABA	340	10	15	01	1	3	Cb	16.7		13	18		8		67	7	1	87	
		ALEXANDRIA	310	24	50	03	2	6	Cb	16.2	+0.4	13	19	-3	12	-1	44	1	dr.	113	177
	318	FOUAD (Airport)	340	15	18	01	2	4	Cu	15.8	-0.6	13	14	-2	12	+1	44	1	dr.	110	135
	330	DAMIETTA	200	5	15	03	0	1	Cu	15.5	-0.2	13	17	-3	10	-1	67	7	0	52	97
	333	PORT SA'ID	270	14	14	02	2	6	Cu, Sc	15.5	-0.8	14	18	-2	12	2	59	1	2	60	
	336	EL 'ARISH	240	6	18	03	0	7	Cu, Sc	14.6	-1.5	14			9		67	8	dr.	37	
LOWER EGYPT	339	DAMANHUR	270	9	15	02	0	3	Cu	16.3	+0.2	13	21	-2	9	-1	59	5	dr	Rain	40
	342	MANSURA	270	5	15	00	1	0	—	16.2	+0.3	13	20	-4	10	0	67	7	0	39	46
	348	TANTA	240	2	35	02	6	0	—	15.8	-0.7	13	20	-4	10	+1	67	7	1	16	38
	354	ZAGAZIG	00	0	35	02	1	0	—	16.3	+0.3	12	21	-3	10	+1	88	10	2	28	23
	440	ISMA'ILIA	320	2	35	03	1	6	Cu	16.2		13	21		10		77	9	1	30	
CAIRO AREA	366	CAIRO (Airport)	320	5	13	01	2	6	Cu	16.2		12	20		11		77	8	0.2	7	
	372	ALMAZA	320	6	12	02	2	7	Cu, Sc	16.5	-0.2	12	20	-3	12	+1	88	10	0.6	8	
		EZBEKIYA	270	3	10	01	2	4	Sc	16.8	+0.7	13	20	-5	12	+1	77	9	dr	15	21
		GIZA	280	3	10	01	2	4	Sc	16.6	+0.1	13	21	-3	9	+1	67	7	dr.	43	20
	378	HELWAN	320	6	35	50	5	8	Ns	17.4	+1.3	11	19	-5	12	+1	88	9	dr.	3	22
UPPER EGYPT	381	FAIYUM	360	6	35	01	1	3	Cu, Sc	17.2	+0.9	14	22	-4	11	+1	67	8	0	13	7
	387	MINYA	350	6	10	03	0	1	Cu	16.9	-0.4	14	22	-3	8	0	77	10	0	1	
	393	ASYUT MANQABAD	270	4	10	02	0	0	—	16.3	+0.4	13	24	-2	9	0	59	5	0	2	
	399	NAG' HAMMADI											30	+3							
	402	QENA	270	1	35	00	0	0	—	14.4	-0.3	21	31	0	9	-3	41	7	0	2	
	405	LUXOR	30	4	18	01	1	1	Ac	14.9	-0.2	17	29		11		39	3	0	1	
	414	ASWAN	20	6	50	00	0	0	—	14.4	-0.3	18	31	0	15	0	46	6	0	0.1	
OASES	417	SIWA																			7
	420	BAHARIYA	360	3	35	02	1	1	Cu	17.9	+1.2	12	22	-4	10	+1	88	10	0	dr.	7
	423	FARAFRA	360	8	35	03	1	1	Cu	18.4		13	24		9		77	9	0	0	
	432	DAKHLA	340	15	50	00	0	0	—	17.0	+0.9	13	25	-4	9	-1	34	-3	0	0	
	435	KHARGA	00	0	15	00	0	0	—	15.4	-0.2	14	26	-3	11	-1	55	5	0	0	
RED SEA	450	SUEZ	310	3	35	00	0	7	Cu, Ci	15.8	-0.1	14	21	-3	8	-4	77	10	0	42	14
	459	TOR	310	13	35	02	0	0	—	14.6	+1.2	19	26	+2	16	+3	52	9	0	Rain	12
	462	HURGHADA	310	13	14	02	0	0	—	14.1	-1.2	18	24	+2	16	+4	52	8	0	7	
	465	QUSEIR	330	5	15	03	1	3	Ci	13.3	-0.7	19	31	+6	16	-1	46	7	0	8	4
	641	PORT SUDAN	220	7	30	01	1	3	Sc, Cu	10.1		26	29		21		79	22	0		
NORTH SUDAN	600	WADI HALFA	20	13	30	04	0	1	Ci	13.1		19	34		15		26	-1	0		
	640	ABU HAMAD	360	4	15	04	0	0	—			24	40		21		18	-2	0		
	660	KAREIMA	10	14	30	02	0	0	—	10.0		22	40				23	0	0		
	680	'ATBARA	350	10	30	02	0	0	—	7.9		26	41				16	-2	0		
	721	KHARTUM	20	9	30	02	0	0	—				41		22			1	0		
	730	KASSALA																			
CENTRAL SUDAN	751	WAD MEDANI	90	7	15	02	0	0	—	6.9		27					37	11	0		
	801	RENK																			
	802	ROSEIRES	310	2	35	02	0	2		5.8		26	43				37	10	0		
	771	EL OBEID			10	05	1		Ci	7.3		25	40		20		15	-4	0		
	760	EL FASHER	50	1	30	01	0	1	Ci			24					30	5	0		
	770	GENEINA	40	12	30	02	0	0	—			24					16	-4	0		
S. SUDAN	840	MALAKAL																			
	880	WAU																			
	941	JUBA	180	7	30	01	2	7	Ac, Ci	6.1		29			26		52	18	0		

HUMIDITY % Mean of day

STATION	on 18th	Diff from normal
Alexandria	68	+3
Ezbekiya	59	-1
Giza	62	0
Helwan	56	+10

GIZA GRASS MINIMUM TEMP ON 19th 4.5 °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 — Cairo — On 18th At 15h — AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	111	19		340	7
950					
900					
850	1482	7		310	11
800					
700	3046	-2		290	18
600					
500	5661	-13		270	61
400	7322	-25		270	82
300	9352	-40		270	103

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 18th

Height m.	Matruh Dir.	Matruh Vel.	Alex. A.P. Dir.	Alex. A.P. Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Aswan Dir.	Aswan Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Minya 20 Dir.	Minya 20 Vel.	Asyut 20 Dir.	Asyut 20 Vel.
Time	14		14		14		14		14		14		14		14		14		14		14					
300	330	17	320	17	330	17	310	10	340	7	350	16	330	13	360	12	360	22	10	20	340	17	360	4	350	8
600	320	15	280	6	330	22	310	15	350	4	350	18	330	20	360	7	10	23	360	28	340	15	360	5	360	16
1000	310	10	280	13	320	16	290	16	330	7	350	14	310	23	360	9	10	25	350	26	320	16	340	6	350	16
1500			260	18	300	16	290	19	310	10			10	36	10	10			330	11	290	23	340	9	320	21
2000			260	18			290	15	310	8			300	20									10	9	310	26
3000			280	18			270	19	280	24													350	8	290	44
4000							260	45	260	43																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Alex. Airport Dir.	Alex. 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		8		8		7 30		8		8		8 15				8		8	
300	320	23			280	16	260	24	240	15	320	14	350	15	280	4	220	6			330	15	310	24
600	310	31			280	22	260	20	270	40	330	12	350	13	320	8	170	8			310	16	310	33
1000	310	37			280	19	270	20	270	54	290	14	330	10	310	16	150	10			310	16	310	34
1500	320	34			290	17	290	17	260	56	270	29	330	16	320	16	150	12			330	26	310	33
2000											260	29	80	4	300	25	150	10			280	23		
3000											280	29	330	13							260	4		
4000																								
5000																								
6000																								
7000																								
8000																								

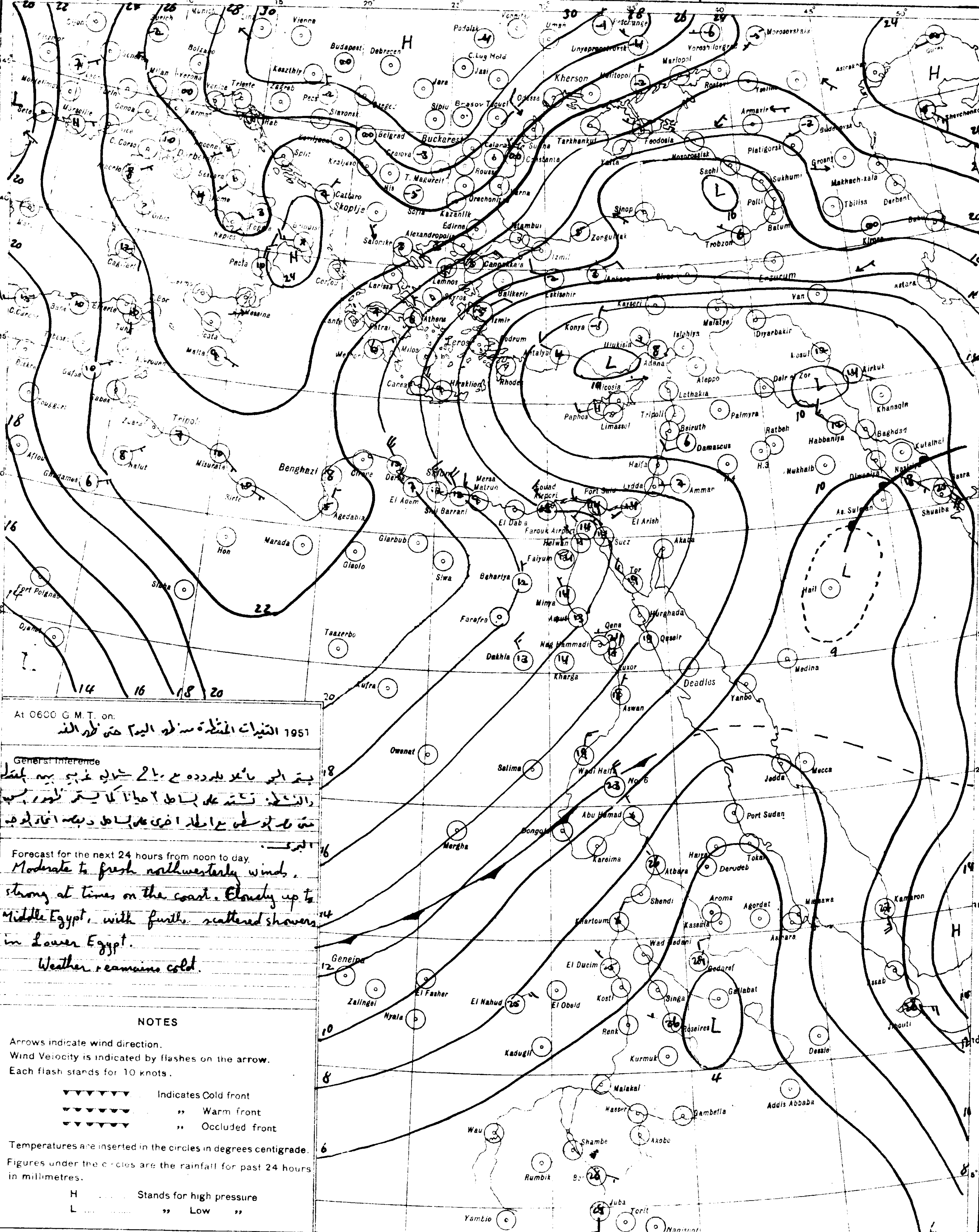
Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time			8		8		8																	
300			300	16	360	11	20	10																
600			310	21	10	10	360	15																
1000			320	24	10	15	350	20																
1500			310	33	360	25	340	17																
2000			300	26			340	30																
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 1943 149 552 (50/497)

Note: All times are G.M.T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 19/3/1953



At 0600 G.M.T. on:

1951 التغيرات المنتظرة من ظهر اليوم حتى ظهر الغد

General Inference

يستمر الجو بارداً بالبرودة مع رياح شمالية غربية بين المعتدل والنشطة تشتد على الساحل أحياناً كما يستمر ظهور السحب حتى مصر الوسطى مع أمطار أخرى على الساحل وبعض أنحاء الوجه البحري.

Forecast for the next 24 hours from noon to day.

Moderate to fresh northwesterly winds, strong at times on the coast. Cloudy up to Middle Egypt, with further scattered showers in Lower Egypt.

Weather remains cold.

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the 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	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 00 G.M.T.
" " Sunset 16 06 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 20th March, 1952 3

At 1200 on Thursday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	320	19	35	03	2	6	cu	19.4	14	42	1
	303	SÎDI BARÂNI	320	18	18	02	1	4	cu, sc	18.6	14	34	-2
	306	MATRÛH	300	27	10	07	3	6	cu	13.2	15	42	2
	309	EL DABA	290	10?	35	01	1	3	cu	17.3	15	48	4
		ALEXANDRIA	310	37	50	02	5	4	cu	16.2	15	39	1
	318	Abou (Airport)	320	20	18	01	8	6	cu, sc	16.2	15	45	3
	330	DAMIETTA	270	13	35	03	1	3	cu	14.8	16	51	3
	333	PORT SAÏD	270	18	18	02	1	6	cu, sc	14.5	17	46	5
	336	EL 'ARISH	290	8	30	01	5	8	cu	14.2	16	45	4
LOWER EGYPT	339	DAMANHUR	270	9	7	02	1	8	sc	16.2	15	68	9
	342	MANSURA	320	9	35	03	2	5	cu	16.0	17	42	4
	348	TANTA	270	8	35	03	2	7	cu	15.5	16	49	5
	354	ZAGAZIG	00	0	50	02	1	3	cu	15.2	18	64	11?
	440	ISMAÏLIA	270	9	35	03	1	6	cu	15.2	17	34	1
CAIRO AREA	366	Cairo (Airport)	290	13	18	02	2	4	sc, cu	15.6	18	34	2
	372	ALMÀZA	290	16	30	01	2	3	cu	15.6	17	39	3
		EZBEKIYA			18	01	1	1	sc	16.2	19	32	2
		GIZA			18	01	1	1	sc	16.2	18	28	-1
	378	HELWÂN	290	15	50	02	1	2	cu	15.9	17	34	1
UPPER EGYPT	381	FAIYÛM	360	6	35	02	1	1	cu, sc	16.4	20	24	-1
	387	MINYA	350	9	10	02	2	4	cu	16.3	21	35	5
	393	ASYÛT MANQABÂD	310	12	30	02	1	4	cu	16.1	21	35	5
	399	NAG HAMMADI	220	4	7	06	0	5	Ac, ci	14.6	25	47	13
	402	QENA	270	2	50	03	1		ci	12.8	27	15	-2
	405	LUXOR	340	12	30	03	1	5	Ac	12.7	25	22	-2
	414	ASWÂN	340	8	15	01	1		ci	12.0	26	18	0
OASES	417	SÎWA	360	11	14	00	0	0	—	21.2	18	24	-3
	420	BAHARÎYA	340	4	35	02	1	0	—	17.8	17	56	8
	423	FARAFRA	350	16		02	1	3	cu	19.1	18	40	4
	432	DAKHLA	360	11	35	01	1		ci	16.8	22	29	3
	435	KHARGA	360	1	15	02	2		AC	14.6	23	32	5
RED SEA	450	SUEZ	310	6	50	01	0	4	cu	14.4	20	43	7
	459	TOR	310	9	35	02	0	0	—	13.0	22	50	11
	462	HURGHÀDA	350	14	30	02	0	0	—	12.4	21	47	9
	465	QUSEIR	360	19	15	03	1	4	AC	11.6	23	50	12
	641	PORT SÛDÂN	120	19	10	06	1	0	—	8.1	28	74	23
NORTH SÛDÂN	600	WÂDI HALFA	360	13	30	03	0	3	cs	10.9	29	10	-6
	640	ABU HAMAD	360	3	30	02	0	0	—		37	9	-1
	660	KAREIMA	360	2	30	02	0	0	—	6.5			-3
	680	'ATBARA	360	11	10	07	0	0	—	2.2	39	7	-4
	721	KHARTUM	340	9	30	02	0	0	—	1.8	41	10	3
	730	KASSALA	30	5	30	02	0	0	—	0.2	41	13	7
CENTRAL SÛDÂN	751	WAD MEDANI			35	02	0	2	ci	0.9	41	7	-2
	801	RENK											
	802	ROSEIRES	130	5	35	02	0	0	—	997.7	43	9	4
	771	EL OBEID	40	10	30	03	0	2	ci	1.5	39	8	-2
	760	EL FASHER	90	4	30	02	0	7	cs		38	22	13
	770	GENEINA	20	9	30	02	1	5	cs		39	7	-3
S. SÛDÂN	840	MALAKÂL	50	7	30	02	2	8	cs	1.0	41	10	3
	880	WÀU	230	5	10	04	2	8	cs	2.9	36	31	16
	941	JUBA	230	5	30	03	2	7	cu, ci	2.7	39	23	14

At 1800 on Thursday 19th

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALÛM	270	19	15	00	0	0	—	19.6	11	41	-2	0
SÎDI BARÂNI	320	21	14	02	2	6	cu, sc	18.7	13	55	4	0
MATRÛH	310	18	12	00	0	3	sc	18.5	12	55	3	0
EL DABA	290	10?	7	03	2	7	sc	17.4	13	44	1	0
ALEXANDRIA	310	20	35	80	8	8	cu, sc	17.1	13	67	7	dr.
Abou (Airport)	330	16	12	03	8	7	cu, sc	16.7	13	67	7	dr.
DAMIETTA	220	5	7	02	5	3	cu	16.4	11	88	9	Rain
PORT SAÏD	260	21	15	02	2	3	cu, sc	15.8	13	63	6	0
EL 'ARISH												
DAMANHUR	270	9	15	02	1	4	cu	16.7	12	77	8	0
MANSURA	320	5		00	1	0	—	16.8	12	63	5	0
TANTA	270	5	7	03	2	8	cu, sc	17.1	12	77	8	0
ZAGAZIG	00	0	35	02	1	0	—	17.4	10	77	6	0
ISMAÏLIA	270	5	35	01	0	0	—	16.6	13	55	4	0
Cairo (Airport)	290	10	12	02	0	0	—	17.1	12	51	2	0
ALMÀZA	300	11	12	00	0	0	—	17.1	12	72	7	0
EZBEKIYA			10	03	0	3	sc	17.2	14	45	2	0
GIZA			10	03	0	3	sc	17.5	11	63	4	0
HELWÂN	320	11	15	01	1	0	—	17.5	12	55	3	0
FAIYÛM												
MINYA	340	4	8	02	0	0	—	17.4	10	62	3	0
ASYÛT MANQABÂD	320	5	12	02	0	0	—	17.3	13	44	1	0
NAG HAMMADI	270	12		01	1	4	AC	14.8	15	68	9	0
QENA	270	2	7	02	1	3	ci	14.4	20	33	3	0
LUXOR	310	7	12	01	2	2	AC	14.2	19	40	5	0
ASWÂN	360	3	50	03	2	4	ci	13.5	22	21	-1	0
SÎWA	360	6	10	03	0	4	Ac	21.2	15	36	0	0
BAHARÎYA	340	2	15	02	0	0	—	19.1	12	63	5	0
FARAFRA	360	5	15	00	0	0	—	19.6	12	38	-2	0
DAKHLA	360	15	35	00	0	0	—	17.2	18	28	-1	0
KHARGA	360	4	15	01	2	1	AC	15.4	19	37	4	0
SUEZ	310	4	15	01	0	0	—	16.3	15	48	4	0
TOR	40	5 ?	15	02	0	0	—	15.2	19	46	7	0
HURGHÀDA	320	22?	12	02	0	0	—	14.2	19	64	12	0
QUSEIR	360	9	15	03	1	6	AC	13.2	21	57	12	0

At 0600 on Friday 20th March, 1953

Station	Wind 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	250	13	15	02	1	4	ci	19.1	+3.1	10	16	-6	7	-4	50	0	0	36		SALUM
SÎDI BARÂNI	310	17	15	02	0	3	cb, AC	18.2		13	15		11		44	1	0	105		SÎDI BARÂNI
MATRÛH	300	17	?18	03	2	7	cu, sc	18.3	+1.9	13	16		9		48	2	0.4	49		MATRÛH
EL DABA	250	6?	15	03	2	7	sc	17.7		11	16		9				0	86		EL DABA
ALEXANDRIA	310	22	50	80	8	8	cb	17.1	+1.4	13	16	-6	11	-2	67	7	1	114	177	ALEXANDRIA
Abou (Airport)	290	6	14	02	8	7	cu, sc	16.3	-0.1	13	16	-4			72	8	2	112	136	Abou (Airport)
DAMIETTA	200	5	7	03	6	7	cu, AC	15.5	-0.1	12	16	-4	8	-3	77	8	1	53	98	DAMIETTA
PORT SAÏD	260	17	15	03	0	4	cu, sc	15.4	-0.9	13			10	-4	77	9	0	60		PORT SAÏD
EL 'ARISH	260	10	18	03	1	5	cu, sc	15.5	-0.5	12			8		72	7	dr.?	37		EL 'ARISH
DAMANHUR	270	9	7	02	2	7	sc	16.4	-0.4	11	18	-5	9	-1	88	9	0	Rain	90	DAMANHÛR
MANSURA	220	5	7	03	2	8	sc	16.6	+0.7	11	18	-6	8	-2	88	9	0	39	46	MANSÛRA
TANTA	220	8	7	03	6	8	st	16.8	+0.4	10	19	-5	7	-2	88	8	0.4	17	34	TANTA
ZAGAZIG	220	2	35	21	6	7	cu	16.6	+0.6	11	20	-4	7	-2	88	9	1	29	24	ZAGAZIG
ISMAÏLIA	250	9	35	03	2	7	AC	16.7		12	18		8		63	5	0	30		ISMAÏLIA
Cairo (Airport)	250	11	12	03	0	7	sc	17.5		11	19		8		67	5	0	7		Cairo (Airport)
ALMÀZA	240	11	12	02	2	7	sc	17.7	+1.0	10	18	-5	9	-2	77	6	0	8		ALMÀZA
EZBEKIYA	270	6	8	02	2	7	sc, Ac	17.8	+1.7	12	20	-5	10	-1	67	6	0	15	21	EZBEKÎYA
GIZA	270	6	8	02	2	7	sc, Ac	17.6	+1.2	11	20	-5	7	-1	71	6	0	43	21	GÎZA
HELWÂN	250	5	15	02	2	8	cu, sc	18.4	+2.4	10	18	-7	8	-4	77	6	0	3	23	HELWÀN
FAIYÛM	00	0	35	01	1	2	st	19.2	+3.0	12			7	-3	63	5	0	13	7	FAIYÛM
MINYA	320	7	10	02	0	0	—	19.8	+2.5	9	22	-3	3	-5	62	2	0	1		MINYA
ASYÛT MANQABÂD	320	3	12	02	0	0	—	20.1	+4.3	10	22	-4	6	-4	47	-1	0	2		ASYÛT MANQABÂD
NAG HAMMADI	220	2		00	0	0	—	19.0	+3.7	13	25	-2	8	-1	67	7	0	0.1		NAG HAMMÂDI
QENA	270	2	35	00	0	0	—	18.4	+3.7	12			6	-6	82	9	0	2		QENA
LUXOR	300	11	30	00	0	0	—	17.8	+2.8	14	26		9		36	-1	0	1		LUXOR
ASWÂN	340	4	50	00	0	0	—	17.5	+2.9	15	27	-4	13	-2	39	1	0	0.1		ASWÂN
SÎWA	280	3	14	00	0	0	—	23.4	+5.8	8	19	-7	5	-4	66	2	0	2	7	SÎWA
BAHARÎYA	120	2	35	02	0	0	—	20.2	+3.5	9	18	-8	4	-5	71	4	0	dr.	7	BAHARÎYA
FARAFRA	00	0	35	00	0	0	—	22.0		10	20		5		50	0	0	0		FARAFRA
DAKHLA	340	15	50	00	0	0	—	20.3	+4.3	11	23	-6	8	-3	30	-6	0	0		DAKHLA
KHARGA	360	4	15	00	0	0	—	18.6	+3.1	12	24	-5	10	-2	44	0	0	0		KHARGA
SUEZ	310	3	35	00	0	6	cu	17.0	+1.1	15	23	-1	8	-4	59	7	0	42	14	SUEZ
TOR	310	9	35	02	0	0	—	16.3	+1.9	16	25	-1	14	+1	49	5	0	Rain	12	TÔR
HURGHÀDA	310	21?	30	02	0	0	—	16.2	+0.9	15	21	-1	14	+2	52	5	0	7		HURGHADA
QUSEIR	360	9	15	02	0	0	—	15.2	+1.3	16	23	-2	14	-3	49	5	0	8	4	QUSEIR
PORT SÛDÂN	340	8	30	02	0	2	sc	12.0		24	30		19		69	18	0			PORT SÛDÂN
WÂDI HALFA	360	20	30	01	0	0	—	16.3		17	30		13		32	0	0			WÂDI HALFA
ABU HAMAD																				ABU HAMAD
KAREIMA	20	12	30	03	0		ci	12.7		21	38		18		17	-5	0			KAREIMA
'ATBARA	360	12	10	07	0	3	ci	9.1		25	41		21		17	-2	0			'ATBARA
KHARTUM	360	13	30	03	0	6	cs	8.9		27	41		21		15	-2	0			KHARTÛM
KASSALA	30	8	30	03	0	1	AC	7.0		28	41		23		52	17	0			KASSALA
WAD MEDANI	360	9	35	02	0	2	ci	9.1		27	42		23		13	-4	0			WÂD MEDANI
RENK	50	9	35	02	0	2	ci			28	43		20		31	9	0			RENK
ROSEIRES	310	2	35	02	0	0	—	7.1		28	44		21		29	8	0			ROSEIRES
EL OBEID	360	13	30	03	1	7	AC	9.5		24	39		21		15	-5	0			EL OBEID
EL FASHER	20	1	30	02	1	8	cs			22	39		19		31	4	0			EL FÂSHER
GENEINA	40	10	30	02	0	8	cs			23	40		21		18	-3	0			GENEINA
MALAKÂL	00	0	10	04	0	6	cs	7.7		29	42		23		46	16	0			MALAKÂL
WÀU	270	4	10	04	0	0	—	7.2		28	37		21		62	20	0			WÀU
JUBA	180	7	30	02	2	8	sc, AC	7.3		29	40				52	18	0			JUBA

HUMIDITY % Mean of day

Station	on 19th	Diff. from normal
Alexandria	57	-8
Ezbekiya	55	-5
Giza	61	-1
Helwan	60	+14

GÎZA
GRASS MINIMUM TEMP. ON 20th 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

Cairo AIRPORT On 19th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	138	17		320	20
950					
900					
850	1494	4		270	18
800					
700	3042	-4		270	41
600					
500	5622	-18		270	52
400	7253	-28		270	74
300	9257	-42			

AIRPORT On At

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

AIRPORT On At

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

UPPER WIND OBSERVATIONS on 19th

Station	S.Barani		Luxor		Siwa		Almaza		Aswan		Harghada		Dakhla		Asyut		Kharga		Farafra		Almaza		Minya		Asyut	
Time	14		14		14		14		14		14		14		14		14		14		19		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	33	310	16	330	36	240	16	360	6	360	23	340	26	330	11	340	15	320	27	20	15	360	30	320	12
600	310	21	330	16	330	29	240	21	340	13	360	25	340	28	330	13	320	14	320	21	30	16	340	16	340	18
1000	320	19	320	19	320	17	240	30	350	14	330	17	350	28	330	18	300	12	330	32	30	16	340	23	340	23
1500			320	11	330	18			340	20	280	21	330	21	300	23	310	15	330	27	40	10	320	16	330	18
2000			340	2	330	28			330	27					300	22					40	15	350	13	300	29
3000			330	13	330	23																				
4000					310	33																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	Sîdi Barâni		Matrûh		Abou Airport		Port Saïd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time	8		8				8		2		9 15		8		8		8							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	23	310	12			270	33	260	25	280	7	330	14	320	5	350	10						
600	310	21	300	17			300	21	270	35	290	8	330	14	320	9	330	11						
1000	310	23	310	18			300	23	280	25	290	10	310	10	320	13	310	10						
1500			300	18			280	31					310	9			330	18						
2000																	300	10						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			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			320	24	360	19	10	24	20	17														
600			320	20	350	13	360	27	20	29													130	6
1000			310	17	340	23	350	25	20	28									10	19			30	8
1500			300	19			320	30	350	21										35			20	9
2000																								
3000									320	24									200	13			10	9
4000																			300	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 [illegible] than the Egyptian standard time.

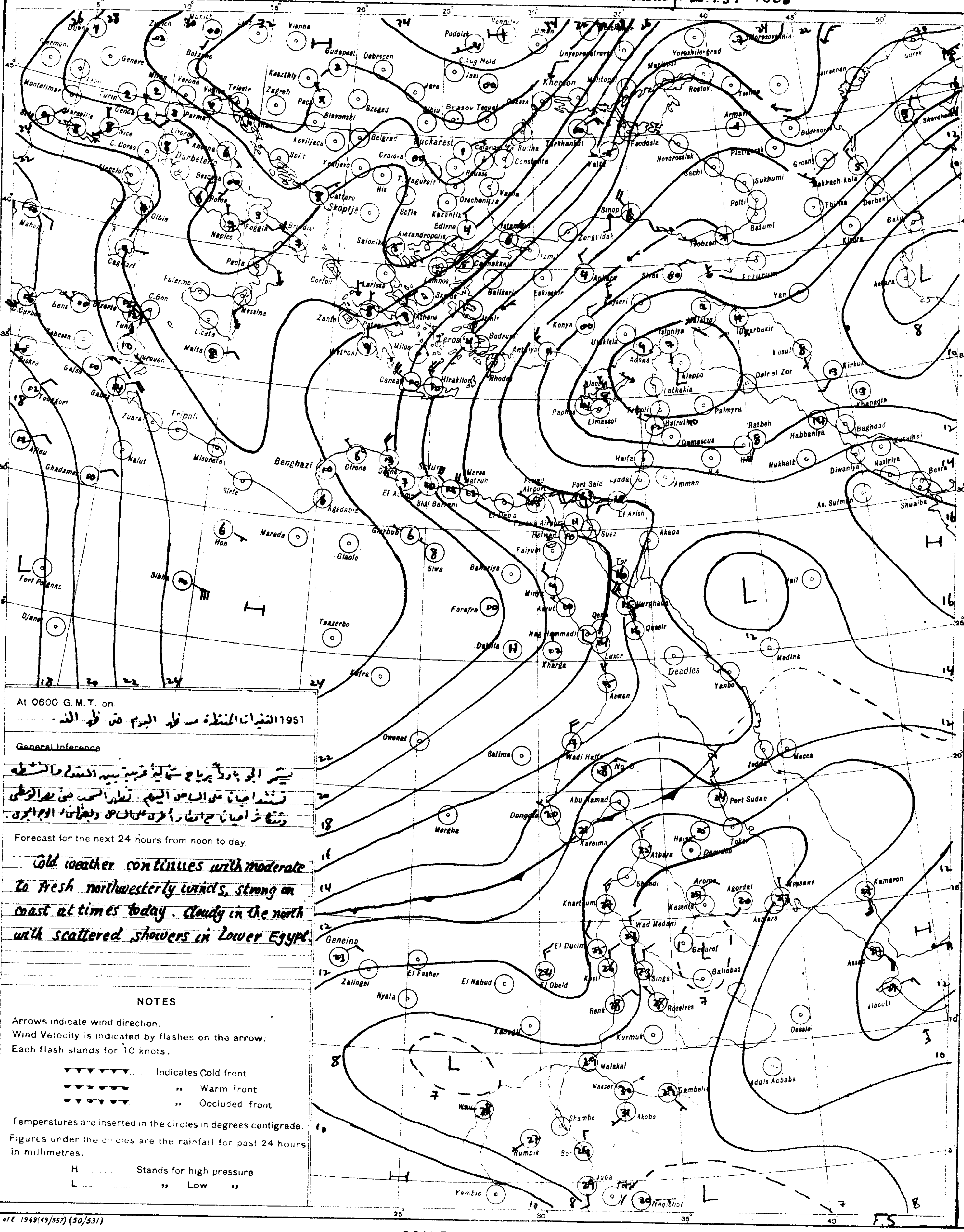
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 [illegible] (50/530)

Annual Subscription P.T. [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 20/31/1953*



SCALE 1:15,000,000

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

At 0600 G.M.T. on:

١٩٥١ التغيرات المنتظرة من ظهر اليوم حتى ظهر الغد.

~~General Inference~~

يتميز الجو باردا برياح شمالية غربية بين المعتدلة والنشطة

تشتد احيانا على السواحل اليوم. تظهر السحب على الوجه البحري

وتسقط امطار احيانا على السواحل وبعض الوجه البحري.

Forecast for the next 24 hours from noon to day.

Cold weather continues with moderate to fresh northwesterly winds, strong on coast at times today. Cloudy in the north with scattered showers in Lower Egypt.

NOTES

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

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

Temperatures are inserted in the 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		67
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

CAIRO

Time of Sunrise 03 59 G. M. T.

" " Sunset 16 07 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date : Saturday 21st March, 1952 3

At 1200 on Friday 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	340	4	35	03	2	7	AS	17.8	14	55	5
	303	SÎDI BARÂNI	300	15	14	80	8	7	Cu,Sc	18.5	14	52	4
	306	MATRÛH	300	22	18	01	1	5	Cu,AC	17.3	15	45	3
	309	EL DABʻA	290	13	35	02	1	4	Cu	17.0	15	59	7
		ALEXANDRIA	270	16	50	80	8	8	cb	16.2	12	77	8
	318	FOUAD (Airport)	310	13	18	22	8	7	Cu,Sc	16.3	13	72	8
	330	DAMIETTA	270	5	7	03	5	7	Cu,Sc	15.4	14	67	8
	333	PORT SAʻÎD	270	20	30	03	8	8	Cu,Sc	15.6	14	67	8
	336	EL ʻARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	6	3	AC	16.3	15	68	9
	342	MANSÛRA	220	5	7	60	6	8	cb	16.6	11	97	11
	348	TANTA	270	8	7	03	6	8	cb	15.9	17	77	13
	354	ZAGAZIG	320	1	50	03	1	8	Cu	16.2	15	68	9
	440	ISMAʻÎLÎA	340	5	35	21	6	7	AS	16.2	13	77	9
Cairo Area	366	FÂRÛK (Airport) (Cairo)	290	20	18	03	2	6	Cu	16.4	16	56	7
	372	ALMÂZA	310	15	30	02	2	7	Cu,Sc	16.2	16	59	8
		EZBEKÎYA	350	3	18	02	2	7	Sc	15.9	18	40	4
		GÎZA	350	3	18	02	2	7	Sc	15.7	16	52	6
	378	HELWÂN	290	19	50	02	2	8	cb	15.9	16	42	3
Upper Egypt	381	FAIYÛM	360	6	35	02	2	7	St	16.4	19	30	1
	387	MINYA	320	11	12	01	0	0	—	17.3	20	24	-1
	393	ASYÛT MANQABÂD	360	11	30	00	1	0	—	17.5	17	28	-2
	399	NAGʻ HAMMÂDI	270	1	7	00	0	0	—	15.4	22	44	9
	402	QENA	270	2	50	00	0	0	—	14.7	23	18	-3
	405	LUXOR	330	11	18	00	0	0	—	15.4	21	21	-2
	414	ASWÂN	340	7	50	00	0	0	—	14.3	22	21	-1
Oases	417	SÎWA	300	10	14	02	1	4	Sc,Cu	21.9	18	22	-4
	420	BAHARÎYA	270	2	35	02	0	0	—	19.1	17	60	9
	423	FARAFRA	320	26	35	00	0	0	—	20.4	17	34	1
	432	DAKHLA	360	19	35	00	0	0	—	18.8	18	20	-5
	435	KHARGA	360	8	15	00	0	0	—	16.4	20	17	-6
Red Sea	450	SUEZ	00	0	35	01	0	5	Cu	16.2	18	37	3
	459	TOR	240	9	35	02	0	0	—	15.5	23	50	12
	462	HURGHÂDA	350	19	30	02	0	0	—	14.7	17	56	8
	465	QUSEIR	360	13	15	02	0	0	—	14.4	19	52	9
	641	PORT SUDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	360	11	30	02	0	1	Ci		31	8	-8
	680	ʻATBARA	10	14	10	07	1	1	Ci	5.2	36	9	-2
	721	KHARTÛM	340	13	30	02	2	7	Cs	5.1	37	12	3
	730	KASSALA	20	5	30	03	0	1	Ci	2.2	39	18	11
Central Sûdân	751	WAD MEDANI	360	9	35	02	0	2	Ci	4.2	39	7	-3
	801	RENK											
	802	ROSEIRES	310	5	35	02	0	1	Ci	0.6	42	14	9
	771	EL OBEID											
	760	EL FÂSHER	40	3	30	02	2	8	Cs		35	22	10
	770	GENEINA											
S. Sûdân	840	MALAKÂL	270	1	30	03	2	8	Cu,Cs	2.8	40	10	2
	880	WAU	50	6	10	04	2	7	Cu	3.1	37	33	18
	941	JUBA	130	6	30	03	2	7	cb,Cs				15

At 1800 on Friday 20th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms
SALÛM	270	8	15	03	2	7	AS	19.6	13	55	4	0
SÎDI BARÂNI	330	13	14	21	8	5	Cu,Sc	18.5	13	55	4	0.1
MATRÛH	300	11	14	25	8	4	cb	17.7	12	67	6	0.2
EL DABʻA			7	03	8	6	Sc	17.0	12	63	5	0.5
ALEXANDRIA	360	17	35	80	8	3	cb	16.6	12	77	8	dr.
FOUAD (Airport)	340	12	12	03	2	7	Cu	16.5	12	77	8	0.2
DAMIETTA	200	5		02	2	5	Cu	15.9	12	77	8	0.3
PORT SAʻÎD	240	12	14	01	8	4	Sc,Cu	15.9	13	77	9	0.5
EL ʻARISH	290	6	14	50	5	5	Cu,Sc	15.3	13	72	8	1
DAMANHUR	270	9	7	02	1	2	AC	16.8	10	88	8	0.4?
MANSÛRA	320	5		00	6	0		16.8	11	88	9	9?
TANTA	310	2	7	03	6	8	St	16.4	11	88	9	1
ZAGAZIG	00	0	35	02	2	0		16.6	10	88	8	0
ISMAʻÎLÎA	250	5	35	03	6	5	Ac	16.6	11	88	9	2
FÂRÛK (Airport)	290	2	12	01	2	5	Sc	16.9	13	67	7	0
ALMÂZA	310	11	12	02	2	4	Ac	17.5	12	82	9	0
EZBEKÎYA	340	4	10	03	8	2	Ac	17.6	13	63	6	dr.
GÎZA	340	4	10	03	8	2	AC	17.6	12	67	6	dr
HELWÂN	320	8	35	03	8	6	Sc	17.5	13	55	4	dr.
FAIYÛM	360	4	35	01	2	6	St	17.2	14	55	5	0
MINYA	320	5	8	02	0	0	—	17.4	12	47	1	0
ASYÛT MANQABÂD	310	5	12	02	0	0	—	17.4	12	41	-1	0
NAGʻ HAMMÂDI	270	2		00	0	0	—	16.8	15	68	9	0
QENA	270	1	7	00	0	0	—	16.6	17	26	-3	0
LUXOR	290	8	12	00	0	0	—	16.4	15	39	1	0
ASWÂN	340	8	50	00	0	0	—	16.6	18	28	-1	0
SÎWA	350	14	10	03	2	6	Sc,Cu	21.9	16	34	0	0
BAHARÎYA	320	3	15	02	0	0	—	19.6	14	55	5	0
FARAFRA	320	5	15	00	0	0	—	20.3	12	33	-4	0
DAKHLA	360	11	35	00	0	0	—	18.8	15	30	-3	0
KHARGA	360	1	15	00	0	0	—	17.8	16	24	-5	0
SUEZ	00	0	15	01	0	4	Cu	16.6	13	67	7	0
TOR	310	9	15	02	0	0	—	15.6	18	40	4	0
HURGHÂDA	320	20	12	02	0	0	—	14.6	18	52	8	0
QUSEIR	360	13	15	00	0	0	—	15.4	19	52	9	0

(No 1800 entries for Port Sudan or the Sudan stations.)

At 0600 on Saturday 21st March, 1953

Station	Wind 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.	Rain Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	320	9	15	03	2	6	Cu	19.6	+3.7	11	17	-5	9	-2	63	4	0	36	
SÎDI BARÂNI	340	6	12	01	1	2	Cu	19.5		14	15		11		67	8	0.1	105	
MATRÛH	320	16	14	25	5	7	Cu,Sc	18.1	+1.8	13	16		9		55	4	1	50	
EL DABʻA	340	9	15	03	2	7	St	16.3		14	15		9		67	8	2	88	
ALEXANDRIA	330	15	50	02	2	5	Cu	16.4	+0.7	14	16	-6	10	-3	55	5	2	116	178
FOUAD (Airport)	340	2	14	01	8	5	Cu	16.0	-0.4	13	16	-4	11	0	67	7	2	114	136
DAMIETTA	220	5	7	01	6	2	Cu	15.8	+0.2	12	15	-5	8	-3	77	8	0.3	54	98
PORT SAʻÎD	260	15	12	01	0	0	—	15.7	-0.5	13	17	-3	10	-4	77	9	0.5	61	
EL ʻARISH	240	8	30	03	1	3	Cu,Sc	15.0	-0.7	12	17		8		67	6	1	38	
DAMANHÛR	310	9	7	02	6	0	—	16.3	+0.3	13	16	-8	7	-1	77	9	1	Rain	40
MANSÛRA	220	5	15	00	5	0	—	16.6	+0.8	12	17	-7	9	-1	77	8	9?	48?	46
TANTA	00	0	7	03	6	8	AC	16.2	-0.2	12	17	-8	8	-1	88	10	1	18	34
ZAGAZIG	00	0	35	02	1	3	Cu	16.6	+0.7	10	18	-7	8	-1	68	8	0	29	24
ISMAʻÎLÎA	270	5	35	01	1	5	Ac	16.6		12	17		8		77	8	2	32	
FÂRÛK (Airport) (Cairo)	250	12	12	03	2	7	Sc,Ac	16.9		11	18		9		82	8	dr.	7	
ALMÂZA	240	10	14	02	2	7	Sc	17.1	+0.5	11	18	-5	10	-1	77	7	9	8	
EZBEKÎYA			10	01	2	5	Sc	17.0	+1.0	12	18	-7	10	-1	67	6	[illegible]	15	21
GÎZA	290	2	10	01	2	5	Sc	17.5	+1.1	12	19	-6	7	-1	77	8	dr.	43	21
HELWÂN	180	7	7	03	2	7	Cu,Sc	18.2	+2.3	9	17	-8	7	-5	71	4	dr.	3	23
FAIYÛM	360	4	35	02	2	6	St	19.1	+2.9	10	20	-6	6	-4	76	6	0	13	7
MINYA	310	4	8	02	0	0	—	19.9	+2.7	10	21	-4	4	-4	58	2	0	1	
ASYÛT MANQABÂD	270	2	10	02	0	0	—	20.2	+4.4	11	19	-7	7	-3	51	1	0	2	
NAGʻ HAMMÂDI	00	0		00	0	0	—	19.4	+4.2	12	22	-5	6	-3	63	5	0	0.1	
QENA	270	2	35	00	0	0	—	19.1	+4.5	17	24	-8	6	-6	34	1	0	2	
LUXOR	310	4	30	00	0	0	—	19.4	+4.5	15	22		4		39	1	0	1	
ASWÂN	360	5	50	00	0	0	—	19.1	+4.6	14	23	-4	10	-5	36	-1	0	0.1	
SÎWA	310	4	14	00	0	0	—	22.3	+4.8	9	19	-7	6	-3	67	3	0	2	7
BAHARÎYA	270	1	35	02	0	0	—	20.2	+3.6	11	19	-7	6	-3	77	7	0	dr.	7
FARAFRA	00	0	35	00	0	0	—	21.8		11	18		6		63	4	0	0	
DAKHLA	340	15	35	00	0	0	—	20.7	+4.8	10	19	-10	5	-6	38	-4	0	0	
KHARGA	360	2	7	00	0	0	—	20.4	+5.0	13	20	-4	9	-3	44	1	0	0	
SUEZ	00	0	35	00	0	7	Cu	17.0	+1.2	13	20	-5	7	-6	67	7	0	42	14
TÔR	40	9	35	03	1	4	AC	16.4	+2.1	16	24	-1	12	-1	59	8	0	Rain	13
HURGHADA	280	8	14	02	0	1	Cu,Ac	15.9	+0.7	16	18	-4	9	-4	39	2	0	7	
QUSEIR	360	5	15	02	0	0	—	16.2	+2.4	16	20	-5	13	-4	42	3	0	6	4
PORT SÛDÂN	340	11	30	02	0	1	Sc,Cu	14.1					14			17	0		
WÂDI HALFA	30	7	30	01	0	0	—	19.4		12	26		8		31	-5	0		
ABU HAMAD	160	5	30	01	1	1	Ci			17	31		14		28	-7	0		
KAREIMA	10	12	30	03	0	1	Cs	15.9		17	32		13		18	-8	0		
ʻATBARA	350	14	10	07	0	3	Ci	12.2		21	37		18		15	-7	0		
KHARTÛM	360	15	30	02	0	0	—	11.7		23	37		19		15	-5	0		
KASSALA																			
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID	10	11	10	05	1	3	Ci	11.9		21	37		17		15	-7	0		
EL FÂSHER	20	9	30	03	2	4	Ci			20	36		16		35	4	0		
GENEINA	50	12	30	03	0	7	Cs			22	38		19		19	-3	0		
MALAKÂL	30	18	30	03	0	8	Ac,Cs	6.4		29	41		26		12	-3	0		
WAU	130	5	10	04	2	8		10.0		25	39		24		79	21	dr.		
JUBA	360	3	30	03	1	7	Ac,Cs	8.6		28	40		22		62	20	0		

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	66	+1
Ezbekiya	59	0
Giza	63	+1
Helwan	56	+11

GIZA
GRASS MINIMUM TEMP. on 21st 5.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE

Almaza Airport — On 20th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	15		300	8
950					
900					
850	1495	4		250	21
800					
700	3044	-8		280	19
600					
500	5579	-22			
400	7211	-31			
300	9201	-44			

Khartoum Airport — On 21st At 0500 h

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		20		20	15
900	1006	22		10	26
850	1503	23		350	14
800	2088	21		340	12
700	3161	13		320	15
600	4429	3		240	13
500	5879	-4		280	11
400	7598	-16		300	30
300	9726	-29		270	29
200	12482	-52		280	30

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

UPPER WIND OBSERVATIONS on 20th

Station	S.Barani		Matruh		Port Said		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		El Arish		M..ya		P.Said	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	20	300	17	250	9	360	7	310	5	310	12	350	19	320	27	360	22	350	22	290	20	300	10	240	16
600	320	25	320	18	270	14	290	16	320	6	300	17	340	32	320	25	360	46	350	20	290	24	310	8	280	25
1000	340	15	310	19	270	19	290	20	340	5	310	21	330	23	330	10	360	24	340	30	290	29	320	6	280	25
1500					280	20	280	16	320	6	300	24	310	8	330	10					280	27	340	8	280	32
2000					280	41	280	22	320	8	300	24			340	14					270	22	320	8	280	29
3000					280	23			320	8					310	43									280	23
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

Station	Sîdi Barâni		Matrûh		Almaza Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswan		Hurghada			
Time	8		8				8		8		7 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	310	17	340	15			260	20	260	11	190	9	300	10	300	17	330	11						
600	320	22	340	16			280	16	230	19	250	8	300	10	320	24	330	20						
1000	330	17	330	20			290	16	260	21	280	13	310	13	300	4	330	17						
1500	340	10	330	17			300	10	280	16			310	15	310	19	320	18						
2000	250	13					290	21							310	18	300	16						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		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	330	17	320	14	350	9	10	10	10	13														
600	330	16	330	16	340	14	360	11	20	25													20	25
1000	360	13	330	21	340	24	340	17	10	23											60	17		44
1500	20	13	340	9			310	31	340	15											90	5	[illegible]	30
2000	360	16																			30	15	60	26
3000	350	17							290	28											350	17		
4000	330	25																						
5000	3[illegible]0	37							260	50											180	4		
6000																					360	3		
7000																					350	21		
8000																					290	15		

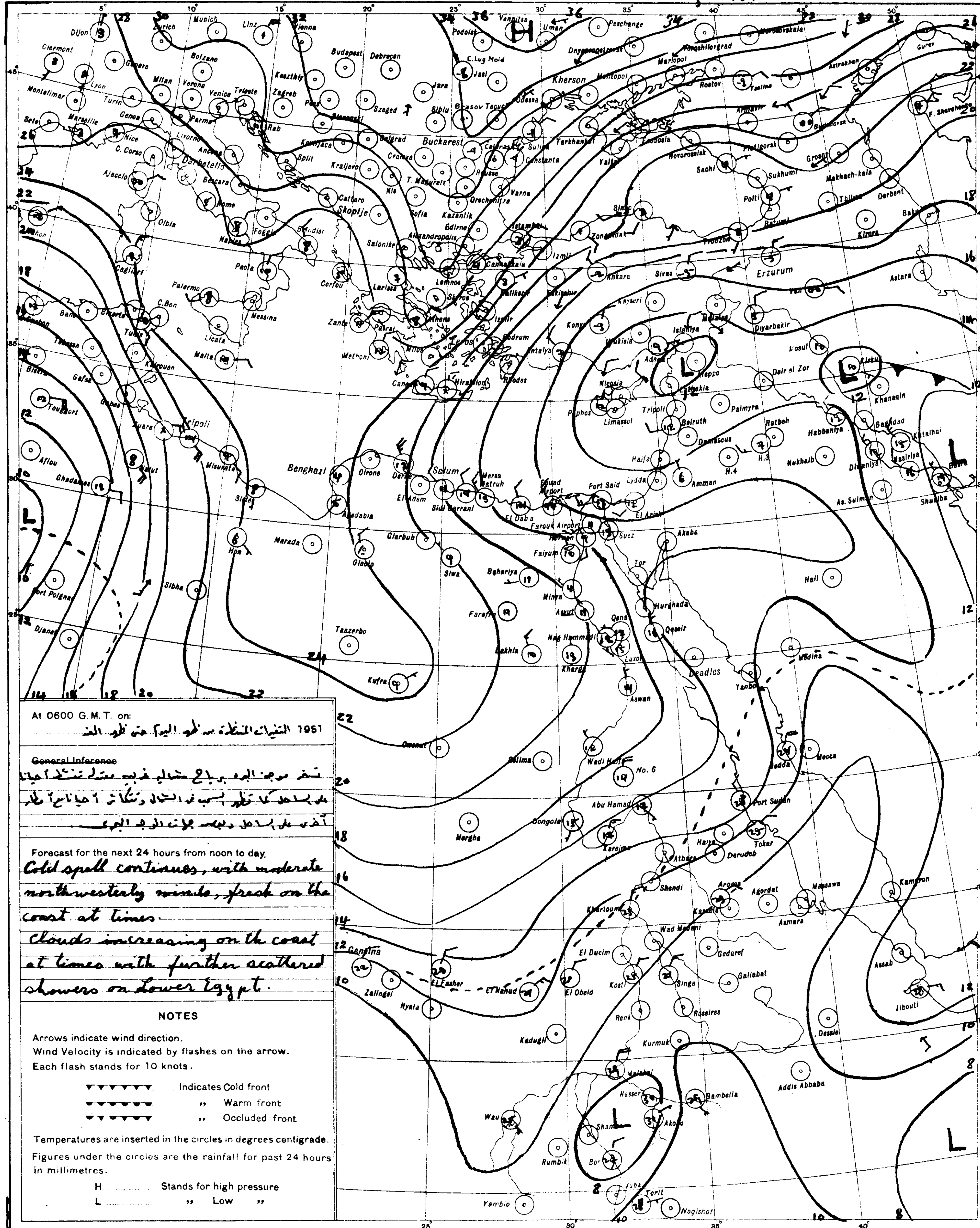
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot — 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49.55?) (50/531)

Annual Subscription [illegible]

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 21/3/1953



At 0600 G.M.T. on:

1951 التنبؤات المتلقاة من ظهر اليوم حتى ظهر الغد

~~General Inference~~

تستمر موجة البرد برياح شمالية غربية معتدلة تنشط أحيانا

على السواحل كما تظهر السحب في الشمال وتتكاثر أحيانا مع أمطار

أخرى على السواحل وبعض جهات الوجه البحري.

Forecast for the next 24 hours from noon to day.

Cold spell continues, with moderate northwesterly winds, fresh on the coast at times.

Clouds increasing on the coast at times with further scattered showers on Lower Egypt.

NOTES

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

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

Temperatures are inserted in the 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	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 57 G.M.T.

" " Sunset 16 08 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 22nd March, 1953

At 1200 on Saturday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	13	35	03	2	6	Cu	21.4	15	39	1
	303	SÎDI BARÂNI	360	12	18	02	8	6	Cu, AC	20.6	15	52	5
	306	MATRÛH	340	14	18	01	2	5	Cu, Sc	19.5	16	42	3
	309	EL DABʿA	340	21	35	02	1	4	Cb	18.3	16	49	5
		ALEXANDRIA	330	26	50	80	5	5	Cu	17.5	16	49	5
	318	Alex (Airport)	360	15	18	01	8	5	Cu	17.3	16	49	5
	330	DAMIETTA	320	5	35	02	1	2	Cu	16.2	16	59	8
	333	PORT SAʿÎD	320	7	30	02	0	4	Cu, Sc	16.3	16	64	9
	336	EL ʿARISH	290	10	18	01	1	3	Cu, Sc	15.6	17	52	7
Lower Egypt	339	DAMANHUR	310	9	15	02	1	4	Cu	17.0	16	68	10
	342	MANṢURA	360	5	35	03	2	5	Sc, Cu	16.4	17	42	4
	348	TANTA	310	8	35	03	2	6	Cu	16.0	17	52	7
	354	ZAGAZIG	00	0	50	02	1	4	Cu	16.6	18	52	8
	440	ISMAʿILIA	290	5	35	03	2	7	Cu	16.4	18	46	6
Cairo Area	366	Cairo (Airport)	290	10	12	61	2	4	Cu	16.5	18	46	6
	372	ALMÀZA	320	11	30	02	2	6	Cu	16.4	18	43	5
		EZBEKIYA	320	3	18	03	1	6	Cb	17.0	18	37	3
		GÎZA	320	3	18	03	1	6	Cb	16.8	20	30	2
	378	HELWÂN	160	3	35	03	2	7	Cb	17.2	16	49	5
Upper Egypt	381	FAIYÛM	360	6	35	02	2	8	As	17.5	18	40	4
	387	MINYA	290	10	10	03	1	7	Sc	18.3	19	32	2
	393	ASYÛT MANQABÂD	290	8	30	02	1	4	Sc	18.5	18	30	0
	399	NAGʿ HAMMADI	90	2	7	00	0	2		17.4	20	56	11
	402	QENA	270	2	50	00	0	0	—	16.7	22	16	-5
	405	LUXOR	280	13	30	00	0	0	—	16.7	21	25	0
	414	ASWÂN	320	2	50	00	0	0	—	16.6	21	26	1
Oases	417	SÎWA	300	6	14	02	2	5	Sc	22.2	19	30	1
	420	BAHARÎYA	360	3	35	03	2	6	AC	19.4	18	60	10
	423	FARAFRA	320	12	35	00	0	0	—	20.8	18	28	-1
	432	DAKHLA	340	25	35	00	0	0	—	19.2	19	30	1
	435	KHARGA	340	2	15	00	0	0	—	17.9	20	24	-1
Red Sea	450	SUEZ	00	0	50	01	0	6	Cu	16.4	17	52	7
	459	TÔR	310	13	35	02	1	0	—	15.8	20	41	6
	462	HURGHÀDA	340	18	30	02	0	1	Cu	15.8	17	52	7
	465	QUSEIR	360	19	15	02	0	0	—		19	52	9
	641	PORT SÛDÂN	40	14	30	02	1	1	Cu	12.5	25	61	17
North Sûdân	600	WÂDI HALFA	10	14	15	05	0	1	Ci	15.6	23	12	-8
	640	ABU HAMAD	360	4	30	03	0	1	Ci		28	8	-10
	660	KAREIMA	360	13	30	02	0	1	Cs	12.6	28	7	-11
	680	ʿATBARA	360	16	10	07	0	8		8.4	33	8	-6
	721	KHARTÛM	320	11	30	03	0	2	Ci	8.3	33	12	0
	730	KASSALA	360	7	30	02	0	0	—	4.2	37	24	13
Central Sûdân	751	WÂD MEDANI	310	9	35	02	0	1	Ci	5.9	37		
	801	RENK	310	18	35	02	0	4	AC		38	22	13
	802	ROSEIRES											
	771	EL OBEID	10	12	30	01	1	4	Cs	7.4	32	8	-7
	760	EL FÂSHER	50	3	30	02	2	8	Cs		32	21	7
	770	GENEINA	40	6	30	03	2	8	Cs		35	10	-1
S. Sûdân	840	MALAKÂL											
	880	WÂU	140	4	10	04	2	7	Cu, AC	4.7	36	29	15
	941	JUBA	120	5	30	03	2	8	Cu, AC	3.1	37	29	16

At 1800 on Saturday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALÛM	20	19	15	02	1	4	Cu	21.4	13	44	1	0
SÎDI BARÂNI	360	6	14	02	1	2	Cu	21.0	13	51	3	0.1
MATRÛH	350	12	15	02	2	4	Sc	20.7	13	55	4	0
EL DABʿA	320	13	15	03	2	7	St	19.6	13	44	1	0
ALEXANDRIA	310	18	50	03	2	7	Cu, Sc	19.6	13	55	4	dr.
Alex (Airport)	330	6	14	01	2	3	Cu, Sc	19.2	13	55	4	0.4
DAMIETTA	320	5		02	1	3	Cu	17.8	14	77	10	0
PORT SAʿÎD	290	7	15	02	1	2	Cu	18.1	14	67	8	0
EL ʿARISH	300	2	14	01	1	0	—	16.9	13	72	8	0
DAMANHUR	310	9	15	02	0	0	—	18.6	13	77	9	0
MANṢURA	40	5		00	1	0	—	18.7	13	67	7	0
TANTA	270	2	35	01	2	4	Cu	18.6	11	88	9	0
ZAGAZIG	00	0	35	02	1	0	—	18.7	11	77	7	0
ISMAʿILIA	340	5	35	02	2	7	Cu	17.9	14	67	8	0
Cairo (Airport)	320	7	12	01	2	1	Sc	18.6	13	72	8	0
ALMÀZA	340	5	12	00	2	0	—	19.0	13	88	11	0
EZBEKIYA	340	5	10	00	2	0	—	18.4	15	59	7	0
GÎZA	340	5	10	00	2	0	—	18.5	12	67	6	0
HELWÂN	320	13	15	01	1	0	—	19.0	13	67	7	0
FAIYÛM	360	4	35	01	2	6	As	18.4	14	55	5	0
MINYA	340	2	8	01	2	2	Sc	18.9	12	59	4	0
ASYÛT MANQABÂD	310	2	12	03	1	7	Sc	18.9	16	42	3	0
NAGʿ HAMMADI	250	2		00	0	0	-	18.2	14?	63	7	0
QENA	70	1	7	00	0	2		18.0	16	32	-1	0
LUXOR	360	5	12	00	0	0	-	18.2	15	42	2	0
ASWÂN	360	6	50	00	0	0	-	17.6	18	28	-1	0
SÎWA	300	2	10	01	0	0	—	21.4	15	39	1	0
BAHARÎYA	360	1	15	02	2	6	AC	19.8	15	68	9	0
FARAFRA	360	6	15	00	0	0	—	21.1	14	36	-1	0
DAKHLA	360	11	35	00	0	0	—	20.0	15	30	-3	0
KHARGA	00	0	15	00	0	0	—	18.8	16	24	-5	0
SUEZ	310	3	15	01	0	2	Cu	17.8	15	48	4	0
TÔR	310	13	15	02	0	0	—	17.5	18	46	6	0
HURGHÀDA	310	20	12	02	0	0	—	17.4	18	52	8	0
QUSEIR	360	5	15	02	0	0	—	16.6	18	52	8	0

At 0600 on Sunday 22nd March, 1953

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
20	13	15	03	2	7	Cu	23.9	+8.0	14	16	-6	10	-1	36	-1	0	36		SALUM
60	8	18	02	2	5	Cu, AC	22.7		12	16		11		47	1	0.1	105		SÎDI BARÂNI
360	15	18	01	1	5	Cu	21.8	+5.5	13	17		10		44	1	0	50		MATRÛH
360	11	15	02	1	4	Cu	21.7		13	19		9				0	68		EL DABʿA
330	16	50	02	2	4	Cu	21.1	+5.5	12	17	-5	11	-2	55	3	dr.	116	178	ALEXANDRIA
340	16	18	03	1	5	Cu, Sc	21.0	+4.6	12	16	-5	11	0	55	3	0.4	115	136	Alex (Airport)
320	5	7	01	1	3	Cu	19.5	+4.0	13	17	-3	7	-4	55	4	0	54	98	DAMIETTA
260	12	30	01	1	2	Cu	19.0	+2.8	13	18	-2	11	-3	67	7	0	61		PORT SAʿÎD
										17									EL ʿARISH
360	9	7	02	1	1	Cu	21.4	+5.5	13	17	-1	7	-3	67	7	0	Rain	91	DAMANHÛR
360	5	15	02	1	3	Cu	20.6	+4.8	12	19	-5	7	-3	55	3	0	48?	46	MANSÛRA
270	2	35	02	0	0	—	21.1	+4.8	10	19	-6	4	-5	76	6	0	18	34	TANTA
00	0	35	02	0	0	—	20.7	+4.9	10	21	-4	5	-4	76	6	0	29	24	ZAGAZIG
70	6	35	02	0	2		20.6		12	19		7		55	3	0	32		ISMAÎLIA
250	3	12	01	1	2	Sc	21.8		12	19		8		67	6	0	7		Cairo (Airport)
280	2	4	01	2	1	Sc	21.4	+4.8	11	20	-4	8	-3	71	6	0	8		ALMÀZA
00	0	10	01	2	4	AC	21.8	+5.8	11	20	-5	8	-3	67	5	0	15	21	EZBEKIYA
00	0	10	01	2	4	AC	22.1	+5.8	12	21	-4	6	-3	63	5	0	43	21	GÎZA
340	2	7	01	1	3	Sc	22.2	+6.3	9	18	-7	7	-5	71	4	0	3	23	HELWÀN
00	0	35	01	1	2	Cu, Sc	22.3	+6.2	11	20	-6	5	-5	58	3	0	13	7	FAIYÛM
340	4	10	02	0	0	—	21.6	+4.6	10	20	-6	3	-5	67	4	0	1		MINYA
320	3	12	02	0	0	—	21.1	+5.4	11	19	-7	7	-3	63	4	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	20.6	+5.7	12	21	-6	6	-3	63	5	0	0.1		NAGʿ HAMMÂDI
40	1	35	00	0	0	—	20.1	+5.6	17	23	-9	5	-1	42	4	0	2		QENA
00	0	30	00	0	0	—	20.3	+5.5	15	21		6		42	2	0	1		LUXOR
180	3	50	00	0	0	—	20.3	+5.9	15	22	-10	10	-6	48	4	0	0.1		ASWÀN
00	0	14	00	0	0	-	23.9	+6.5	9	20	-6	4	-5	71	4	0	2	7	SÎWA
360	1	35	02	1	2	Cu	23.5	+6.9	10	19	-7	3	-7	76	6	0	dr.	7	BAHARÎYA
20	2	35	00	0	0	—	23.4		10	19		6		62	3	0	0		FARAFRA
270	15	50	00	0	0	—	22.7	+6.6	11	20	9	4	-1	41	-2	0	0		DAKHLA
360	2	15	00	0	0	—	21.6	+6.3	13	21	-9	6	-6	55	4	0	0		KHARGA
310	3	35	00	0	3	Cb	20.6	+4.0	13	20	-5	7	-6	55	4	0	42	14	SUEZ
310	9	35	02	0	0	—	19.0	+4.8	17	20	-5	14	+1	52	7	0	Rain	13	TÔR
310	15	30	02	0	1	Cu	18.7	+3.5	16	19	-4	10	-3	59	8	0	7		HURGHADA
330	4	15	03	1	2	Ac	18.4	+4.6	16	20	-5	13	-4	42	3	0	0	4	QUSEIR
340	14	50	02	0	2	Cu	16.5		23	27		18		53	13	0			PORT SÛDÀN
																			WÂDI HALFA
360	6	30	03	2	7	Cs			17	24		12		22	-5	0			ABU HAMAD
30	11	30	03	1	6	Cs	17.4		17	29		13		19	-7	0			KAREIMA
360	18	10	07	1	4	Ci	14.9		19	33		15		16	-8	0			ʿATBARA
																			KHARTÙM
30	9	30	03	0	3	Ci	10.8		26	38		17		48	14	0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
																			EL OBEID
40	1	30	02	2	8	Cs			17	35		16		28	-2	0			EL FÂSHER
																			GENEINA
		30	03	2	8	Cs	9.9		27	40		22		8	-10	0			MALAKÀL
																			WÀU
10	7	30	01	6	5	Ac, Ci	7.4		29	39		26		46	16	0.2			JUBA

HUMIDITY % Mean of day

Station	on 21st.	Diff. from normal
Alexandria	55	-10
Ezbekiya	58	-1
Giza	69	+7
Helwan	62	+17

GÎZA GRASS MINIMUM TEMP on 22nd 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

Cairo AIRPORT On 21st At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	156	17		310	17
950					
900					
850	1510	4		310	11
800					
700	3058	-3		300	12
600					
500	5648	-18		290	41
400	7282	-27		290	67
300	9313	-38			

AIRPORT On At

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

AIRPORT On At

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

UPPER WIND OBSERVATIONS on 21st

Station	S.Barani		Matruh		Alex A.P.		Port Said		El Arish		Minya		Asyut	
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	10	11	360	21	330	17	310	17	300	16	350	12	320	17
600	360	13	350	16	330	16	330	14	290	20	340	10	320	23
1000	20	8			320	17	330	14	280	41	330	22	320	25
1500					320	19	280	4	280	21	320	14	330	32
2000									270	22	320	22	330	20
3000											10	23	320	12
4000														
5000														
6000														
7000														
8000														

Station	Luxor		Aswan		Siwa		Dakhla		Kharga		Farafra	
Time	16		14		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	21	330	15	350	6	350	23	350	12	350	6
600	320	15	340	16	350	3	350	25	340	13	340	6
1000	290	23	340	15	320	4	360	31	330	16	350	7
1500	290	3	330	19	340	10	360	22	320	13	340	6
2000	290	7	320	13	340	16			310	2[illegible]	340	7
3000	350	4			310	22						
4000					300	34						
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on

Station	SÎDI BARÂNI		MATRÛH		Alex AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN	
Time	8		8		8		8					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	16	10	10	320	26	290	24				
600	360	14	350	18	320	22	290	19				
1000	360	13	340	16	320	13	300	14				
1500	320	10	330	18	300	3	300	19				
2000	330	17					290	20				
3000												
4000												
5000												
6000												
7000												
8000												

Station	MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		6				8		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	10	320	5	340	5			320	15	320	14
600	350	8	320	4	350	10			320	16	310	13
1000	330	13	350	8	330	10			310	13	290	4
1500	330	11	320	31	310	15			320	20	330	3
2000	320	16			280	12			290	13		
3000	30	7			350	19						
4000												
5000												
6000												
7000												
8000												

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD	
Time	8		8		8		8				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	15	360	31	60	3	20	8				
600	60	22	360	30	60	7	20	13			10	30
1000	80	16	360	16	30	10	10	16			10	22
1500	20	4	20	17	350	10	360	16			350	13
2000	310	12	340	19	360	10	340	10				
3000	310	23	300	19							300	28
4000	310	44										
5000	310	43									260	31
6000											2[illegible]	48
7000												
8000												

Station	KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time							5				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300												
600											30	25
1000							10	23				
1500							30	27			50	34
2000							50	17				
3000							60	9			100	12
4000												
5000												
6000												
7000												
8000												

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

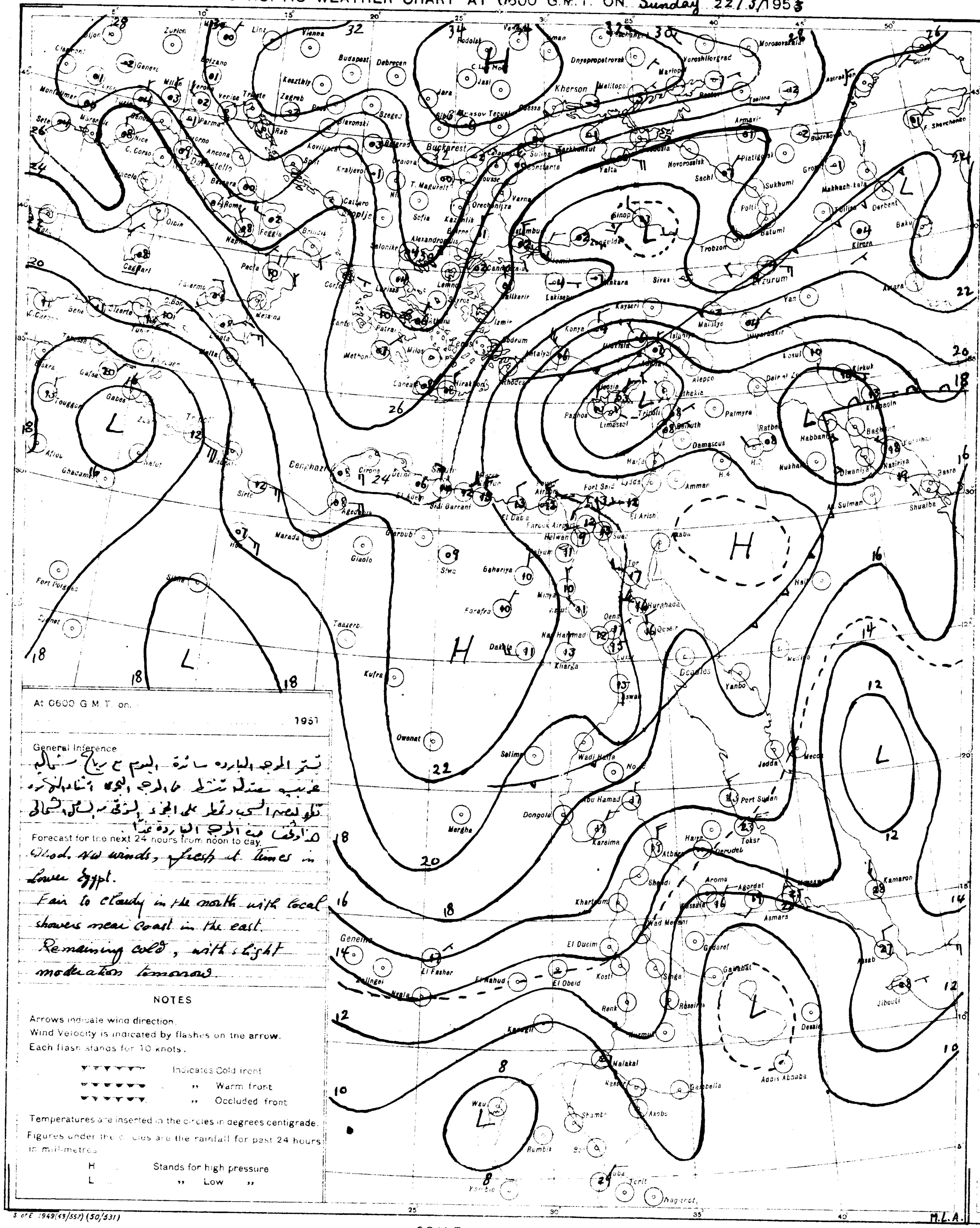
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49.355) (50/53?)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 22/3/1953*



At 0600 G.M.T. on 1951

General Inference

تستمر الموجه الباردة سائدة اليوم مع رياح شمالية
غربية معتدلة تنشط ح الوجه البحري اثناء النهار
تكون لصحبة السحب وتمطر على الجزء الشرقي من الساحل الشمالي
مع تلطف من الموجة الباردة غداً

Forecast for the next 24 hours from noon to day.

Cold. NW winds, fresh at times in Lower Egypt.

Fair to cloudy in the north with local showers near coast in the east.

Remaining cold, with slight moderation tomorrow.

NOTES

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

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

Temperatures are inserted in the 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		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 cloud	0
Some cloud	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	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
Cumulonimbus	Cb
Stratus or Fractostratus	St

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

CAIRO

Time of Sunrise 03 56 G. M. T.

" " Sunset 16 08 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 23rd March, 1952 3

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	40	13	35	03	2	6	Cu	24.3	15	30	-3
	308	SÎDI BARÂNI	40	9	18	02	0	3	Cu	23.7	14	42	1
	306	MATRÛH	350	12	18	03	2	3	Cu	22.7	14	42	1
	309	EL DABA	340	12	35	01	1	3	Cu	21.7	15	48	4
		ALEXANDRIA	310	26	50	02	2	4	Cu	21.5	14	36	-1
	318	FOUAH (Airport)	340	21	18	03	1	4	Cu	21.3	15	48	4
	330	DAMIETTA	270	13	35	02	1	3	Cu	19.8	14	55	5
	333	PORT SA'ÎD	310	20	30	02	0	2	Cu, Sc	19.7	16	52	6
	336	EL 'ARISH	280	14	18	01	1	2	Cu	18.3	16	39	2
LOWER EGYPT	339	DAMANHUR	360	13	15	02	1	3	Cu	21.1	15	48	4
	342	MANSURA	320	13	35	03	2	5	Cu	20.2	16	42	3
	348	TANTA	310	8	35	03	2	5	Cu	21.0	15	48	4
	354	ZAGAZIG	220	1	50	02	1	3	Cu	19.5	19	46	7
	440	ISMAÎLÎA	270	9	35	03	1	6	Cu	19.6	18	28	-1
CAIRO AREA	366	FAROUK (Airport)	290	14	14	02	2	4	Cu	20.2	16	52	6
	372	ALMAZA	290	16	30	02	1	5	Cu	20.3	16	34	0
		EZBEKÎYA	320	4	18	02	1	4	Sc	19.9	17	34	1
		GÎZA	320	4	18	02	1	4	Sc	20.3	19	28	0
	378	HELWÂN	320	4	35	03	2	5	Cu	20.8	16	32	-1
UPPER EGYPT	381	FAIYÛM	360	6	35	02	1	3	Cu, Sc	20.7	18	37	3
	387	MINYA	360	9	10	02	1	0	—	20.7	19	30	1
	393	ASYÛT MANQABAD	310	4	30	02	0	0	—	19.9	18	32	1
	399	NAG' HAMMADI	290	2	7	00	0	0	—	18.7	21	50	10
	402	QENA	270	2	50	00	0	0	—	17.8	24	21	0
	405	LUXOR	290	12	30	00	0	0	—	17.7	22	19	-3
	414	ASWAN	340	5	50	00	0	0	—	17.2	22	29	3
OASES	417	SÎWA	90	3	14	02	0	2	Cu	23.0	20	26	0
	420	BAHARÎYA	320	2	35	02	1	0	—	21.2	18	60	10
	423	FARAFRA	50	5		00	0	0	—	21.6	19	30	1
	432	DAKHLA	180	4	50	00	0	0	—	19.6	21	26	1
	435	KHARGA	360	2	15	00	0	0	—	18.8	21	20	-3
RED SEA	450	SUEZ	310	5	50	03	0	4	Cu	19.2	19	23	-3
	459	TOR	310	9	35	02	0	0	—	17.2	19	52	9
	462	HURGHADA	350	16	30	02	0	0	—	16.9	18	52	8
	465	QUSEIR	360	13	15	01	1	0	—	16.2	20	56	11
	641	PORT SUDÂN	30	16	30	01	1	3	Cu, Ci	14.0	26	55	16
NORTH SUDAN	600	WÂDI HALFA	20	15	30	01	0	1	Ci	16.5	23	18	-3
	640	ABU HAMAD	360	3	30	01	2	4	Ci		28	8	-9
	660	KAREIMA	50	10	30	02	1	5	Cs	13.4	27	6	-13
	680	'ATBARA	360	14	10	07	1	3	Ci	9.4	31	6	-10
	721	KHARTUM	20	13	30	02	2	8	Cs	9.3	32	12	-1
	730	KASSALA	20	8	30	01	2	1	Cs	5.4	36	24	12
CENTRAL SUDAN	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	20	13	30	02	2	7	Cs	8.6	30	5	-15
	760	EL FÂSHER	20	1	30	02	2	2	Ci		31	26	9
	770	GENEINA											
S. SUDAN	840	MALAKÂL	50	10	30	02	2	8	Cs	4.0	38	6	-6
	880	WÂU	90	6	10	04	2	7	Ac, Cs	5.2	36	8	-3
	941	JUBA	20	5	30	01	2	6	Cu, Ac	3.7			-15

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	40	13	15	01	1	3	Cu	24.2	13	55	4	0
SÎDI BARÂNI	360	11	14	01	1	3	Ac	24.1	12	41	-1	0
MATRÛH	340	13	18	01	2	4	Cu	23.3	11	47	0	0
EL DABA	340	7	7	02	1	4	Cu	22.8	11	41	-2	0
ALEXANDRIA	310	22	35	03	2	6	Cb	23.0	12	47	1	0
FOUAH (Airport)	340	12	12	01	1	3	Cu	22.3	11	51	1	0
DAMIETTA	320	13	7	02	1	3	Cu	21.4	11	51	1	0
PORT SA'ÎD	300	20	15	02	0	1	Sc	21.2	12	55	3	0
DAMANHUR	360	9	15	02	1	3	Sc, Cu	22.2	8	88	6	0
MANSURA	270	5		02	1	3	Cu	22.4	10	62	3	0
TANTA	270	2	35	01	2	4	Cu	22.4	9	62	2	0
ZAGAZIG	00	0	35	02	1	0	—	22.2	9	71	4	0
ISMAÎLÎA	340	5	35	01	0	0	—	21.6	11	51	1	0
FAROUK (Airport)	340	7	12	00	0	0	—	21.7	11	54	2	0
ALMAZA	340	9	12	00	0	0	—	22.1	10	76	6	0
EZBEKÎYA	330	6	10	01	1	3	Ac	21.9	12	55	3	0
GÎZA	330	6	10	01	1	3	Ac	22.7	10	58	2	0
HELWÂN	340	17	15	01	1	0	—	22.4	11	51	1	0
FAIYÛM	360	4	35	01	0	0	—	21.6	12	55	3	0
MINYA	360	4	6	02	0	0	—	20.9	10	76	6	0
ASYÛT MANQABAD	00	0	6	02	0	0	—	21.1	13	48	2	0
NAG' HAMMADI	290	2		00	0	0	—	19.2	15	48	4	0
QENA	270	1	7	00	0	0	—	19.5	13	44	1	0
LUXOR	290	6	12	00	0	0	—	18.5	16	59	8	0
ASWAN	360	4	50	00	0	0	—	18.0	18	37	3	0
SÎWA	60	3	10	01	0	0	—	22.8	16	34	0	0
BAHARÎYA	360	2	15	02	0	3	—	22.2	13	67	7	0
FARAFRA	00	0	15	00	0	0	—	22.0	14	36	-1	0
DAKHLA	360	11	35	00	0	0	—	21.4	17	26	-3	0
KHARGA	00	0	15	00	0	0	—	20.3	16	32	-1	0
SUEZ	310	6	15	01	0	0	—	20.8	14	36	-1	0
TOR	40	5	15	02	0	0	—	18.8	18	37	3	0
HURGHADA	290	13	12	02	0	0	—	18.2	16	37	2	0
QUSEIR	330	5	15	02	0	0	—	17.9	18	52	8	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 23rd March, 1953

Station	Wind 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	40	4	15	03	2	6	Cu, Ci	24.0	+8.2	14	16	-6	11	0	32	-3	0	36	
SÎDI BARÂNI	10	4	16	02	2	5	Ac, Ci	23.6		13	15		11		44	1	0	105	
MATRÛH	340	12	14	03	1	6	Cu, Sc	23.4	+7.2	12	15		10		55	3	0	50	
EL DABA	360	10	15	02	1	4	Cb	22.4		12	15		9		44	0	0	88	
ALEXANDRIA	360	22	50	03	2	6	Sc	21.8	+6.2	12	18	-7	10	-3	44	0	0	116	178
FOUAH (Airport)	10	9	14	02	8	7	Cu, Sc	22.5	+6.1	12	16	-5	9	-2	55	3	0.1	115	136
DAMIETTA	270	5		03	6	4	Ci	21.5	+6.0	12	15	-5	6	-5	63	5	1	55	99
PORT SA'ÎD	260	16	30	03	1	5	Cu, Sc	21.6	+5.4	10	17	-3	9	-5	71	5	0	61	
EL 'ARISH	230	10	18	03	1	7	Cu, Sc	21.1	+5.4	10			7		54	1	1	39	
DAMANHUR	360	5	15	02	5	1	Cu	22.4	+6.6	13	16	-8	5	-5	77	9	tr.	Rain	41
MANSURA	220	5	15	03	2	4	Cb	22.6	+6.9	8	17	-9	5	-5	71	3	0	48	46
TANTA	270	2	35	03	2	6	Cu	22.6	+6.4	11	18	-7	4	-5	63	4	0	18	34
ZAGAZIG	220	1	35	02	0	0	—	22.6	+6.8	9	21	-4	4	-5	71	4	0	29	24
ISMAÎLÎA	270	5	35	01	1	2	Ac	22.6		11	19		5		51	1	0	32	
FAROUK (Airport)	250	6	13	02	0	0	—	23.8		10	18		6		50	0	0	7	
ALMAZA	230	6	18	00	0	0	—	23.2	+6.7	10	18	-6	6	-5	62	3	0	8	
EZBEKÎYA	240	2	10	00	0	0	—	23.3	+7.4	9	18	-7	6	-5	62	2	0	15	22
GÎZA	240	2	10	00	0	0	—	23.5	+7.2	12	19	-6	3	-6	51	2	0	43	21
HELWÂN	340	3	7	05	1	0	—	24.0	+8.2	8	17	-8	5	-7	58	0	0	3	23
FAIYÛM	00	0	35	02	0	0	—	24.4	+8.3	11	20	-6	4	-6	63	4	0	13	7
MINYA	360	5	10	02	0	0	—	24.2	+7.1	10	20	-6	3	-5	58	2	0	1	
ASYÛT MANQABAD	320	2	14	02	0	0	—	23.9	+8.3	10	19	-7	4	-6	44	-2	0	2	
NAG' HAMMADI	00	0		00	0	0	—	22.2	+7.2	10	22	-6	6	-4	62	3	0	0.1	
QENA	270	1	35	00	0	0	—	22.2	+7.7	15	25	-7	6	-7	39	1	0	2	
LUXOR	00	0	16	00	0	0	—	21.6	+6.6	14	23		6		34	-2	0	1	
ASWAN	20	3	50	00	0	0	—	21.1	+6.9	15	22	-9	10	-6	39	1	0	0.1	
SÎWA	90	4	14	03	0	3	Ac, Cs	25.0	+7.6	10	20	-6	8	-1	54	1	0	2	7
BAHARÎYA	40	1	35	02	0	0	—	24.4	+7.9	9	19	-7	5	-5	71	4	0	tr.	7
FARAFRA	20	2	35	00	0	0	—	24.4		9	20		4		47	-2	0	0	
DAKHLA	20	25	50	00	0	0	—	23.1	+7.3	12	24	-5	8	-3	44	0	0	0	
KHARGA	360	4	15	00	0	0	—	22.6	+7.4	12	21	-4	8	-4	33	-4	0	0	
SUEZ	00	0	35	00	0	0	—	21.8	+6.0	11	21	-4	3	-10	51	1	0	42	14
TOR	310	9	35	02	0	0	—	21.6	+7.5	17	20	-5	13	-1	60	9	0	Rain	13
HURGHADA	310	22	30	02	0	0	—	20.9	+5.8	13	19	-4			63	6	0	7	
QUSEIR	360	5	15	02	0	0	—	20.0	+6.3	15	20	-6	13	-4	59	7	0	8	4
PORT SUDÂN	340	16	30	02	1	2	Sc, Ci	17.0		23	27		17		61	15	0		
WÂDI HALFA																			
ABU HAMAD	360	4	30	02	0	0	—			17	28		13		24	4	0		
KAREIMA																			
'ATBARA																			
KHARTUM	10	13	10	07	1	1	Ci	15.0		19	32		15		21	-4	0		
KASSALA	20	17	30	03	0	2	Ci	14.8		20	33		14		19	-4	0		
WAD MEDANI	40	9	30	02	0	0	—	12.1		23	36				53	13	0		
RENK																			
ROSEIRES																			
EL OBEID	40	15	30	03	0	1	Ci	13.9		21	32		15		9	-13	0		
EL FÂSHER																			
GENEINA	40	11	30	03	0	2	Cs			21	37		17		1	-11	0		
MALAKÂL																			
WÂU	00	0	12	04	1	3	Ci	11.2		24	39		19		38	9	0		
JUBA	130	7	30		9	8	Cb, Ac	13.9		23	39				84	20	0.3		

HUMIDITY

Mean of day %

Station	on 22nd	Diff. from normal
Alexandria	43	-22
Ezbekiya	53	-6
Giza	55	-7
Helwan	56	+11

GÎZA

GRASS MINIMUM TEMP. ON 23rd -1.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — Khartoum AIRPORT

On 22nd At 15h. Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	172	16		310	19
950					
900					
850	1521	4		290	13
800					
700	3068	-3		280	35
600					
500	5662	-19		280	67
400	7308	-17			
300	9334	-39			

On 23rd At 0500 h Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		17		20	30
900	1027	21		10	21
850	1518	20		20	13
800	2033	18		340	17
700	3155	10		300	46
600	4422	6		240	16
500	5885	-3		320	16
400	7916	-16		330	8
300	9690	-31		260	6
200	12451	-53		250	18

UPPER WIND OBSERVATIONS on 22nd

Station	Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada	
Time	14		14		14		14		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	10	12	320	27	300	22	290	14	360	11	360	13	330	15	320	12	350	9	20	4	350	5	360	15	360	21
600	10	11	320	16	310	21	280	15	360	13	330	11	340	18	310	10	350	16	30	5	360	7	360	18	340	21
1000	360	15	320	17	320	20	270	21	360	13	320	12	330	19	310	11	350	13	50	6	360	6	360	17	320	22
1500	340	15			350	16	260	25	350	30	310	16	310	16	310	9	360	14	70	4	50	6	350	11	260	19
2000							260	25			300	24	310	23	310	19	330	14	300	17	340	15				
3000													300	42	220	38					360	4				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Station	Sîdi Barâni		Matrûh		Alex. Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra	
Time	8		8				8		8		7 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	30	19	10	22			270	13	250	23	20	4	360	16	360	23	350	5					50	15
600	30	21	10	17			290	16	280	21	290	5	360	14	360	21	350	10					70	5
1000	30	16	340	6			310	17	290	45	310	11	10	17	340	7	350	12					70	14
1500	40	12	350	15			320	27	290	23			320	17	340	15	300	16					80	14
2000							310	37					310	15			310	21					80	14
3000																	290	20						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		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	70	27	60	28	80	7	40	15	50	11														
600	70	29	60	28	60	9	20	23	40	20	20	26			10	25							20	30
1000	80	22	50	15	40	8	20	16	30	17	20	17			10	21			20	24			30	33
1500	50	11	30	7	320	13	340	17	230	18	10	12			200	7			10	25				
2000	300	4			280	16	310	16																
3000	300	10							330	17	330	13			310	28			360	8			40	6
4000	290	14													270	23			230	2			130	14
5000											280	29			260	19			150	9				
6000											300	40			320	19			30	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.

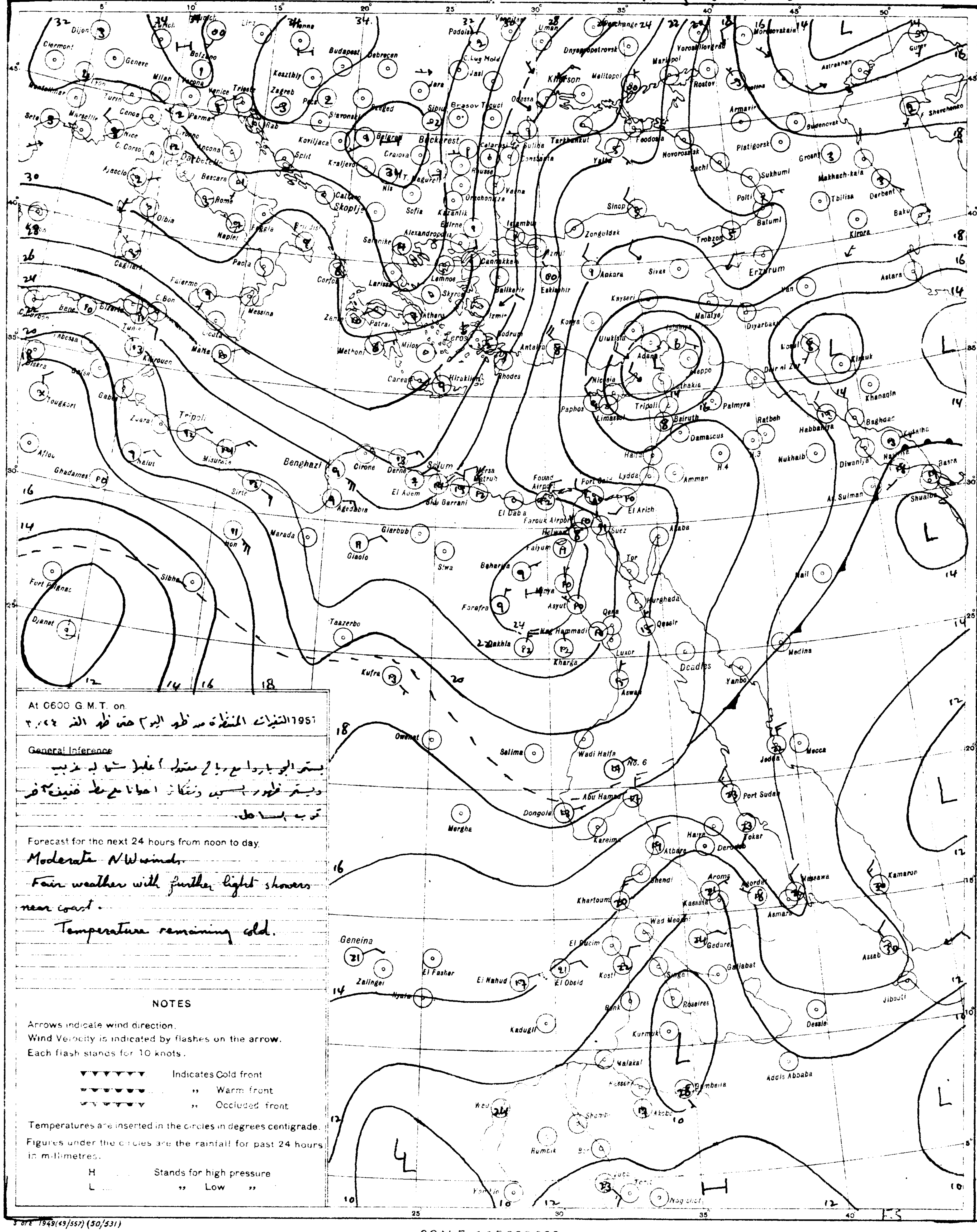
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49.557) (50/591)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 23/3/1953



At 0600 G.M.T. on ١٩٥٣ التنبؤات المنتظرة من ظهر اليوم حتى ظهر الغد ٢٤/٣

General Inference

يستمر الجو بارد مع رياح معتدلة أغلبها شمالية غربية

ويستمر ظهور السحب وتتساقط أمطار خفيفة في

قريبة بالسواحل.

Forecast for the next 24 hours from noon to day.

Moderate NW winds.

Fair weather with further light showers near coast.

Temperature remaining cold.

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front

,, Warm front

,, Occluded front

Temperatures are inserted in the 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 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.O.P. 1949(49/557) (50/531)

CAIRO
Time of Sunrise 03 55 G.M.T.
" " Sunset 16 09 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date: Tuesday 24th March, 1952 3

At 1200 on Monday 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	40	17	35	03	2	7	Cu	23.9	14	36	-1
	303	SÎDI BARÂNI	30	13	18	02	2	7	Cu, Sc	23.3	14	48	3
	306	MATRÛH	10	15	18	01	1	4	Cu	23.1	15	48	4
	309	EL DABʻA	20	4	35	02	1	5	Cb	22.5	14	48	3
		ALEXANDRIA	360	20	50	02	2	6	Sc	22.8	15	39	1
	318	FAROUK (Airport) Alex.	350	7	18	01	2	5	Sc	22.5	15	45	3
	330	DAMIETTA	320	5	7	03	1	7	Cu	21.4	14	48	3
	333	PORT SAʻÎD	330	14	30	02	2	4	Cu, Sc	21.6	15	48	4
	336	EL ʻARISH	280	12	30	03	8	5	Cu, Sc	20.3	14	48	3
Lower Egypt	339	DAMANHUR	310	13	15	02	1	3	Cu	22.4	16	49	5
	342	MANŞURA	340	5	35	02	1	3	Cu	22.0	17	34	1
	348	TANTA	310	5	35	03	2	5	Cu	22.2	15	39	1
	354	ZAGAZIG	00	0	50	02	1	4	Cu	22.3	17	42	4
	440	ISMAʻILIA	240	5	35	03	1	4	Cu	21.4	18	28	-1
Cairo Area	366	FAROUK (Airport) Cairo	340	9	14	01	2	5	Sc	22.4	15	48	4
	372	ALMÂZA	340	8	30	01	2	5	Cu	21.9	16	42	3
		EZBEKIYA	320	3	18	03	0	4	Sc	22.4	16	42	3
		GÎZA	320	3	18	03	0	4	Sc	22.6	16	42	3
	378	HELWÂN	290	13	35	02	2	6	Cu	22.2	15	39	1
Upper Egypt	381	FAIYÛM	360	6	35	02	1	2	Sc, Cu	22.3	16	42	3
	387	MINYA	10	10	10	02	1	0	—	21.9	17	32	0
	393	ASYÛT MANQABÂD	360	8	18	02	0	0	—	21.3	19	21	-4
	399	NAGʻ HAMMÂDI	340	1	7	00	0	0	—	19.4	23	18	-3
	402	QENA	270	1	50	00	0	0	—	18.3	25	11	-8
	405	LUXOR	320	10	30	00	0	0	—	18.5	23	12	-8
	414	ASWÂN	340	4	50	01	1	0	—	18.0	24	26	-3
Oases	417	SÎWA	90	9	18	02	2	5	Sc, Ac	23.1	19	21	-4
	420	BAHARÎYA	360	3	35	02	0	0	—	21.9	18	60	10
	423	FARAFRA	70	3	50	03	1	4	Ci	22.0	19	23	-3
	432	DAKHLA	20	11	50	00	0	0	—	19.9	21	20	-3
	435	KHARGA	360	1	15	00	0	0	—	19.5	20	17	-6
Red Sea	450	SUEZ	310	4	50	03	0	3	Sc	21.4	17	34	1
	459	TÔR	310	19	35	02	0	0	—	20.2	17	42	4
	462	HURGHÂDA	340	27	30	02	0	0	—	19.1	16	49	5
	465	QUSEIR	360	13	15	02	0	0	—	17.9	20	46	8
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʻATBARA	360	14	12	07	0	0	—	10.1	32	4	-5
	721	KHARTÛM	340	13	30	02	0	1		10.3	32	13	0
	730	KASSALA	20	6	30	02	0	0	—	6.9	34	12	1
Central Sûdân	751	WÂD MEDANI	310	9	35	02	0	0	—	8.7	34	7	-7
	801	RENK	310	19	35	02	0	2	Ac		36	24	12
	802	ROSEIRES	320	5	35	02	0	0	—	4.8	38	16	7
	771	EL OBEID	60	13	30	03	0	1	Ci	8.5	32	26	10
	760	EL FÂSHER	40	8	30	02	0	1	Ci		32	26	10
	770	GENEINA	50	5	30	02	0	1	Ci		35	9	-3
S. Sûdân	840	MALAKÂL	360	12	30	03	2	7	Ac	6.6	37	9	-1
	880	WÂU	90	7	10	04	0	5	Ac, Ci	6.9	37	8	-3
	941	JUBA	180	7	50	60	6	7	Ns, Ci	9.7	24	74	19

At 1800 on Monday 23rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALŪM	40	19	15	03	2	7	Cu	25.2	13	44	1	0
SÎDI BARÂNI	30	16	14	02	2	6	Cu, Sc	24.4	13	48	2	0
MATRÛH	360	8	15	02	2	4	Sc	23.7	12	59	4	0
EL DABʻA	20	5	7	03	2	7	Sc	22.8	13	55	4	0
ALEXANDRIA	20	11	35	02	2	7	Sc	23.4	12	55	3	0
FAROUK (Airport) Alex.	350	6	12	03	2	7	Sc	22.9	12	55	3	0
DAMIETTA	320	5		01	1	3	Cu	22.8	12	55	3	0
PORT SAʻÎD	330	11	14	02	0	2	Cu	22.6	13	55	4	0
EL ʻARISH	360	8	14	03	2	6	Cu, Sc	21.8	13	51	3	0.3
DAMANHUR	310	9	15	02	1	3	Cu	23.0	10	76	6	0
MANŞURA	360	5		03	2	8	Sc	23.0	13	55	4	0
TANTA	00	0	35	01	1	3	Cu	23.0	10	76	6	0
ZAGAZIG	00	0	35	02	1	0	—	22.3	10	76	6	0
ISMAʻILIA	20	5	35	01	0	0	—	22.6	12	44	0	0
FAROUK (Airport) Cairo	340	6	12	00	1	0	—	22.9	12	55	3	0
ALMÂZA	340	8	12	00	1	0	—	23.0	11	63	4	0
EZBEKIYA	330	7	10	00	1	0	—	22.6?	14	52	4	0
GÎZA	330	7	10	00	1	0	—	23.1	11	63	4	0
HELWÂN	340	11	15	01	0	0	—	23.4	12	55	3	0
FAIYÛM	360	4	35	01	0	0	—	23.0	13	44	1	0
MINYA	20	4	8	03	0	4	Ac, Ci	23.5	11	63	4	0
ASYÛT MANQABÂD	310	4	15	02	0	0	—	22.0	11	58	3	0
NAGʻ HAMMÂDI	270	1		00	0	0	—	19.5	16	32	-1	0
QENA	270	1	7	00	0	0	—	18.8	17	26	-3	0
LUXOR	270	6	12	00	0	0	—	19.2	17	24	-4	0
ASWÂN	360	3	50	00	0	0	—	18.2	20	24	-1	0
SÎWA												
BAHARÎYA	360	1	15	02	2	6	Ac	22.2	14	55	5	0
FARAFRA	90	10	15	02	1	3	Ci	21.8	15	20	-8	0
DAKHLA	360	11	35	00	0	0	—	20.7	17	26	-3	0
KHARGA	00	0	15	00	0	0	—	19.5	16	42	3	0
SUEZ	310	6	15	01	0	1	Sc	21.8	14	48	3	0
TÔR	310	5	15	02	0	0	—	20.2	17	34	1	0
HURGHÂDA	310	26	12	02	0	0	—	19.4	15	48	4	0
QUSEIR	360	9	15	02	0	0	—	18.3	19	46	7	0
PORT SÛDÂN to JUBA												

At 0600 on Tuesday 24th March, 1953

Station	Wind 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	30	13	15	03	2	7	Cu	25.9	+10.2	14	15	-7	12	+1	36	-1	0	36	
SÎDI BARÂNI	10	9	18	02	2	6	Ac	24.7		13	15		12		44	1	0	105	
MATRÛH	350	15	30	03	2	6	Sc	23.5	+7.3	15	16		14		59	7	0	50	
EL DABʻA	340	9	15	03	4	7	Sc	23.0		14	15		11		77	10	0	88	
ALEXANDRIA	330	16	50	03	2	7	Sc	23.1	+7.6	13	16	-6	11	-2	55	4	0	116	179
FAROUK (Airport) Alex.	10	5	18	02	2	7	Ns	23.3	+6.9	14	16	-5	10	-1	52	4	0	115	136
DAMIETTA	220	2	7	01	1	1	Cu	22.8	+7.4	11	15	-5	4?	-7	63	4	0	55	99
PORT SAʻÎD	260	10	12	02	0	1	Sc	22.0	+5.8	13	16	-4	10	-4	59	5	0	61	
EL ʻARISH	250	8	30	01	1	3	Cu, Sc	21.9	+6.3	12	16		8		47	1	0.3	39	
DAMANHÛR	40	5	7	02	1	2	Ac	22.4	+6.7	14	17	-7	10	0	55	5	0	Rain	91
MANSÛRA	360	5	15	00	1	0	—	22.3	+6.6	12	17	-7	6	-4	55	3	0	48	47
TANTA	00	0	35	02	0	0	—	22.2	+6.1	11	17	-8	4	-5	63	4	0	18	34
ZAGAZIG	00	0	35	02	0	0	—	22.0	+6.3	11	20	-5	5	-4	63	4	0	29	24
ISMAÎLIA	290	2	35	01	0	0	—	23.1		13	18		6		55	4	0	32	
FAROUK (Airport) Cairo	00	0	14	00	0	0	—	23.6		12	17		5		55	3	0	7	
ALMÂZA	00	0	12	00	0	0	—	23.6	+7.1	10	17	-7	6	-5	71	5	0	8	
EZBEKIYA	250	2	10	00	0	0	—	23.6	+7.8	10	17	-9	7	-4	62	3	0	15	22
GÎZA	250	2	10	00	0	0	—	23.9	+7.7	12	18	-7	4	-5	55	3	0	43	21
HELWÂN	00	0	7	05	0	0	—	24.4	+8.7	10	16	-9	7	-5	62	3	0	3	23
FAIYÛM	00	0	35	02	0	0	—	24.6	+8.6	11	18	-8	5	-5	63	4	0	13	7
MINYA	350	8	8	02	0	0	—	23.5	+6.4	11	18	-8	4	-4	63	4	0	1	
ASYÛT MANQABAD	280	4	10	02	0	0	—	23.3	+7.8	10	20	-6	5	-5	54	1	0	2	
NAGʻ HAMMÂDI	00	0		00	0	0	—	21.5	+6.6	10	23	-5	6	-4	76	6	0	0.1	
QENA	270	1	35	00	0	0	—	21.0	+6.6	17	26	-6	6	-7	42	4	0	2	
LUXOR	250	2	30	00	0	0	—	21.1	+6.4	14	24		8		37	0	0	1	
ASWÂN	360	3	50	00	0	0	—	20.0	+5.9	15	25	-7	11	-5	30	-3	0	0.1	
SÎWA	00	0	14	03	0	1	Ac	25.4	+8.1	10			7	-2	67	4	0	2	7
BAHARÎYA	40	1	35	02	0	0	—	24.8	+8.3	11	19	-8	6	-4	77	7	0	dr.	7
FARAFRA	20	8	35	00	0	0	—	24.8		10	20		4		50	0	0	0	
DAKHLA	20	9	50	00	0	0	—	21.6	+5.9	13	22	-8	8	-3	44	1	0	0	
KHARGA	40	4	15	00	0	0	—	21.8	+6.7	13	21	-9	11	-1	34	-3	0	0	
SUEZ	00	0	35	00	0	0	—	23.1			20	-5	3?	-10	62	3	0	42	14
TÔR	40	2	35	02	0	0	—	22.2	6.2	f	20	-5	10	-4	48	3	0	Rain	13
HURGHADA	320	18	30	02	0	1	Cu	21.1	6.0		17	-6	9	-4	55	5	0	7	
QUSEIR	360	2	15	02	0	0	—	20.7	7.1		20	-6	14	-3	52	7	0	8	4
PORT SÛDÂN	340	15	30	01	0	3	Sc, Cu	16.2			27		17		69	16	0		
WÂDI HALFA	340	3	30	02	0	0	—	18.6		15	28		11		25	-5	0		
ABU HAMAD	360	3	30	02	0	0	—			20	32		14		18	-5	0		
KAREIMA	50	13	35	02	0	0	—			19	29		12		64	12	0		
ʻATBARA	20	9	30	02	0	0	—	15.0		20	33		13		26	0	0		
KHARTÛM																			
KASSALA	30	3	30	02	0	0	—	11.5		24	35		13		50	13	0		
WÂD MEDANI	50	9	35	02	0	0	—	13.1		23	35		13		20	-1	0		
RENK																			
ROSEIRES	310	2	35	02	0	0	—	11.3		24	38		18		17	-3	0		
EL OBEID	20	15	30	02	0	1	Ci	13.3		23			14		10	-10	0		
EL FÂSHER	00	0	30	03	0	1	Ci			17	35		13		34	1	0		
GENEINA	50	7	30	01	0	0	—			23	37		16		10	-11	0		
MALAKÂL																			
WÂU	00	0	10	04	2	7	Cs	12.2		22	37		18		38	7	0		
JUBA	180	8	50	21	6	8	Ac, Cs	11.6		25	27		21		65	18	0.4		

HUMIDITY % Mean of day

Station	on 23rd	Diff. from normal
Alexandria	46	-19
Ezbekiya	52	-7
Giza	52	-9
Helwan	53	+8

GÎZA
GRASS MINIMUM TEMP.
ON 24th -0.5 °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 (Cairo) AIRPORT — On 23rd At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	168	15		350	13
950					
900					
850	1527	0		340	10
800					
700	3071	-4		310	24
600					
500	5664	-18		290	67
400	7304	-26		290	78
300	9344	-38			
200	12040	-46			

AIRPORT — On At

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

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 23rd

Station	Matruh		Alex. AP		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		S. Barani		Farafra		Asyut	
Time	14		14		14		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	340	16	350	15	320	23	290	15	340	12	360	16	350	10	360	15	300	7	10	20	20	14	40	5	10	16
600	360	12	340	16	310	16	290	10	340	9	350	19	350	15	360	10	310	8	10	23	40	9	60	7	10	13
1000	360	17	340	19	320	22	300	15	340	10	350	22	350	11	360	13	310	9	10	18	30	12	30	11	10	8
1500	350	11	340	17	320	22			330	7	10	9	320	20	350	15	340	8	360	16			30	7	340	17
2000					300	23			320	17	70	5	300	31									20	8	310	25
3000									300	28																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	Sîdi Barâni		Matrûh		Alex. Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra	
Time	8		8		8		8		8		6	45	8		8		8	15					8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	8	330	15	310	6	280	11	290	7	360	4	10	16	360	3	30	7					40	16
600	350	7	330	14	320	9	310	13	280	14	20	10	10	22	20	7	360	8					40	16
1000	360	10	320	10	320	11	290	10	270	16	350	19	20	16	350	12	350	8					50	13
1500	350	12	350	16			340	9	240	7	340	10	320	10	300	20	300	15					40	12
2000							300	10	290	18	310	16	280	12	300	22	280	28					30	13
3000							290	32			310	32											350	6
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				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	60	21	360	19	60	12	20	17																
600	70	25	360	23	50	11	20	26			40	22	60	27									20	24
1000	60	12	10	11	350	9	20	30			50	23	60	29							10	9	20	45
1500	350	16	20	13			360	20			50	21	70	31							60	21	50	21
2000	310	9	360	22																				
3000	300	19	300	22							340	14	360	24							30	19	70	6
4000	300	24																						
5000																								
6000																								
7000																								
8000																								

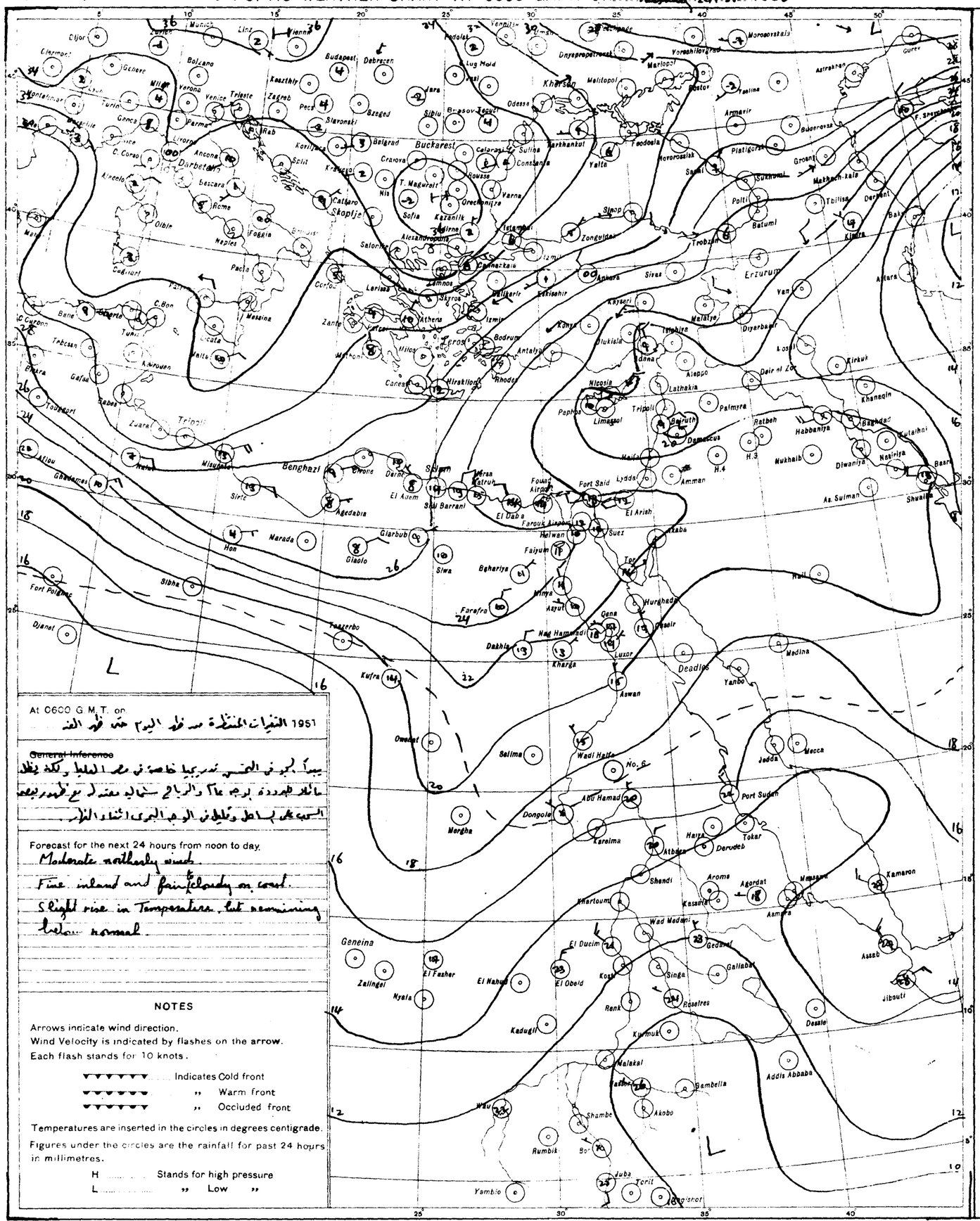
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49.557) (50/537)

Annual Subscription P.T. 50

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 24/3/ 1953



At 0600 G.M.T. on 1951 التغيرات المنتظرة من ظهر اليوم حتى ظهر الغد

~~General Inference~~

يبدأ الجو في التحسن تدريجيا خاصة في مصر العليا ولكنه يظل مائلا للبرودة بوجه عام والرياح شمالية معتدلة مع ظهور بعض السحب على الساحل وقليل في الوجه البحري اثناء النهار.

Forecast for the next 24 hours from noon to day.

Moderate northerly winds.

Fine inland and fair to cloudy on coast.

Slight rise in Temperature, but remaining below normal.

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ ,, Warm front

▼▼▼▼▼▼ ,, Occluded front

Temperatures are inserted in the 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 54 G.M.T.

" " Sunset 16 09 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Wednesday 25th March, 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	SALÛM	40	13	35	02	1	3	AC	26.0	16	42	3
	303	SÎDI BARÂNI	10	9	18	02	0	2	Cu, AC	24.3	15	42	2
	306	MATRÛH	330	19	18	01	1	4	Sc	23.7	17	42	4
	309	EL DABA	360	11	35	01	1	3	Cu	22.9	17	34	1
		ALEXANDRIA	310	16	50	02	2	4	Cu	22.3	16	42	3
	318	FAIRAY (Airport)	350	12	18	01	2	5	Sc	22.6	17	49	6
	330	DAMIETTA	200	5	35	02	1	1	Cu	21.8	15	48	4
	333	PORT SA'ID	330	15	30	02	0	2	Cu	21.7	16	52	6
	336	EL 'ARISH	270	8	30	01	1	1	Cu	20.7	16	39	2
Lower Egypt	339	DAMANHUR	130	9	15	02	1	3	Cu	22.3	17	52	7
	342	MANSURA	20	5	35	02	1	3	Cu	22.2	17	34	1
	348	TANTA	270	2	35	01	1	4	Cu	22.3	18	37	3
	354	ZAGAZIG											
	440	ISMA'ILIA	340	5	35	01	1	3	Cu	21.5	18	28	-1
Cairo Area	366	FAIRAY (Airport)	290	10	30	03	1	3	Cu	22.3	17	34	1
	372	ALMAZA	350	11	30	02	1	3	Cu	21.9	17	39	3
		EZBEKIYA			18	03	0	1	Cu	22.0	18	37	3
		GIZA			18	03	0	1	Cu	21.8	18	34	2
	378	HELWÂN	290	9	50	02	0	0	—	21.9	16	42	3
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	22.2	18	37	3
	387	MINYA	360	9	10	02	0	0	—	21.0	19	37	4
	393	ASYÛT MANQABÂD	330	8	30	02	0	2	Ci	20.5	21	14	-8
	399	NAG' HAMMÂDI	290	1	7	00	0	0	—	18.4	25	28	5
	402	QENA	270	1	50	00	0	0	—	18.2	26	18	0
	405	LUXOR	360	3	30	00	0	0	—	18.1	27	20	2
	414	ASWÂN	340	4	50	00	0	0	—	17.0	26	18	0
Oases	417	SIWA											
	420	BAHARIYA	360	3	35	02	1	1	As	21.9	19	52	9
	423	FARAFRA	70	10	35	03	1	4	Ci	22.3	19	30	1
	432	DAKHLA	340	11	50	00	0	0	—	20.8	23	24	1
	435	KHARGA	20	4	15	00	0	0	—	19.2	23	18	-3
Red Sea	450	SUEZ	310	3	50	02	0	0	—	21.1	18	20	-5
	459	TOR	310	13	35	02	0	0	—	18.8	18	30	0
	462	HURGHÂDA	340	20	30	03	0	3	Ci	18.6	18	52	8
	465	QUSEIR	360	13	15	02	0	0	—	18.6	20	56	11
	641	PORT SUDÂN	20	20	4	07	1	0	—	14.2	27	58	18
North Sudan	600	WÂDI HALFA			30	02	0	0	—	13.1?	30	9	-6
	640	ABU HAMAD	50	1	30	02	0	0	—		35	6	-8
	660	KAREIMA	40	12	30	02	0	0	—	11.4	33	8	-5
	680	'ATBARA	40	15	10	07	0	0	—	9.1	34	3	-17
	721	KHARTUM	20	13	30	02	0	0	—	8.8	34	9	-3
	730	KASSALA	30	6	30	02	0	0	—	6.1	35	23	11
Central Sudan	751	WÂD MEDANI											
	801	RENK	210	19	35	02	0	5	Ac	7.0	37	25	14
	802	ROSEIRES	310	2	35	02	0	0	—	3.7	39	16	9
	771	EL OBEID	70	15	30	02	2	7	Ac, Ci	8.2	33	7	-7
	760	EL FASHER	80	3	30	02	0	0	—		34	25	11
	770	GENEINA	40	8	30	02	0	0	—		36	6	-8
S. Sudan	840	MALAKÂL	90	5	30	02	2	7	Ac, Ci	6.2	37	6	-7
	880	WÂU	70	8	10	04	2	8	Ac, Cs	6.1	37	8	-3
	941	JUBA	180	6	50	02	2	7	Cb, Ac	7.3	33	38	17

At 1800 on Tuesday 24th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms
62300	SALÛM	40	13	15	03	2	7	Cu	26.3	14	48	3	0
303	SÎDI BARÂNI	10	8	30	02	1	5	Cu, Sc	25.3	14	48	3	0
306	MATRÛH	350	14	14	01	2	5	Sc, AC	24.9	13	48	2	0
309	EL DABA	360	6	7	02	1	4	Cb	24.5	14	48	3	0
	ALEXANDRIA	40	13	35	01	2	4	AC	25.1	14	55	5	0
318	FAIRAY (Airport)	50	5	14	01	1	4	Sc	24.7	13	63	6	0
330	DAMIETTA	340	5		03	2	8	Sc	23.9	14	55	5	0
333	PORT SA'ID	10	9	14	01	1	4	Cu, Sc	23.4	14	63	7	0
336	EL 'ARISH	300	8	14	20	5	4	Sc, Cu	22.3	13	55	4	0.5
339	DAMANHUR	360	9	15	02	1	2	Cu	24.3	12	77	8	0
342	MANSURA	360	5		00	1	2		23.9	13	67	7	0
348	TANTA	310	2	35	02	1	0	—	24.3	12	77	8	0
354	ZAGAZIG	00	0	35	02	0	0	—	23.6	12	77	8	0
440	ISMA'ILIA	20	9	35	01	1	4	AC	23.1	13	67	7	0
366	FAIRAY (Airport)	360	10	13	03	1	4	Sc	23.7	14	52	4	0
372	ALMAZA	30	5	12	01	1	3	Sc, Cu	23.4	13	72	8	0
	EZBEKIYA	330	3?	10	00	0	0	—	23.3	16	49	5	0
	GIZA	330	3?	10	00	0	0	—	23.9	13	59	5	0
378	HELWÂN	340	12	15	02	0	1	Sc	23.6	14	48	3	0
381	FAIYÛM	360	4	35	02	0	0	—	22.7	14	48	3	0
387	MINYA	00	0	8	01	1	0	—	22.3	12	63	5	0
393	ASYÛT MANQABÂD	00	0	8	02	0	0	—	21.3	12	51	2	0
399	NAG' HAMMÂDI	290	1		00	0	0	—	20.4	18	28	-1	0
402	QENA	270	1	7	00	0	0	—	19.6	17	26	-3	0
405	LUXOR	170	6	12	00	0	0	—	19.0	18	26	-2	0
414	ASWÂN	360	3	15	00	0	0	—	18.7	23	18	-3	0
417	SIWA	50	1	14	00	0	1	Ci	24.2	16	32	-1	0
420	BAHARIYA	360	2	15	02	0	0	—	22.8	14	67	8	0
423	FARAFRA	40	9	15	02	1	3	Ci	22.8	15	30	-3	0
432	DAKHLA	360	9	35	00	0	0	—	22.0	17	34	1	0
435	KHARGA	00	0	15	00	0	0	—	19.9	17	26	-3	0
450	SUEZ	360	3	15	03	0	2	Cu	21.8	14	36	-1	0
459	TOR	310	9	15	02	0	0	—	20.2	18	62	8	0
462	HURGHÂDA	300	23	12	02	0	0	—	20.0	17	39	3	0
465	QUSEIR	360	2	15	02	0	0	—	18.7	19	46	7	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 Wednesday 25th March, 1953

Station	Wind 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	13	15	02	1	2	Cu	28.6	+12.9	14	16	-6	11	0	48	3	0	36	
SIDI BARANI	90	9	15	02	2	7	AC	27.8		14	16		12		48	3	0	105	
MATRUH	60	8	18	03	1	5	Sc		+11.5	14	17		10		48	3	0	50	
EL DABA	90	12	15	01	1	3	Cu			14	17		11		48	3	0	88	
ALEXANDRIA	90	9	50	01	2	2	Sc		+13.3	14	17	-5	11	-2	36	-1	0	116	179
FAIRAY (Airport)	100	4	18	01	1	1	Sc	27.9	+11.6	13	17	-4	9	-3	55	4	0	115	136
DAMIETTA	40	2	7	01	1	1	Cu	28.0	+12.7	14	16	-4	10	-2	55	5	0	55	99
PORT SA'ID	60	14	14	03	0	3	Sc	28.1	+11.9	14	18	-2	13	-1	48	3	0	61	
EL 'ARISH	170	2	30	01	1	0	—	27.1	+11.6	13			7		63	6	1	44	
DAMANHUR	40	9	15	02	0	0	—	27.2	+11.6	13	17	-7	8	-2	55	4	0	Rain	92
MANSURA	40	5	15	00	1	0	—	27.5	+11.8	14	19	-5	8	-2	48	3	0	48	47
TANTA	220	8	35	02	0	0	—	27.2	+11.2	14	20	-5	5	-4	48	3	0	18	34
ZAGAZIG	00	0	35	02	0	0	—	26.7	+10.9	12	20	-5	6	-3	77	8	0	29	24
ISMA'ILIA	40	2	35	01	0	0	—	27.1		12	19		7		63	5	0	32	
FAIRAY (Airport)	70	4	12	00	0	0	—	27.0		12	19		6		59	4	0	7	
ALMAZA	60	6	15	00	0	0	—		+10.2	12	18	-6	7	-5	63	5	0	8	
EZBEKIYA	20	2?	10	00	0	0	—		+11.4	11	19	-7	8	-3	63	4	0	15	22
GIZA	20	2?	10	00	0	0	—		+11.0	12	19	-6	6	-3	63	5	0	43	21
HELWAN	40	14	15	02	0	0	—	27.2	+11.6	12	18	-7	9	-3	55	3	0	3	23
FAIYUM	360	6	35	02	0	0	—	27.0	+11.0	12	20	-6	7	-4	63	5	0	13	7
MINYA	350	5	8	03	0	1	Ci	25.7	+8.7	10	20	-6	6	-3	67	4	0	1	
ASYUT MANQABAD	270	2	8	02	0	2	Ci	25.5	+10.1	10	21	-6	6	-4	62	3	0	2	
NAG' HAMMADI	00	0		02	0	5	Ac, Ci	23.3	+8.5	12	26	-2	6	-4	63	5	0	0.1	
QENA	40	1	35	03	1	3	Ci	23.4	+9.0	15	28	-4	6	-7	39	1	0	2	
LUXOR	80	3	30	02	2	2	Ci	22.5	+7.9	16	27		9		30	-2	0	1	
ASWAN	360	6	50	01	1	1	Ci	22.4	+8.4	16	28	-4	13	-3	32	-1	0	0.1	
SIWA	30	2	14	00	0	0	—	27.1	+9.9	11	21	-5	6	-3	58	3	0	2	7
BAHARIYA	40	2	35	02	1	1	Cu	26.8	+10.4	11	20	-7	5	-5	77	7	0	tr.	7
FARAFRA											20								
DAKHLA	20	19	50	03	0	4	Ci	25.1	+9.5	14	23	-7	8	-3	48	3	0	0	
KHARGA	40	6	15	02	2	1	Ci	23.9	+8.9	13	23	-7	11	-1	44	1	0	0	
SUEZ	360	3	35	00	0	0	—	26.0	+10.3	10	21	-4	6	-7	62	3	0	42	14
TOR	270	5	35	01	0	1	Ci	23.1	+9.1	16	20	-5	12	-2	42	3	0	Rain	13
HURGHADA	280	16	30	02	0	1	Ci	22.3	+7.3	15	19	-4	11	-2	39	1	0	7	
QUSEIR	330	19	15	02	0	0	—	21.9	+8.4	17	20	-6	15	-2	52	7	0	8	4
PORT SUDAN	320	15	30	03	1	6	Sc	17.0		23	28		18		69	17	0		
WADI HALFA	360	5	30	01	0	0	—			16	31		12		36	-4	0		
ABU HAMAD	360	3	30	02	0	0	—			22	35		18		16	-5	0		
KAREIMA																			
'ATBARA																			
KHARTUM	20	14	15	05	0	0	—	14.8		23	35		13		26	2	0		
KASSALA																			
WAD MEDANI																			
RENK																			
ROSEIRES	310	2	35	02	0	0	—	11.5		26	39		18		32	8	0		
EL OBEID	40	14	30	02	0	0	—	14.1		23	34		17		10	-11	0		
EL FASHER																			
GENEINA	30	10	30	02	0	0	—			23	38		17		10	-11	0		
MALAKAL	40	10	30	03	1	6	Ci	11.1		29	38		20		8	-9	0		
WAU																			
JUBA	180	4	30	01	2	5	Ac, Ci	10.9		27	35		23		66	20	0		

HUMIDITY %

Station	Mean of day on 24th	Diff. from normal
Alexandria	48	-17
Ezbekiya	51	-8
Giza	53	-8
Helwan	52	+7

GIZA GRASS MINIMUM TEMP. ON 25th 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

Almaza On 24th At 15h AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	188	16		340	14
950					
900					
850	1540	4		320	12
800					
700	3104	-2		310	29
600					
500	5712	-14		300	59
400	7377	-23		300	62
300	9429	-37			

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 24th

Height m.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Asyut Dir.	Asyut Vel.	Aswan Dir.	Aswan Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Alex. A.P. Dir.	Alex. A.P. Vel.	Almaza Dir.	Almaza Vel.	S. Barani Dir.	S. Barani Vel.	Farafra Dir.	Farafra Vel.	P. Said Dir.	P. Said Vel.	Asyut Dir.	Asyut Vel.
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
300	350	15	310	19	290	15	320	16	340	12	340	7	20	17	330	16	310	9	30	31	40	9	10	15	10	18
600	360	12	310	19	270	20	340	15	340	19	350	8	20	24	330	16	350	8	30	43	40	5	360	15	10	19
1000	350	17	310	22	270	23	10	14	320	4	350	6	30	23	340	12	260	8	30	22	40	9	360	15	360	23
1500			320	26	270	20	340	15	300	8	350	8	10	21			280	9	20	11	40	6	340	9	340	21
2000			350	14	300	21	320	23	280	21							270	15			50	13	330	9	310	13
3000					270	33															40	19				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Almaza Airport Dir.	Almaza 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		8		8		8		6 45		8		8								8	
300	80	8	170	5	290	9	50	10	40	9	60	13	30	7	10	5							60	21
600	70	10	170	8	310	6	40	17	40	14	60	23	40	8	340	7							60	28
1000	60	6	190	6	300	10	40	12	50	14	60	12	40	11	350	13							60	17
1500	60	7					40	14	60	17	70	23	10	12	360	21							60	21
2000	80	12					20	17	70	21	40	19			320	21							30	15
3000									40	20	320	25											320	19
4000											300	32											300	33
5000																							340	30
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	70	22	40	20	40	8																		
600	80	16	50	17	30	13							40	33										
1000	90	23	60	12	20	18							50	33										
1500	30	15	20	9	10	12							40	30										
2000	20	5	70	3																				
3000	20	10											10	16										
4000	290	33																						
5000	300	39																						
6000	280	43											280	17										
7000																								
8000																								

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

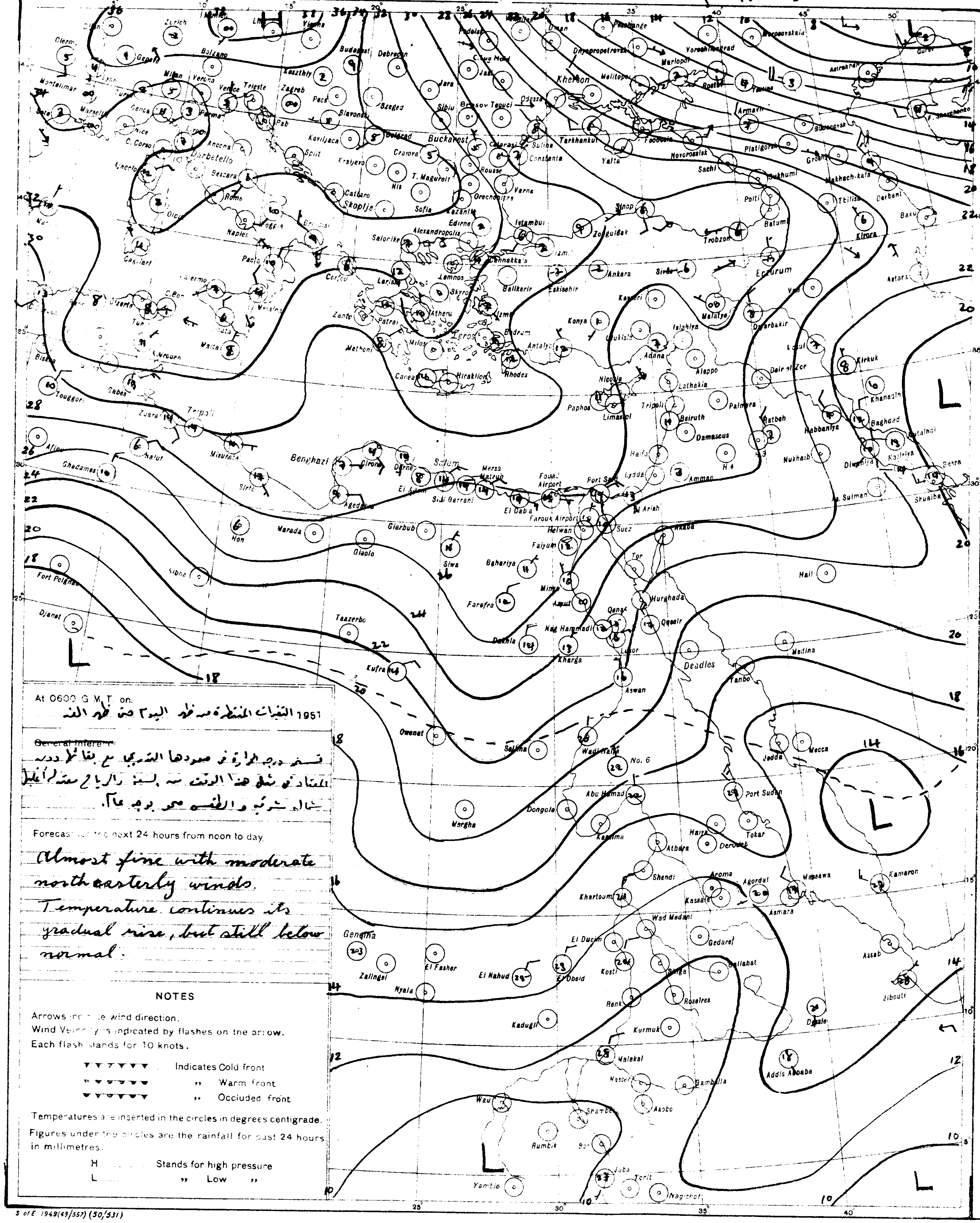
Printed by the Survey of Egypt 1949 (49.557) (50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 15

Form No 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 25/3/1953



At 0600 G.M.T. on: 1951 التغيرات المنتظرة من ظهر اليوم حتى ظهر الغد

~~General inference~~

تستمر درجة الحرارة في صعودها التدريجي مع بقائها دون

المعتاد في مثل هذا الوقت من السنة والرياح معتدلة أغلبها

شمالية شرقية والطقس صحو بوجه عام.

Forecast for the next 24 hours from noon to day.

Almost fine with moderate northeasterly winds. Temperature continues its gradual rise, but still below normal.

NOTES

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

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

Temperatures are inserted in the 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	N
Cumulus or Fractocumulus	Cu Fc
Cumulonimbus	Cb
Stratus or Fractostratus	St Fs

AMOUNT OF CLOUD

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

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

SCALE 1.15,000,000

CAIRO
Time of Sunrise 03 52 G.M.T.
" " Sunset 16 10 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 26th March, 1952 3

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 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	40	13	35	03	2	5	Cu	27.0	16	42	3	40	13	15	00	0	0	—	26.3	14	48	3	0
	303	SĪDI BARĀNI	40	8	18	02	0	2	Cu, AC	27.0	16	36	1	80	9	14	02	0	0	—	26.2	13	48	2	0
	306	MATRŪH	40	11	18	01	2	4	Cu	27.0	16	42	3	50	6	14	01	0	0	—	26.8	12	55	3	0
	309	EL DABʻA	70	11	35	01	1	1	Cu	26.8	16	32	-1	40	10	7	00	0	0	—	26.5	13	55	4	0
		ALEXANDRIA	40	22	50	03	2	4	Sc	27.2	15			40	19	35	00	0	0	—	27.1	13	55	4	0
	318	FOUAD (Airport) (Alex)	30	16	18	02	1	2	Sc	26.9	17	46	5	30	3	12	01	0	0	—	27.1	12	67	6	0
	330	DAMIETTA	20	5	15	02	1	5	Cu	27.8	16	59	8	20	5	7	01	1	4	Ns	27.5	14	67	8	0
	333	PORT SAʻĪD	80	13	30	02	0	1	Cu	27.6	16	64	9	50	14	30	02	0	0	—	27.0	14	59	6	0
	336	EL ʻARISH	30	6	30	03	0	0	—	26.0	15	39	1	30	7	14	02	0	0	—	25.9	14	52	4	0
Lower Egypt	339	DAMANHUR	40	9	15	02	1	3	Cu	27.0	17	52	7	40	9	15	02	1	1	Cu	27.3	14	67	8	0
	342	MANṢURA	40	5	35	03	2	5	Cu	26.7	16	59	8	20	5		00	1	0	—	27.0	13	67	7	0
	348	TANTA	40	8	35	01	1	2	Cu	26.?	19	37	4	00	0	35	02	1	0	—	26.6	12	77	8	0
	354	ZAGAZIG	320	3	50	02	1	2	Cu	26.5	21	41	7	00	0	35	02	1	0	—	26.6	12	77	8	0
	440	ISMAʻILIA	70	5	35	03	0	0	—	25.8	18	28	-1	20	9	35	02	0	0	—	26.6	13	44	1	0
Cairo Area	366	FAROUK (Airport) (Cairo)	70	17	30	00	0	0	—	25.4	19	23	-3	70	19	12	02	0	0	—	26.1	14	32	-3	0
	372	ALMĀZA	70	12	30	00	0	0	—	25.2	18	32	1	60	14	12	00	0	0	—	25.7	14	42	1	0
		EZBEKIYA	70	3?	18	00	0	0	—	24.6	20	28	1			10	00	0	0	—	25.9	14	45	2	0
		GĪZA	70	3?	18	00	0	0	—	25.2	20	24	-1			10	00	0	0	—	26.0	14	39	0	0
	378	HELWĀN	40	8	50	02	0	0	—	25.2	19	24	-2	20	17	15	02	0	0	—	26.0	13	38	-1	0
Upper Egypt	381	FAIYŪM	20	8	35	03	0	1	Ci	24.3	20	33	3	360	4	35	01	0	0	—	24.2	15	39	1	0
	387	MINYA	20	8	10	02	1	2	Ci	22.8	22	23	0	360	6	8	02	1	2	Ci	22.7	12	59	4	0
	393	ASYŪT MANQABĀD	350	5	30	02	0	2	Ci	21.8	22	16	-5												
	399	NAGʻ HAMMADI	220	2	7	02	0	5	Ac, Ci	19.9	25	22	2	00	0		01	0	4	AC	20.2	17	52	7	0
	402	QENA	270	1	50	02	1	5	Ci	19.4	27	20	2	270	2	7	02	1	3	Ci	19.6	18	46	6	0
	405	LUXOR	330	7	30	02	0	3	Ci	19.6	25	17	-2	00	0	12	02	1	3	Ci	19.7	17	37	2	0
	414	ASWAN	360	7	50	00	0	0	—	18.4	26	18	0	340	6	50	00	0	0	—	18.8	23	18	-3	0
Oases	417	SĪWA	70	10	14	01	0	0	—	25.2	20	30	2	60	4	10	00	0	0	—	24.4	16	34	0	0
	420	BAHARIYA	40	2	35	02	1	2	AC	23.4	19	37	4	40	1	15	02	0	0	—	24.0	15	68	9	0
	423	FARAFRA	20	6	35	02	1	5	Ci	24.2	20	17	-6	50	6	15	03	1	7	Cs	23.8	15	30	-3	0
	432	DAKHLA	360	9	35	01	2	6	Ci	21.6	23	24	1	90	4	35	01	1	3	Ci	21.2	19	30	1	0
	435	KHARGA	20	3	15	02	2	3	Ci	20.4	23	18	-3	00	0	15	00	0	0	—	20.0	18	20	-5	0
Red Sea	450	SUEZ	40	4	50	02	0	0	—	24.0	20	17	-6	360	7	15	02	0	0	—	25.0	14	36	-1	0
	459	TOR	270	9	35	01	1	1	Ci	21.2	19	46	7	270	5	15	03	0	2	Ci	21.5	18	60	10	0
	462	HURGHĀDA	350	13	30	02	1	2	Ci	21.1	18	46	6	280	10	12	02	0	0	—	21.0	15	59	7	0
	465	QUSEIR	360	19	15	02	0	0	—	20.4	20	46	8	360	9	15	02	0	0	—	20.4	19	35	3	0
	641	PORT SUDĀN																							
North Sudan	600	WĀDI HALFA																							
	640	ABU HAMAD																							
	660	KAREIMA																							
	680	ʻATBARA	20	17	4	07	0	0	—	10.0	34	4	-15												
	721	KHARTŪM	20	21	7	06	0	0	—	9.5	35	8	-5												
	730	KASSALA																							
Central Sudan	?51	WAD MEDANI	360	9	35	02	0	0	—	5.4	37	7	-5												
	801	RENK																							
	802	ROSEIRES	230	2	35	02	0	0	—	4.8	39	16	9												
	?71	EL OBEID																							
	760	EL FASHER																							
	770	GENEINA																							
S. Sudan	840	MALAKĀL	50	9	30	02	2	6	Ac, Ci	5.9	38	9	-1												
	880	WAU	110	3	10	04	1	3	Ac	5.6	37	10	0												
	941	JUBA	80	3	50	03	1	6	Cug AC	5.2	36	27	14												

At 0600 on Thursday 26th March, 1953

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	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	00	0	0	—	27.2	+11.5	12	17	-5	8	-4	55	3	0	36	
SĪDI BARĀNI	160	6	18	02	2	5	AC, Ci	26.8		11	17		7		63	4	0	105	
MATRŪH	60	8	18	03	1	7	Sc	26.2	+10.2	14	18		6		55	5	0	50	
EL DABʻA	140	9	15	02	1	4	Cb	26.3		14	17		10		55	5	0	88	
ALEXANDRIA	90	15	50	01	1	3	Ci	26.7	+11.3	14	17	-5	11	-1	55	5	0	116	179
FOUAD (Airport) (Alex)	70	3	18	02	0	2	Ci	26.8	+10.5	10	18	-3	7	-5	82	7	0	115	130
DAMIETTA	40	5	15	00	0	0	—	26.7	+11.4	14	17	-4	11	-1	55	5	0	55	100
PORT SAʻĪD	70	16	30	02	0	1	Ci	26.6	+10.4	14	17	-3	13	-1	59	6	0	61	
EL ʻARISH	90	2	30	03	1		Ci	26.1	+10.7	13	16		7		55	4	0	40	
DAMANHŪR	130	9	15	02	0	0	—	26.7	+11.1	13	18	-6	9	-2	67	7	0	Rain	92
MANṢŪRA	360	5	15	00	0	0	—	25.9	+10.3	14	19	-5	9	-1	55	5	0	48	47
TANTA	220	5	35	01	1	2	Ci	26.2	+10.3	13	20	-5	5	-4	67	7	0	18	34
ZAGĀZIG	40	1	35	02	0	0	—	25.6	+10.0	12	22	-3	6	-4	63	5	0	29	24
ISMAʻILĪA	90	2	35	03	1	4	Ac, Ci	25.9		13	19		6		67	7	0	32	
FAROUK (Airport) (Cairo)	70	10	18	03	0	4	Ci	24.9		12	20		6		59	4	0	7	
ALMĀZA	60	14	18	03	1	4	Ci	25.3	+8.8	12	19	-5	7	-5	72	7	0	8	
EZBEKĪYA			10	03	0	3	Ci	25.0	+9.3	12	20	-6	7	-4	67	6	0	15	22
GĪZA			10	03	0	3	Ci	25.2	+7.1	13	21	-5	4	-5	59	5	0	43	21
HELWĀN	40	22	15	02	1	5	Ci	24.8	+9.2	13	20	-5	10	-2	67	7	0	3	24
FAIYŪM	360	8	35	03	1	6	AC	24.8	+8.9	13	21	-6	8	-3	67	7	0	13	7
MINYA	350	8	8	02	1	3	AC	24.1	+7.1	10	23	-3	5	-4	62	3	0	1	
ASYŪT MANQABĀD	290	4	14	02	1	2	Ci	23.9	+8.6	10			5	-5	44	-2	0	2	
NAGʻ HAMMĀDI	00	0		01	0	3	AS	22.2	+7.5	12	26	-2	6	-4		3	0	0.1	
QENA	270	1	35	00	0	0	—	21.9	+7.6	16	27	-5	9	-4	49	5	0	2	
LUXOR	10	6	18	03	0	1	Ci	21.6	+7.1	15	26		8			0	0	1	
ASWĀN	20	3	50	00	0	0	—	20.8	+6.8	16	27	-5	11	-5	32	-1	0	0.1	
SĪWA	90	10	14	03	1	5	AS, CS	25.2	+8.1	12	21	-5	10	1	67	6	0	2	7
BAHARĪYA	40	3	35	02	2	8	AC	25.1	+8.7	11	20	-7	7	-3	88	9	0	dr.	7
FARAFRA	20	6	35	03	1	5	CS				21		6			-4	0	0	
DAKHLA	180	11	50	00	0	0	—	22.6	+7.1	12	24	-6	8	-3	44	0	0	0	
KHARGA	360	2	15	00	0	0	—	22.3	+7.3	13	24	-6	6	-7	24	-7	0	0	
SUEZ	360	2	35	00	0	0	—	25.0	+9.4	14	20	-5	4	-9	55	5	0	42	14
TOR	40	5	35	03	1	3	Ci	22.2	+8.3	15	20	-5	8	-6	48	4?	0	Rain	13
HURGHADA	280	12	30	02	0	1	Cs	21.6	+6.6	15	19	-4	10	-3	36	0?	0	7	
QUSEIR	360	9	15	02	0	0	—	21.1	+7.6	18	20	-6	14	-4	52	8	0	8	4
PORT SŪDĀN	320	16	30	02	0	1	Cu	15.9		21	28		17		69	15	0		
WĀDI HALFA	10	12	30	02	0	0	—	18.7		15	30		10		21	-7	0		
ABU HAMAD	360	2	30	02	0	0	—			21	34		15		21	-2	0		
KAREIMA	40	9	30	02	0	0	—	15.7		20	34		17		41	6	0		
ʻATBARA	10	13	30	02	0	0	—	13.3		21	35		17		28	2	0		
KHARTŪM	20	13	30	01	0	0	—	12.4		23	36		17		16	-4	0		
KASSALA			30	02	0	0	—	10.3		25	36		19		47	13	0		
WĀD MEDANI																			
RENK																			
ROSEIRES	310	2	35	02	0	0	—	10.2		27	40		20		30	8	0		
EL OBEID	30	20	30	02	0	0	—	11.7		25			19		10	-9	0		
EL FĀSHER	70	14	30	01	0	0	—			23	34		17		27	3	0		
GENEINA	40	11	15	05	0	0	—			20	37		15		8	-16	0		
MALAKĀL	10	14	10	05	0	0	—	9.5		28	39		23		14	-2	0		
WĀU																			
JUBA	90	6	5	91	9	8	St, AC	13.6		21	38		20		94	20	15		

Humidity % Mean of day

Station	on 25th	Diff. from normal
Alexandria	46	-19
Ezbakiya	49	-10
Giza	46	-15
Helwan	40	-5

GIZA
Grass minimum temp. on 26th 1.4 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

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

Remarks

RAWINSONDE

Cairo Airport — On 25th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	214	18		50	23
950					
900					
850	1577	6		50	11
800					
700	3155	2		310	11
600					
500	5813	-10		290	59
400	7475	-22		290	73
300	9547	-38		300	78

Airport — On At

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

Airport — On At

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

UPPER WIND OBSERVATIONS on 25th

Station	Alex A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		Hurghada		S. Barani		Farafra	
Time	14		14		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	40	13	60	24	10	21	60	19	340	13	320	16	350	10	340	7	20	14	360	15	360	15	70	14	30	10
600	50	10	50	24	30	21	50	16	360	13	350	14	340	10	350	11	10	14	360	11	340	10	70	7	30	7
1000	60	12	40	27	70	9	60	10	40	14	360	20	330	3	10	11			10	11	320	9			30	10
1500	40	5	80	18	110	11			50	10	10	17	360	13	40	16			10	16	320	5			30	11
2000	20	4	70	13	100	14					350	18	350	15	340	19					320	23			20	13
3000	320	10			110	12					310	23	280	11							300	23				
4000					310	8																				
5000					310	28																				
6000					240	64																				
7000					290	76																				
8000																										

UPPER WIND OBSERVATIONS on 26th

Station	Sīdi Barāni		Matrūh		Fouad Airport (Alex)		Port Saʻīd		El ʻArīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada		Almaza	
Time	8		8				8		4		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	80	9	80	5			60	17	70	17	60	37	40	5	320	2							50	26
600	110	10	80	9			60	25	30	15	60	15	30	3	50	5							60	30
1000	110	10	100	11			50	18	30	10	40	19	20	3	70	11							70	22
1500	100	5	90	10			70	10	70	6	350	19	30	3	360	14								
2000	320	4					50	21	360	20	340	20			350	21								
3000	250	18					20	13							330	26								
4000															320	37								
5000																								
6000																								
7000																								
8000																								

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time			8		8		9		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			80	20	310	3	20	19	20	12														
600			80	17	40	10	50	20	50	16	30	29			20	20								
1000			70	6	50	11	50	16	40	14	30	23			30	28			30					
1500					30	17	20	18	30	31	40	15			40	15			40	26				
2000					360	18			20	20														
3000									360	25	10	19												
4000																								
5000									290	31	310	21												
6000									290	36	290	18												
7000																								
8000											260	31												

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

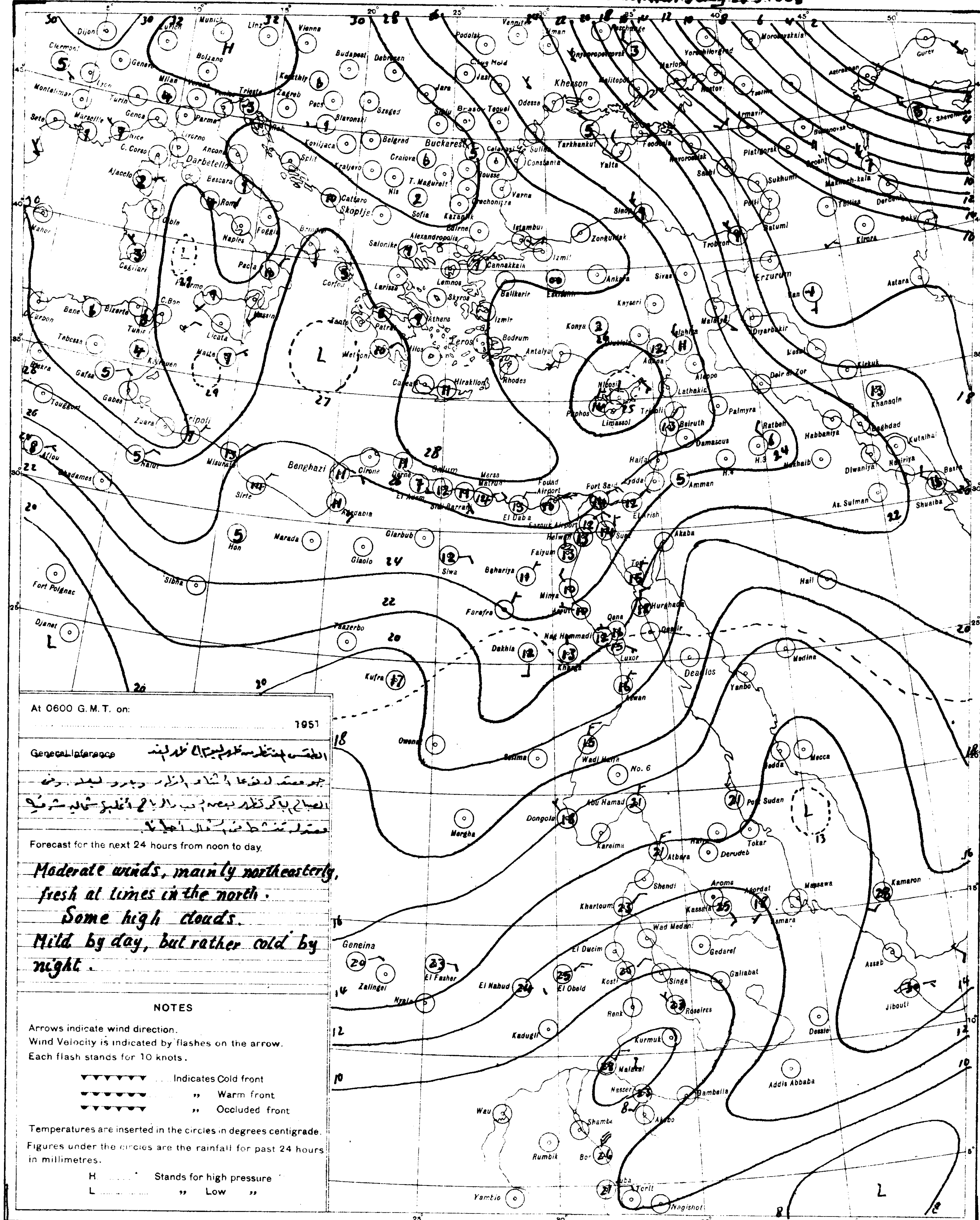
Printed by the Survey of Egypt 1949 (49.557) (50/53?)

Note: All times are G.M.T.

Annual Subscription P.T. 50

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 26-3-1953



At 0600 G.M.T. on: 1951

General Inference [illegible]

[illegible]

الصباح [illegible] الرياح أغلبها شمالية شرقية

معتدل تنشط [illegible] أحيانا.

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly northeasterly, fresh at times in the north.
Some high clouds.
Mild by day, but rather cold by night.

NOTES

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

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

Temperatures are inserted in the 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 (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 51 G. M. T.
" " Sunset 16 10 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date : Friday 27th March 1952 3

Area	Index Number	Station	At 1200 on Thursday 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.	Temperature °C.	Humidity %	Dew point °C.	At 1800 on Thursday 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.	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
MEDITERRANEAN	62300	SALÛM	40	13	35	00	0	0	—	23.3	16	49	5	20	19	15	03	2	6	Ci	21.1	15	59	7	0
	303	SÎDI BARÂNI	60	16	18	02	2	6	Ci	24.0	16	52	6	90	14	14	02	2	5	Ci	21.5	14	63	7	0
	306	MATRÛH	60	13	18	03	1	5	Ci	23.9	17	46	5	80	8	4	02	1	3	CS	22.5	13	72	8	0
	309	EL DABʿA	20	13	35	01	1	2	Cu	23.6	16	49	5	70	16	7	01	1	3	Cu	23.1	14	67	8	0
		ALEXANDRIA	50	19	50	03	2	4	Ci	24.7	16	49	5	40	16	35	00	0	0	—	23.9	14	67	8	0
	318	~~FAROUK~~ Alex (Airport)	20	13	18	03	1	5	Ci	24.6	18	49	7	40	4	14	03	1	7	CS	23.8	13	72	8	0
	330	DAMIETTA	40	5	35	03	0	2	AC, Ci	25.2	17	52	7	20	5	7	03	1	6	AC	24.3	14	67	8	0
	333	PORT SAʿÎD	60	16	30	02	0	2	Ci	25.2	16	59	8	80	17	14	03	1	5	Ci	23.8	15	68	9	0
	336	EL ʿARÎSH	50	6	30	01	1	1	Ci	24.3	17	52	7												
LOWER EGYPT	339	DAMANHÛR	130	9	15	02	1	1	Ci	24.3	20	41	6	130	5	15	02	1	1	Ci	24.3	14	67	8	0
	342	MANṢÛRA	90	5	35	00	0	0	•	25.2	20	41	6	40	5		03	2	6	AC	24.0	13	67	7	0
	348	ṬANṬA	40	8	35	01	1	1	Ci	24.3	20	41	6	40	2	35	01	1	4	Cu	24.2	13	77	9	0
	354	ZAGAZIG	00	0	50	02	1	3	Ci	24.7	21	41	7	00	0	35	02	1	0	—	23.5	13	77	9	0
	440	ISMAʿÎLÎA	20	5	35	03	1	4	—	23.6	20	33	3	20	9	35	03	1	6	AS	22.7	13	55	4	0
CAIRO AREA	366	~~FAROUK~~ Cairo (Airport)	70	21	18	02	2	5	Ci	23.0	21	21	2	70	13	12	01	2	5	CS	22.6	15	48	4	0
	372	ALMÂZA	50	13	30	03	1	5	Ci	23.4	20	33	3	60	20	12	01	2	5	Ci	21.8	15	59	7	0
		EZBEKIYA			18	03	1	5	CS	22.6	22	29	3			10	00	1	5	Ci	22.0	17	39	3	0
		GÎZA			18	03	1	5	CS	23.0	22	27	2			10	00	1	5	Ci	22.3	16	52	6	0
	378	HELWÂN	40	11	35	03	2	8	Cs	23.0	22	21	-1	20	9	15	01	1	4	Ci	21.0	15	48	4	0
UPPER EGYPT	381	FAIYÛM	360	4	35	02	2	7	AS	21.9	22	21	-1	00	0	35	02	2	7	AS	19.4	17	34	1	0
	387	MINYA	340	11	10	02	1	5	Ci	20.3	25	24	3	340	5	10	02	1	2	Ci	19.4	14	52	4	0
	393	ASYÛT MANQABÂD	320	4	30	01	1	1	Ci	19.6	24	16	-4	290	5	12	01	0	1	Ci	18.7	18	40	4	0
	399	NAGʿ HAMMÂDI	00	0	7	01	1	4	AC	18.4	27	20	2	00	0		01	1	2	Ci	17.9	18	52	8	0
	402	QENA	270	1	50	03	[illegible]	3	Ci	17.9	28	12	-4	00	0	7	02	1	2	Ci	16.9	18	37	3	0
	405	LUXOR	310	9	30	03	1	3	Ci	17.8	27	13	-4												
	414	ASWAN	20	7	50	01	1	3	Ci	16.3	29	9	-7	340	5	50	03	2	6	AC	16.2	25	11	-8	0
OASES	417	SÎWA	90	11	5	06	1	7	AC, CS	22.3	22	27	2												
	420	BAHARÎYA	40	3	35	02	2	5	AC	21.2	23	38	8	40	2	15	02	2	4	AC	20.7	18	60	10	0
	423	FARAFRA	40	10	35	02	1	5	CS	21.0	23	12	-8	40	3	15	02	1	6	CS	19.8	18	12	-12	0
	432	DAKHLA	80	4	50	01	1	3	Ci	18.8	27	15	-2	50	11	15	01	2	6	Ci	17.9	23	18	-3	0
	435	KHARGA	40	0	15	02	2	4	Ci	17.8	27	15	-2	00	0	15	00	1	0	—	17.1	20	24	-1	0
RED SEA	450	SUEZ	40	6	50	03	0	5	Cu	21.9	22	69	16	40	8	15	01	0	3	Cu	21.0	14	55	5	0
	459	TÔR	310	9	35	03	1	3	Ci	21.2	20	46	8			15	03	1	3	Ci	20.2	18	60	10	0
	462	HURGHÂDA	30	6	30	02	0	3	Cs	19.9	21	41	7	280	11	12	02	0	0	—	19.8	17	49	6	0
	465	QUSEIR	360	13	15	03	1	3	Ci	19.0	21	[illegible]	14	330	5	15	01	1	0	—	19.1	19	52	9	0
	641	PORT SÛDÂN	360	18	4	07	1	0	—	15.4	27	45	14												
NORTH SÛDÂN	600	WÂDI HALFA	30	13	30	03	0	1	Ci	14.2	30	12	-2												
	640	ABU HAMAD	360	2	30	01	0	0	—		34	7	-6												
	660	KAREIMA																							
	680	ʿATBARA	30	15	7	07	0	0	—	7.4	35	4	-13												
	721	KHARTÛM	40	14	30	02	●	0	—	6.8	35	7	-6												
	730	KASSALA																							
CENTRAL SÛDÂN	751	WAD MEDANI	360	5	35	02	0	0	—	5.5	36	9	-2												
	801	RENK																							
	802	ROSEIRES	50	2	35	02	0	0	—	2.3	40	17	11												
	771	EL OBEID	50	11	10	05	0	0	—	6.8	33	7	-5												
	760	EL FÂSHER	80	12	15	02	0	0	—		33	23	9												
	770	GENEINA	70	12	15	05	0	0	—		35	5	-11												
S. SÛDÂN	840	MALAKÂL	30	4	10	05	0	1	Ci	4.0	39	14	7												
	880	WÂU	90	4	10	04	1	3	AC	4.2	39	7	-3												
	941	JUBA	270	4	50	01	2	4	Ci, AC				17												

At 0600 on Friday 27th March, 1953

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st	Station
250	13	15	03	2	8	As	19.4	+3.8	14	17	-6	11	-1	67	8	0	36		SALUM
110	10	15	02	6	8	AC	20.4		13	17		13?		77	9	dr.	105		SÎDI BARÂNI
130	6	18	02	6	8	Ac	20.7		13	17		11		82	10	0.6	51		MATRÛH
90	10	15	03	2	7	St	21.2		14	17		11		67	8	0	88		EL DABʿA
110	10	50	03	1	8	AS	21.5	+6.1	13	17	-5	11	-3	77	9	0	116	180	ALEXANDRIA
100	9	18	02	2	8	AC, CS	21.5	+5.2	14	19	-2	10	-2	72	9	0	115	137	~~FAROUK~~ Alex (Airport)
110	5	7	02	1	7	AC	22.3	+7.1	16	17	-4	12	0	68	10	0	55	100	DAMIETTA
100	10	12	01	1	1	Ci	21.7	+5.5	16	16	-4	14	0	72	11	0	61		PORT SAʿÎD
160	2	30	03	1	5	Ci	21.7	+6.4	14			7		63	7	0	40		EL ʿARÎSH
130	19	15	02	1	3	AC	21.6	+6.1	15	21	-3	9	-2	52	5	0	Rain	92	DAMANHÛR
90	5	15	03	2	8	AS	21.5	+5.9	14	20	-5	9	-1	77	10	0	48	47	MANṢÛRA
90	13	35	03	2	6	As	21.2	+5.4	15	21	-4	7	-2	68	9	0	18	34	ṬANṬA
00	0	35	02	0	0	—	20.8	+5.0	13	22	-4	8	-2	77	9	0	29	24	ZAGAZIG
20	5	35	03	2	7	AS	20.7		16	21		9		49	5	0	32		ISMAʿÎLÎA
70	12	14	03	2	6	Cs	20.3		12	22		9		63	5	0	7		~~FAROUK~~ Cairo (Airport)
60	7	18	03	2	7	CS	20.0	+3.6	13	22	-2	10	-2	63	6	0	8		ALMÂZA
40	2	10	00	0	6	CS	20.1	+4.5	14	22	-4	10	-1	59	6	0	15	22	EZBEKIYA
40	2	10	00	0	6	CS	19.5	+3.5	15	22	-4	9	0	55	6	0	43	21	GÎZA
40	4	7	03	1	6	Cs	19.9	+4.4	15	22	-3	10	-2	39	1	0	3	24	HELWÂN
360	6	35	02	2	7	AS	19.6	+3.7	14	23	-4	8	-3	55	5	0	13	7	FAIYÛM
360	5	10	02	1	3	Ci	19.5	+2.6	12	25	-2	6	-3	51	2	0	1		MINYA
00	0	10	01	1	1	Ci	19.4	+4.1	14	26	-1	9	-1			0	2		ASYÛT MANQABÂD
00	0		01	1	5	AC, Ci	18.6	+4.0	16	30	+2	9	-1	49	5	0	0.1		NAGʿ HAMMÂDI
270	2	35	03	1	2	Ci	18.8	+4.5	21	29	-4	11	-2	20	-3	0	2		QENA
00	0	30	02	2	5	Ci	18.7	+4.3	18			10		37	3	0	1		LUXOR
20	3	50	03	2	6	AC	18.4	+4.5	19	30	-3	14	-2	46	7	0	0.1		ASWÂN
90	14	12	50	2	8	NS, AC	19.5	+2.5	15			14	+5	63	8	dr.	2	7	SÎWA
00	0	35	02	2	8	CS	19.6	+3.3	14	24	-3	11	+1	77	10	0	dr.	7	BAHARÎYA
00	0	35	03	1	7	CS	18.8		10	25		10		28	-8	0	0		FARAFRA
340	9	35	01	2	8	Ci	18.2	+2.8	14	28	-2	11	-1	48	3	0	0		DAKHLA
00	0	15	02	2	2	Ci	18.0	+3.1	18	27	-3	12	-1	20	-5	0	0		KHARGA
00	0	35	00	0	4	Cu	20.6	+5.0	15	24	-1	5	-8	48	4	0	44	14	SUEZ
360	5	35	01	1	3	Ci	20.2	+6.4	16	20	-5	8	-6	42	3	0	Rain	13	TÔR
290	7	30	03	1	4	Cs	20.3	+5.4	17	22	-1	10	-3	28	-2	0	7		HURGHADA
330	5	15	03	1	0	—	19.2	+5.8	19	21	-5	15	-3	46	7	0	8	4	QUSEIR
320	14	30	02	0	1	AC	14.8		24	28		17		47	12	0			PORT SÛDÂN
360	6	30	03	0	2	Ac, Ci	15.7		18	31		12		26	-2	0			WÂDI HALFA
50	2	30	01	1	0	—			22	35		15		20	-2	0			ABU HAMAD
60	7	30	02	0	0	—	12.3		23	25		19		22	0	0			KAREIMA
340	4	10	07	0	0	—	14.6		22	37		17		17	-4	0			ʿATBARA
																			KHARTÛM
20	4	30	02	0	0	—	7.8		26	37		17		51	15	0			KASSALA
																			WAD MEDANI
																			RENK
																			ROSEIRES
																			EL OBEID
																			EL FÂSHER
																			GENEINA
																			MALAKÂL
																			WÂU
180	7	30	03	1	5	Cu, AC	9.0		27	34		22		66	20	4			JUBA

HUMIDITY % Mean of day

STATION	on 26th	Diff. from normal
Alexandria	58	-7
Ezbekiya	47	-11
Giza	52	-9
Helwan	50	+6

GÎZA
GRASS MINIMUM TEMP.
on 27th 6.8 °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

~~Cairo~~ Cairo AIRPORT — On 26th At 15½ | 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	Matruh		Port Said		Almaza		Minya		Asyut		Aswan		Dakhla		Hurghada		Kharga		S. Barani		Farafra		Asyut		Port Said	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	14	50	16	100	23	350	16	290	10	360	12	50	16	20	5	20	14	80	21	70	11	350	10	50	10
600	100	11	50	17	120	8	10	16	350	8	350	13	50	14	350	12	30	13	100	24	30	3	10	13	60	9
1000	110	21	40	16	100	17	50	12	30	12	360	10	50	20	320	12	30	10	130	21	80	6	350	8	100	10
1500	100	12	50	9	90	17	30	11	40	16	20	10	70	12	330	13	30	23	120	20	40	10	140	7	120	14
2000	120	7	70	9			40	10	20	27			50	25	360	13			120	14	60	11	20	10		
3000	280	7					310	16							350	33										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	SÎDI BARÂNI		MATRÛH		~~FAROUK~~ Alex AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		8	15	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	120	27	140	27	100	10	80	27					100	11	130	5					180	4	70	11
600	130	21	130	20	110	10	80	22					110	11	130	13					350	10	100	12
1000	140	17	200	10	330	5	80	23					120	13	80	8					310	9	50	5
1500	190	8	260	15			100	15					170	6	40	5					230	16	10	5
2000	190	33	210	16			180	9					110	14	40	6					220	16	230	4
3000	210	33											100	20	360	16					240	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		8		8		4		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	110	22	60	10	160	6	50	3	50	10														
600	130	18	60	21	150	10	100	9	70	18	30	26	60	28	50	24								
1000	200	10	80	13	120	12	90	10	60	19	80	27	60	38	50	23			50	33	40	17		
1500	270	22	240	3	150	12	50	12	50	22	40	21	50	29	50	19			60	19	90	14		
2000	240	16					30	10					50	15	40	14			100	7				
3000	230	27					10	22			10	14	80	3					240	3	140	5		
4000	250	41									310	7	350	2					110	24				
5000																			180	5	110	20		
6000													200	14					310	6	80	3		
7000																								
8000													240	17										

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

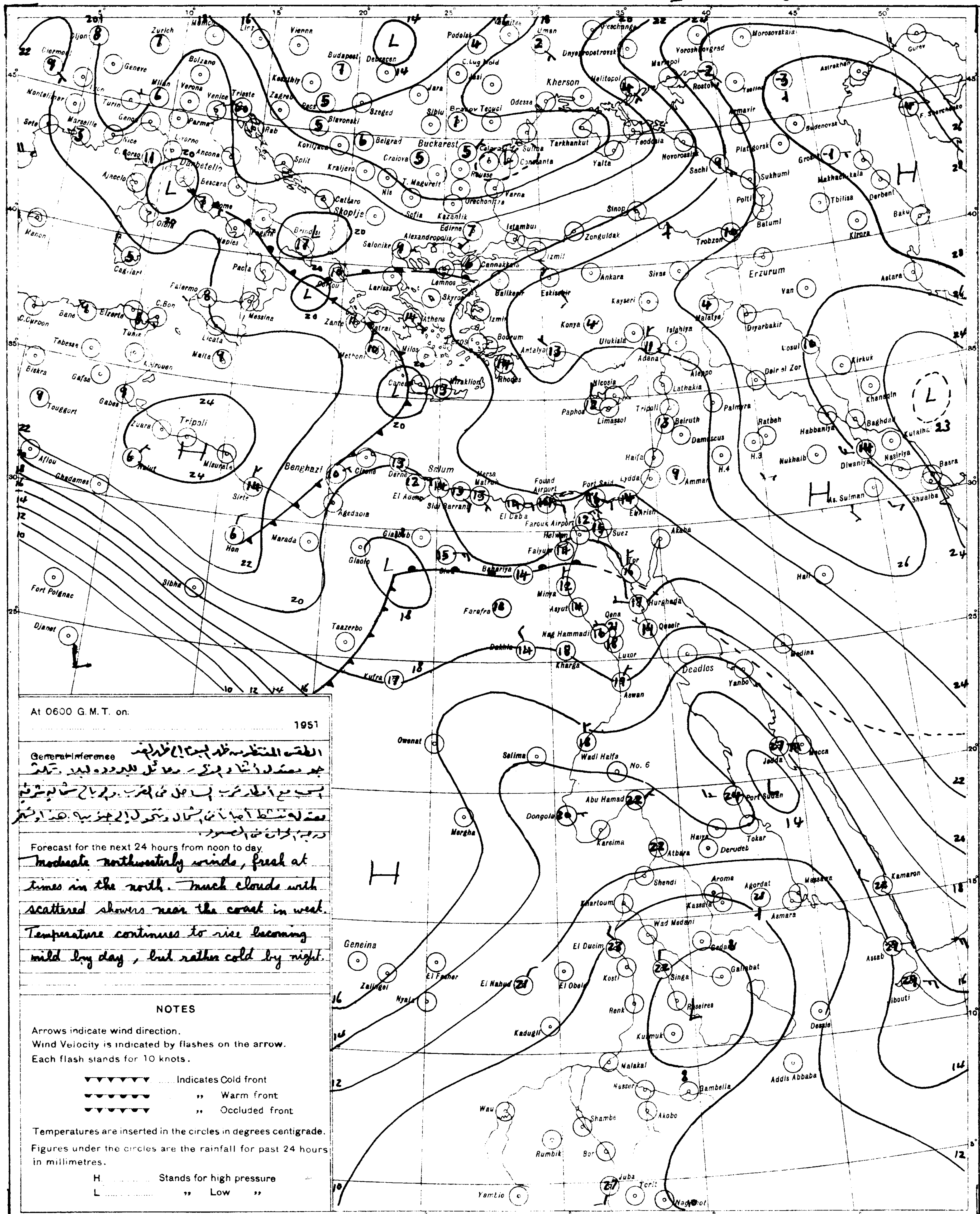
Printed by the Survey of Egypt 1949 (49-55[illegible]) (50/53?)

Note: All times are G.M.T.

Annual Subscription P.T. [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 27-3- 1953*



At 0600 G.M.T. on 1951

General Inference

الطقس المنتظر ظهر الجمعة إلى ظهر الغد
جو معتدل شمالي غربي - مع ميل للبرودة ليلاً. سحب
كثيرة مع أمطار قرب الساحل في الغرب. رياح شمالية غربية
معتدلة تنشط أحياناً في الشمال وتتحول إلى جنوبية. هذا وتستمر
درجة الحرارة في الصعود.

Forecast for the next 24 hours from noon to day.

Moderate northwesterly winds, fresh at times in the north. Much clouds with scattered showers near the coast in west. Temperature continues to rise becoming mild by day, but rather cold by night.

NOTES

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

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

Temperatures are inserted in the 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 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 50 G. M. T.
" " Sunset 16 11 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 28th March, 1953

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 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.	1800 Rain Past 12 hrs mms
Mediterranean	62300	SALÛM	220	5		50	8	8	As	16.6	16	59	8	340	5	35	80	8	8	As,Ci	16.4	16	59	8	dr.
	303	SÎDI BARÂNI	140	6	15	01	2	8	AC	16.8	18	52	8	140	12	14	61	8	8	AS	17.3	16	82	13	1
	306	MATRÛH	90	8	15	02	2	8	AC	17.5	19	56	10	100	3	14	25	8	8	St,Ac	17.4	15	88	13	dr.
	309	EL DAB'A	70	9	35	03	2	8	St	17.8	17	60	9	40	10	7	93	2	7	St	17.7	16	77	12	0
		ALEXANDRIA	40	16	50	02	5	8	As	18.6	17			40	13	35	22	2	8	AS	18.6	15	88	13	dr.
	318	Alex. FOUAD (Airport)	110	5	18	02	6	8	AC	18.5	21	44	8	00	0	12	02	2	7	AS	18.2	16	82	13	dr.
	330	DAMIETTA	40	5	7	02	1	7	AC	19.2	18	73	13	70	5		03	2	8	AS	18.8	16	88	14	0
	333	PORT SA'ÎD	80	12	30	02	0	4	Ci	19.0	17	83	14	70	5	12	02	2		as	19.2	16	88	14	0
	336	EL 'ARISH																							
Lower Egypt	339	DAMANHUR	130	13	15	02	1	3	AC	18.8	18	46	6	130	9	15	02	1	6	AC	18.6	15	68	9	0
	342	MANSURA	40	5	15	03	2	8		19.1	22	44	9	40	5		03	2	8	AS	18.8	16	77	12	0
	348	TANTA	40	8	35	01	2	4	Sc,Cu	17.9	23	44	10	90	2	35	03	2	6	Sc,Cu	18.2	18	83	15	0
	354	ZAGAZIG	00	0	50	02	0	0	—	17.9	26	37	10	00	0	35	02	0	0	—	19.2	18	83	15	0
	440	ISMA'ILIA	200	2	35	03	2	7	Ci	17.5	28	16	0	20	2	35	03	2	8	AS	19.7	19	46	7	0
Cairo Area	366	Cairo FAROUK (Airport)	20	8	30	02	2	6	CS	18.4	25	15	-4	00	0	12	80	8	8	AC	18.2	22	53	12	dr
	372	ALMAZA	20	10	30	03	2	7	Cs	17.2	24	30	5	120	11	12	80	8	8	AC	18.1	22	44	9	dr
		EZBEKIYA	320	3	18	03	0	8	CS	17.2	26	30	7	00	0	10	01	5	5	SC	18.3	24	36	8	dr
		GÎZA	320	3	18	03	0	8	CS	17.8	25	30	6	00	0	10	01	5	5	SC	18.2	20	56	11	dr.
	378	HELWÂN	320	8	7	03	2	8	CS	17.8	26	13	-5	20	13	7	02	2	6	AS	18.3	23	18	-3	0
Upper Egypt	381	FAIYÛM	360	4	35	02	2	3	AS	17.8	24	32	6	00	0	35	02	2	8	AS	17.4	20	56	11	0
	387	MINYA	310	5	12	03	1	4	Ci	16.7	30	13	-1	360	4	8	01	1	4	AC	17.1	17	52	7	0
	393	ASYÛT MANQABÂD	110	1	15	03	1	6	CS	15.6	32?	10	-4	00	0	8	03	2	7	CS				3	0
	399	NAG' HAMMÂDI	00	0	7	01	1	3	AC	14.8	31?	31	12	00	0		01	1	5	Sc,AC	16.2	18	60	10	0
	402	QENA	160	1	50	02	1	2	Ci	15.4	32	15	2	00	0	7	02	1	3	Ci	16.8	22	36	6	0
	405	LUXOR	160	9	14	01	2	5	Ac,Cs	14.8	33			60	9	12	03	2	5	CS	15.2	26	7	-12	0
	414	ASWÂN	20	10	15	03	2	6	AC	13.0	32	10	-3	360	6	50	03	1	4	Ac,Cs	14.8	27	15	-2	0
Oases	417	SÎWA	130	9	12	01	2	8	Ns,Ac	18.1	23	29	4												
	420	BAHARÎYA	00	0	35	02	2	8	AC	17.9	28	12	-4	00	0	15	02	2	4	AC	17.2	21	26	1	0
	423	FARAFRA	00	0	35	02	1	7	CS	17.2	28	7	-11	00	0	15	02	1	6	Ci	16.6	22	16	-5	0
	432	DAKHLA	160	9	35	01	1	3	Ci	15.7	31	15	1	340	4	35	00	0	0	—	15.9	26	11	-7	0
	435	KHARGA	00	0	35	02	2	3	AC	15.4	32	10	-3	00	0	15	02	2	5	AC	15.6	26	18	0	0
Red Sea	450	SUEZ	00	0	50	03	0	2	Cu	17.8	24?	22	1?	00	0	15	03	0	8	Cu	18.3	20	41	6	0
	459	TÔR	180	5	35	03	1	3	Ci	17.1	21	65	14	40	2	15	03	1	4	Ci	18.6	20	56	11	0
	462	HURGHÂDA	80	6	30	03	2	5	CS	17.2	24	41	10	230	4	12	02	2	5	Ci	18.6	18	19	-6	0
	465	QUSEIR	20	9	15	01	1	5	Ci	17.5	23	61	15	20	2	15	03	1	6	Ci	18.0	21	65	14	0
	641	PORT SÛDÂN	20	20	7	07	0	0	—	12.5	28	55	18												
North Sûdân	600	WÂDI HALFA	20	7	30	01	0	4	Ac,Ci	10.6	33	7	-7												
	640	ABU HAMAD	90	4	30	02	0	0	—		37	12	3												
	660	KAREIMA	40	12	30	02	0	0	—	7.4	35	10	-1												
	680	'ATBARA	50	5	30	02	0	0	—	5.5	37	9	-1												
	721	KHARTÛM	20	4	30	02	0	0	—	5.7	35	11	0												
	730	KASSALA	30	4	30	02	0	0	—	1.8	40	19	12												
Central Sûdân	751	WÂD MEDANI	360	5	35	02	0	0	—	3.6	38	11	3												
	801	RENK																							
	802	ROSEIRES	310	2	35	02	0	0	—	2.5	41	22	15												
	771	EL OBEID	30	8	30	02	0	0	—	4.9	35	9	-3												
	760	EL FÂSHER	90	1	30	02	1	0	—		34	25	11												
	770	GENEINA	70	6	30	02	0	0	—		35	3	-15												
S. Sûdân	840	MALAKÂL	270	2	30	02	0	1	AC	2.6	39	14	7												
	880	WÂU	110	5	10	04	1	3	AC	2.7	39	9	7												
	941	JUBA	130	4	50	02	1	5	Cu,Ci	5.0	37	33	18												

At 0600 on Saturday 28th March, 1953

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
20	13	15	03	2	7	Cu	19.0	+3.5	15	17	-6	13	+1	77	11	1	37		SALUM
10	6	15	02	6	5	AC	19.1		16	18		14		88	14	2	107		SÎDI BARÂNI
70	4	18	03	1	5	AC	18.9	+2.0	16	19		13		88	14	0.3	51		MATRÛH
340	10	15	02	1	5	cb	19.0		17	19		12		77	13	0	88		EL DAB'A
360	11	50	03	2	6	AC	19.5	+4.2	16	17	-5	12	-2	77	12	dr.	116	180	ALEXANDRIA
00	0	10	04	8	7	AC	19.4	+3.1	17	23	+2	14	+2	72	12	0.4	115	137	Alex. FOUAD (Airport)
40	5	7	01	0	1	AC	17.9	+2.7	17	19	-2	13	+1	77	13	0	55	100	DAMIETTA
100	12	14	01	1	5	Ac,Ci	17.3	+1.2	16	18	-2	15	+1	88	14	0	61		PORT SA'ÎD
10	2	18	03	2	7	Ac,Ci	17.4	+2.2	19			13		47	8	0	40		EL 'ARISH
360	5	15	02	1	3	AC	19.0	+3.6	16	19	-5	13	+2	68	10	0	Rain	93	DAMANHÛR
70	5	35	03	2	5	AC	17.9	+2.4	19	23	-2	13	+2	64	12	0	48	47	MANSÛRA
130	5	35	03	2	5	Cu	18.4	+2.6	17	23	-3	12	+2	60	9	0	18	34	TANTA
40	2	35	02	0	0	—	17.6	+2.1	16	26	0	12	+2	77	12	0	29	24	ZAGAZIG
70	5	35	01	1	5	AC	17.4		19	29		13		64	12	0	32		ISMAÎLIA
110	18	14	01	2	3	As	17.3		17	26		13		52	7	dr.	7		Cairo FAROUK (Airport)
60	11	12	01	2	2	Ac,Ci	17.2	+0.8	16	26	+2	13	+1	72	11	dr	8		ALMÂZA
320	3	10	02	1	3	AC	16.9	+1.3	17	26	0	13	+1	60	9	dr	15	22	EZBEKÎYA
320	3	10	02	1	3	AC	16.8	+1.2	18	26	0	12	+3	56	9	dr.	43	21	GÎZA
00	0	7	01	1	3	AC	17.0	+1.5	21	20	0	14	+2	26	1	dr.	3	24	HELWÂN
00	0	35	02	2	7	Ci	17.1	+1.3	18	26	-1	13	+2	73	13	0	13	7	FAIYÛM
340	2	8	02	1	3	Ci	16.8	-0.1	20	30	+3	11	+2	41	6	0	1		MINYA
370	3	10	01	1	5	Ac,Ci	17.1	+1.9	19	32	+5	16	+5	43	6	0	2		ASYÛT MANQABÂD
00	0		01	1	4	Ac,Ci	16.4	+1.9	20	33	+4	13	+3	41	6	0	0.1		NAG' HAMMÂDI
40	1	35	03	1	6	CS	16.2	+2.0	24	34	+1	13	0	26	3	0	2		QENA
20	5	30	01	2	3	AC	15.8	+1.5	22	34		14		20	-2	0	1		LUXOR
360	5	50	03	2	6	AC	15.2	+1.4	22	33	0	17	+1	21	-1	0	0.1		ASWÂN
																	2	7	SÎWA
40	1	35	02	2	3	AC	16.8	+0.5	18	28	+1	13	+3	28	-1	0	dr.	7	BAHARÎYA
00	0	35	02	1	3	Ci	16.2		17	30		14		18	-8	0	0		FARAFRA
180	9	50	01	0	3	Ci	15.4	+0.1	21	33	+3	14	+2	16	-6	0	0		DAKHLA
00	0	35	02	2	3	AC	15.9	+0.9	24	33	+3	17	+4	15	-5	0	0		KHARGA
40	1	35	00	0	2	Cu	17.4	+1.9	20	25	-1	10	-3	33	3	0	24	14	SUEZ
40	2	35	03	1	6	Cs	17.5	+3.8	20	22	-4	15	+1	33	3	0	Rain	13	TÔR
270	1	14	03	2	6	Ac,Ci	17.4	+2.5	20	26	+3	14	+1	33	3	0	7		HURGHADA
360	2	15	03	1	6		16.8	+3.4	23	24	-2	18	0	33	13	0	8	4	QUSEIR
360	9	30	02	0	1	Sc	14.8		26	29		19		66	19	0			PORT SÛDÂN
00	0	30	02	1	0	—	12.5		30	35		15		17	2	0			WÂDI HALFA
90	9	30	02	0	0	—			26	38		20		25	4	0			ABU HAMAD
																			KAREIMA
70	10	30	02	0	0	—	10.2		25	39		19		39	10	0			'ATBARA
70	7	30	03	0	0	—	8.9		27	37		20		40	12	0			KHARTÛM
50	4	30	02	0	0	—	7.3		31	41		21		36	14	0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
360	8	30	02	0	0	—	9.1		25	36		18		16	-3	0			EL OBEID
00	0	30	02	0	1	Ci			20	36		14		15	-8	0			EL FÂSHER
																			GENEINA
00	0	30	03	0	1	AC	7.9		31	41		25		38	15	0			MALAKÂL
90	14	10	04	2	6	AC	8.5		31	41		21		38	15	0			WÂU
70	3	50	03	1	5	Ac,Cs	7.7		28	39		22		38	19	dr.			JUBA

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	79	+14
Ezbekiya	41	-17
Giza	50	-10
Helwan	22	-22

GÎZA GRASS MINIMUM TEMP. on 28th 11.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

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

Remarks

RAWINSONDE

Cairo FAROUK AIRPORT — On 27th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	157	25		20	8
950					
900					
850	1564	19			
800					
700	3173	9			
600					
500	5862	-8			
400	7574	-20			
300	9639	-36			

AIRPORT — On ... At ...

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

AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 27th

Station	S.Barani		Matruh		Alex.A.P.		Port Said		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada	
Time	14		14		14		14		14		14		14		14 30		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	150	10	120	13	120	8	40	9	350	5	10	6	340	6	80	11	70	26	120	6	330	6	70	7	140	13
600	200	16	220	10	130	9	170	7	70	8	20	5	10	6	70	24	60	27	100	5	10	9	60	10	130	14
1000	210	16	250	20	70	9	190	7	50	5	360	4	50	6	70	24	50	24	20	7	360	10	70	7	120	11
1500	240	30	240	23	230	10	210	3	350	6	350	4	60	4	70	27	60	27	230	16	360	10	100	10	30	14
2000			240	15					300	3	10	5	70	8	70	26	50	21	230	24			80	8		
3000									260	17			20	10	30	11	60	14								
4000									250	28																
5000									230	28																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	SÎDI BARÂNI		MATRÛH		Alex. FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farafra	
Time	8		8		8		8						8		8		8	15			8		8	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	16	40	9	20	12	70	10					110	10	140	15	40	13			60	3	30	4
600	50	17	10	12	40	12	50	14					160	18	140	14	70	16			80	16	10	6
1000	30	7	360	11	120	4	90	2					160	26	140	26	20	16			110	11	10	6
1500	210	14	210	4	240	4	270	5					110	19	140	13	160	10			110	15	10	6
2000	240	17	220	14			210	7					150	25	150	6					80	9	350	9
3000															300	11					340	7		
4000																					290	10		
5000																					270	31		
6000																					280	36		
7000																								
8000																								

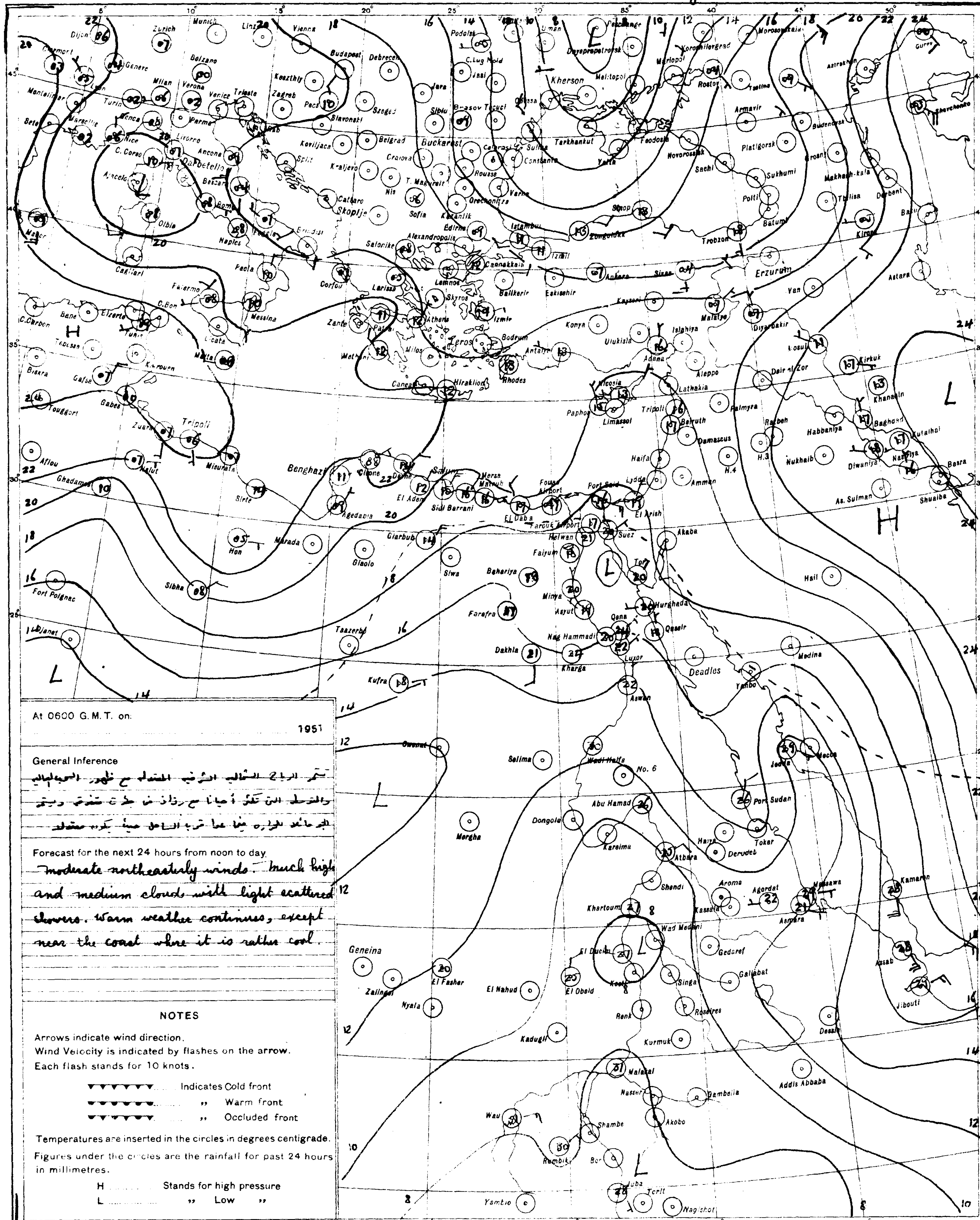
Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	8		8		8		8		4		4		4						4		5		4	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	26	40	11	110	6	60	4	40	4														
600	70	30	40	13	120	16	120	9	50	4	70	27	70	28									100	3
1000	90	21	60	9	120	26	120	18	40	4	70	23	70	25					350	14	40	17	70	7
1500	140	20			130	20	120	21	20	13	70	21	70	9							90	6	80	15
2000	170	13							360	11									90	29				
3000	140	22							360	11	360	7	100	11					190	5	90	13	90	11
4000	230	37																						
5000											230	4							70	3	120	7		
6000											220	18									150	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 [illegible] than the Egyptian standard time.

Note: All times are G.M.T.

Annual Subscription P.T. [illegible]

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON saturday 28/3/1953



At 0600 G.M.T. on: 1951

General Inference

تستمر الرياح الشمالية الشرقية المعتدلة مع ظهور السحب العالية
والمتوسطة التي تكون أحيانا مع رذاذ من حلقات متفرقة ويستمر
الجو دافئ الحرارة فيما عدا قرب الساحل حيث يكون معتدلا

Forecast for the next 24 hours from noon to day.
Moderate northeasterly winds. Much high and medium clouds with light scattered showers. Warm weather continues, except near the coast where it is rather cool.

NOTES

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

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

Temperatures are inserted in the 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 49 G.M.T.

" " Sunset 16 12 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 29th March, 1952 3

At 1200 on Saturday 28th

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	SALUM	40	13	35	61	8	8	Cu, As	20.2	16	66	10
	303	SIDI BARANI	40	11	14	61	8	2	Sc, As	20.7	16	88	14
	306	MATRUH	10	10	18	02	6	7	Sc, A	20.1	18	78	14
	309	EL DABA	40	8	35	02	1	4	Cb	19.6	20	56	11
		ALEXANDRIA	40	15	50	02	2	7	AC	19.8	17	88	15
	318	FAROUK Alex (Airport)	30	12	18	02	2	7	CC	19.7	21	57	12
	330	DAMIETTA	40	5	7	03	1	7	Sc		17	83	16
	333	PORT SAID	360	14	12	60	2	7	Ac	19	17	94	16
	336	EL ARISH	350	8	30	02	3	7	Ac		20	73	15
Lower Egypt	339	DAMANHUR	90	19	15	02	1	3	Cc	19.6	23	44	10
	342	MANSURA	40	5	15	03	2	8	As	18.4	22	53	12
	348	TANTA	40	8	35	03	2	8	Cs	18.8	24	38	9
	354	ZAGAZIG	40	2	50	02	1	4	Cc	19.0	28	40	13
	440	ISMAILIA	360	9	35	03	2	8	Cc	18.2	28	12	-4
Cairo Area	366	FAROUK Cairo (Airport)	20	19	30	02	2	3	As, Cc	17.6	28	20	3
	372	ALMAZA	40	18	30	03	1	3	Ac	17.6	26	37	10
		EZBEKIYA			18	01	1	2	AC	17.6	28	29	8
		GIZA			18	01	1	2	AC	17.9	28	25	6
	[illegible]	HELWAN	340	19	7	03	1	2	Cc	17.4	28	27	7
Upper Egypt	381	FAIYUM	360	6	35	01	1	1	Cc	16.3	32	15	2
	387	MINYA	330	2	12	02	1	3	Cc	15.7	34	8	-5
	393	ASYUT MANQABAD	130	8	30	03	1	7	Cc	14.2	35	6	-9
	399	NAG HAMMADI	70	1	7	01	1	3	Ac, Cc	14.2	33	12	0
	402	QENA	220	1	50	02	1	4	Cc	13.1	38	13	5
	405	LUXOR	90	4	30	02	1	0	—	12.5	37	8	-3
	414	ASWAN	140	4	50	00	0	0	—	10.8	38	17	9
Oases	417	SIWA	90	7	14	02	1	4	Ac, Cc	17.5	28	15	-1
	420	BAHARIYA	360	2	35	02	2	7	AC	16.9	32	28	11
	423	FARAFRA	00	0	35	03	1	6		14.9	34		-21
	432	DAKHLA	140	9	35	01	1	3	Cc	14.0	36	3	-16
	435	KHARGA	00	0	35	02	2	6	Cu	12.6	36	6	-7
Red Sea	450	SUEZ	310	3	35	03	0	5	Cu	17.4	31	17	3
	459	TOR	220	5	35	03	1	5	Cc	16.7	26	70	20
	462	HURGHADA	350	7	30	01	2	2	Cs	16.9	24	54	14
	465	QUSEIR	360	19	15	01	1	3	Cc	15.4	26	55	16
	641	PORT SUDAN	20	13	30	02	1	1	Sc	12.7	27	70	21
North Sudan	600	WADI HALFA	90	9	30	02	0	0	—	8.6	37	13	4
	640	ABU HAMAD	90	1	30	02	0	0	—		39	15	8
	660	KAREIMA	40	5	30	02	0	0	—	6.1	37	17	8
	680	ATBARA	40	5	30	02	0	0	—	4.2	39	16	9
	721	KHARTUM	40	2	30	02	0	1	AC	3.3	41	10	3
	[illegible]	KASSALA	20	4	30	02	0	0	—	1.3	43	17	13
Central Sudan	[illegible]	WAD MEDANI	50	2	35	02	1	0	—	1.5	42	11	5
	[illegible]	RENK	230	9	35	02	0	2	Ac		41	28	19
	802	ROSEIRES	50	2	35	02	0	0	—	0.6	42	19	14
	[illegible]	EL OBEID	340	4	30	02	0	0	—	3.2	38	11	3
	760	EL FASHER	130	2	50	03	0	2	AC		37	6	-6
	770	GENEINA	50	5	30	03	0	3	Cu, Cc		37	29	16
S. Sudan	840	MALAKAL	320	3	30	03	0	2	Cu	3.5	41	7	-1
	880	WAU	90	8	10	04	2	8	Cu, Ac	3.9	37	24	13
	941	JUBA	90	9	30	03	1	0	—	2.1	40	20	13

At 1800 on Saturday 28th

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	19	15	03	8	8	As	20.4	15	68	9	dr.
SIDI BARANI	40	11	14	02	8	6	Cu, Sc	20.6	15	88	13	dr.
MATRUH	50	8	12	01	2	4	AC	20.0	15	58	13	dr
EL DABA	40	8	7	01	1	3	Cu	19.7	17	68	11	0
ALEXANDRIA	40	16	35	03	2	8	As	20.3	17	68	11	0
Alex (Airport)	20	6	14	02	2	7	Ac	20.1	16	88	14	0
DAMIETTA	20	5		02	1	4	Sc	20.7	17	77	13	0
PORT SAID	30	15	12	01	8	3	Cc	20.5	17	88	15	dr.
EL ARISH	360	3	14	03	5	8	As	19.3	19	60	11	dr.
DAMANHUR	40	5	15	02	1	4	Cc	19.9	16	68	10	0
MANSURA	360	5		03	2	6	AS	20.0	17	68	11	0
TANTA	360	5	35	03	2	7	Sc, Cu	20.1	17	68	11	0
ZAGAZIG	00	0	35	02	1	0	—	20.3	17	68	11	0
ISMAILIA	40	5	35	03	2	8	AC	19.6	19	52	9	0
Cairo (Airport)	70	19	12	01	2	4	Ac, Cc	18.9	19	43	6	0
ALMAZA	40	15	12	01	2	7	AC	18.7	19	52	9	0
EZBEKIYA			10	03	0	6	Sc, Ac	18.3	21	57	12	0
GIZA			10	03	0	6	Sc, AC	19.1	20	49	9	0
HELWAN	20	13	7	02	2	7	AC	19.0	23	32	5	0
FAIYUM	00	0	35	02	2	8	As	18.0	23	44	10	0
MINYA	360	4	8	01	1	7	Cc	16.2	21	44	8	0
ASYUT MANQABAD	220	6	14	01	2	6	AC	15.3	26	18	0	0
NAG HAMMADI	00	0		01	1	3	Ac, Cc	14.3	24	38	9	0
QENA	00	0	7	02	1	2	Cc	14.0	26	28	6	0
LUXOR	70	15	12	01	2	4	Ac	13.0	30	7	-10	0
ASWAN	340	6	50	00	0	0	—	11.8	34	14	3	0
SIWA	70	12	10	02	0	7	Sc, As	16.3	25	30	6	0.4
BAHARIYA	40	2	15	02	2	8	Ac	16.3	25	24	3	0
FARAFRA	00	0	15	02	1	7	Cs	15.5	26	7	-12	0
DAKHLA	360	9	15	01	2	6	Cc	13.9	29		-22	0
KHARGA	00	0	15	01	1	3	Cc	13.4	30	13	-1	0
SUEZ	00	0	15	03	0	6	Cu	18.8	25	22	2	0
TOR	220	5	15	01	1	4	Cc	18.0	23	61	15	0
HURGHADA	180	3	12	02	1	1	Cc	17.2	21	41	7	0
QUSEIR	330	2	15	02	1	3	Ac	16.6	24	54	14	0

At 0600 on Sunday 29th March, 1953

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	Rain Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	40	19	15	03	2	8	Cu, As	19.2	+3.7	15	17	-6	14	+2	77	11	dr	37	
SIDI BARANI	40	14	15	02	2	7	Ns	19.0		16	17		15		77	12	dr	107	
MATRUH	50	15	15	02	2	7	Ns	18.9	+3.0	16	19		14		88	14	dr	51	
EL DABA	40	23	15	03	2	6	Sc	18.3		16	20		15		88	14	0	88	
ALEXANDRIA	40	16	50	02	2	6	Cc	19.1	+3.9	16	19	-3	14	0	88	14	0	116	180
FAROUK Alex (Airport)	40	14	18	03	2	7	Ac	18.6	+2.3	16	22	+1	14	+2	88	14	0	115	137
DAMIETTA	20	5		03	1	7	Ac	19.2	+4.1	17	22	+1	15	+3	68	15	0	55	101
PORT SAID	60	13	12	02	2	6	Ac, Cc	18.8	+2.7	17	21?	+1	16	+2	83	14	dr	61	
EL ARISH	360	2	12	01	5	6	Sc, Cu, Ac	17.8	+2.7	17	23?		14		83	14	dr	40	
DAMANHUR	40	13	15	02	2	8	AC	18.6	+3.2	17	24	0	12	+1	77	13	0	Rain	93
MANSURA	40	9	15	03	2	6	AC	18.2	+2.8	17	26	+1	14	+3	77	13	0	48	47
TANTA	90	13	35	03	2	8		18.8	+3.1	17	26	0	12	+2	77	13	0	18	34
ZAGAZIG											29	+3							24
ISMAILIA	20	5	35	03	2	8	Cc	18.0		20	30		15		46	8	0	32	
FAROUK Cairo (Airport)	70	15	12	02	2	7	Ac, Cc	17.1		19	29		15		56	10	0	7	
ALMAZA	60	16	18	02	2	7	Ac	16.8	+0.4	19	28	+4	16	+4	49	8	0	8	
EZBEKIYA			10	01	2	6	As	16.3	+0.8	20	28	+2	17	+5	46	8	0	15	22
GIZA			10	01	2	6	AC	16.8	+0.9	21	28	+2	16	+7	44	8	0	43	21
HELWAN	40	25	15	01	2	3	AS	16.6	+1.2	23	31	+5	19	+7	32	5	0	3	24
FAIYUM	360	4	35	01	1	4	As	16.7	+0.9	20	32	+5	15	+4	46	8	0	13	7
MINYA	350	4	10	02	1	0	—	16.3	-0.5	19	34	+7	13	+4	64	12	0	1	
ASYUT MANQABAD	00	0	10	02	1	1	Cc	14.9	-0.2	22	35	+8	17	+6	36	6	0	2	
NAG HAMMADI	00	0		05	1	0	—	14.6	+0.2	22	36	+7	15	+5	50	11	0	0.1	
QENA	40	1	35	00	0	0	—	14.7	+0.6	27	39	+6	15	+2	15	-2	0	2	
LUXOR	20	8	30	00	0	0	—	13.8	-0.4	18	37		17		20	-5	0	1	
ASWAN	360	6	50	00	0	0	—	13.1	-0.6	27	39	+6	21	+5	33	9	0	0.1	
SIWA	50	7	12	01	2	6	Sc, Ac	15.5	-1.4	18	30	+3	18	+8	56	9	0.4	2	7
BAHARIYA	90	2	35	02	2	7	AC	15.5	-0.8	20	33	+6	19	+9	41	6	0	dr.	7
FARAFRA	00	0	35	01	1	3	Cc	14.8		22			16		21	-1	0	0	
DAKHLA	340	11	50	00	0	0	—	14.3	-1.0	19	37	+6	15	+3	16	-8	0	0	
KHARGA	20	2	15	00	0	0	—	14.0	-0.8	25	37	+6	20	+7	17	-2	0	0	
SUEZ	270	2	35	00	0	7	Cu	16.0	+0.5	24	34	+8	14	+1	38	9	0	44	14
TOR	40	5	15	01	1	1	Cc	14.4	+0.8	21	30	+4	16	+2	65	14	0	Rain	13
HURGHADA	250	9	8	05	0	2	Cc	13.9	-0.9	24	26	+3	16	+2	46	12	0	7	
QUSEIR	360	2	15	02	0	0	—	13.4	+0.1	25	28	+2	20	+2	42	11	0	8	4
PORT SUDAN	340	6	30	03	2	3	Cu	14.2		27	29		23		79	23	0		
WADI HALFA	00	0	30	02	0	1	Cc	10.3		24	39		19		28	4	0		
ABU HAMAD	80	2	30	03	0	1	Cc			29	40		23		37	13	0		
KAREIMA	90		30	02	0	0	—	8.2		28	39		25		49	16	0		
ATBARA																			
KHARTUM	50	5	30	02	0	0	—	7.0		29	42		25		35	12	0		
KASSALA	360	4	30	02	0	0	—	6.7		30	43		22		52	19	0		
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID	360	2	30	03	0	2	AC, Cc	6.5		28	40		23		20	3	0		
EL FASHER	00	0	30	02	1	6	AC, Cc			24	39		18		17	-3	0		
GENEINA																			
MALAKAL		2	10	04	2	5	AC			29	42		26				0		
WAU																			
JUBA																			

HUMIDITY Mean of day

Station	on 28th	Diff. from normal
Alexandria	74	+9
Ezbekiya	51	-7
Giza	48	-12
Helwan	22	-22

GIZA Grass Minimum Temp. On 29th 14.1 °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 — ~~Mina~~ AIRPORT — On 28th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	157	25		70	19
950					
900					
850	1561	16		60	4
800					
700	3181	5		220	19
600					
500	5832	-13		250	28
400	7500	-23		250	56
300	9550	-37		250	69
200	12225	-52			

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

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

UPPER WIND OBSERVATIONS on 28th

Height m	S.Barani 13 Dir.	Vel.	Matruh 14 Dir.	Vel.	Alex.A.P. 14 Dir.	Vel.	Port Said 14 Dir.	Vel.	El Arish 14 Dir.	Vel.	Almaza 14 Dir.	Vel.	Minya 14 Dir.	Vel.	Asyut 14 Dir.	Vel.	Luxor 14 15 Dir.	Vel.	Aswan 14 Dir.	Vel.	Siwa 14 Dir.	Vel.	Dakhla 14 Dir.	Vel.	Farafra 14 Dir.	Vel.
300	40	19	60	15	40	14	40	16	360	27	160	17	360	14	350	9	50	5	90	5	80	23	70	7	50	10
600	50	18	60	14	40	7	170	9	360	19	110	17	350	11	320	5	60	3	60	10	80	23	90	7	60	12
1000			80	7	70	4	170	6	340	13	120	14	310	10	20	2	60	4	50	19	80	16	90	7	60	20
1500			200	12	220	10	200	10	20	9	190	5	150	3	100	8	70	10	60	8	130	14	120	7	60	14
2000			230	14					40	9	240	13	210	7	110	10	50	6	80	8	170	16	180	3	60	14
3000									180	16	310	21	170	6	110	10					200	21			60	16
4000									220	26					190	12										
5000									240	33					250	23										
6000															270	40										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 29th

Height m	Sidi Barani 8 Dir.	Vel.	Matruh 8 Dir.	Vel.	Alex. Airport 8 Dir.	Vel.	Port Said 8 Dir.	Vel.	El Arish 8 Dir.	Vel.	Helwan Dir.	Vel.	Minya 8 Dir.	Vel.	Asyut Manqabad 8 Dir.	Vel.	Luxor 8 45 Dir.	Vel.	Aswan Dir.	Vel.	Hurghada 8 Dir.	Vel.	Almaza 8 Dir.	Vel.
300	60	23	60	31	60	16	60	33	40	8			10	4	130	13	100	8			300	3	30	19
600	60	28	60	25	90	20	80	27	50	14			150	15	140	14	140	10			50	13	50	36
1000					90	16	90	19	50	15			160	16	140	12	140	13			110	7	60	21
1500					120	16	70	15	60	13			130	8	120	10					150	12	60	8
2000					90	5	80	14	210	10			140	8	50	10					100	4	180	11
3000													250	1	60	0					220	5	220	21
4000																								
5000																								
6000																								
7000																								
8000																								

Height m	Siwa 8 Dir.	Vel.	Bahariya 8 Dir.	Vel.	Dakhla 8 Dir.	Vel.	Kharga 8 Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad 4 Dir.	Vel.	Kareima 4 Dir.	Vel.	Khartum 4 Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal 4 Dir.	Vel.
300	70	30	150	12	120	8	60	7																
600	80	28	150	14	130	16	100	12			70	22	70	25	50	19							180	19
1000	130	16	150	14	120	19	110	17			90	21	60	27	50	19							160	23
1500	200	20	160	14	70	8	130	16			110	17	70	17	40	17							160	23
2000	220	22	160	16	120	7	90	8					60	7									180	5
3000	250	28	240	16							100	10	230	1	50	7							340	13
4000															80	7								
5000											320	13	290	8	90	8							90	[illegible]
6000											300	12	310	10	60	10								
7000															70	5								
8000													210	27	180	2								

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

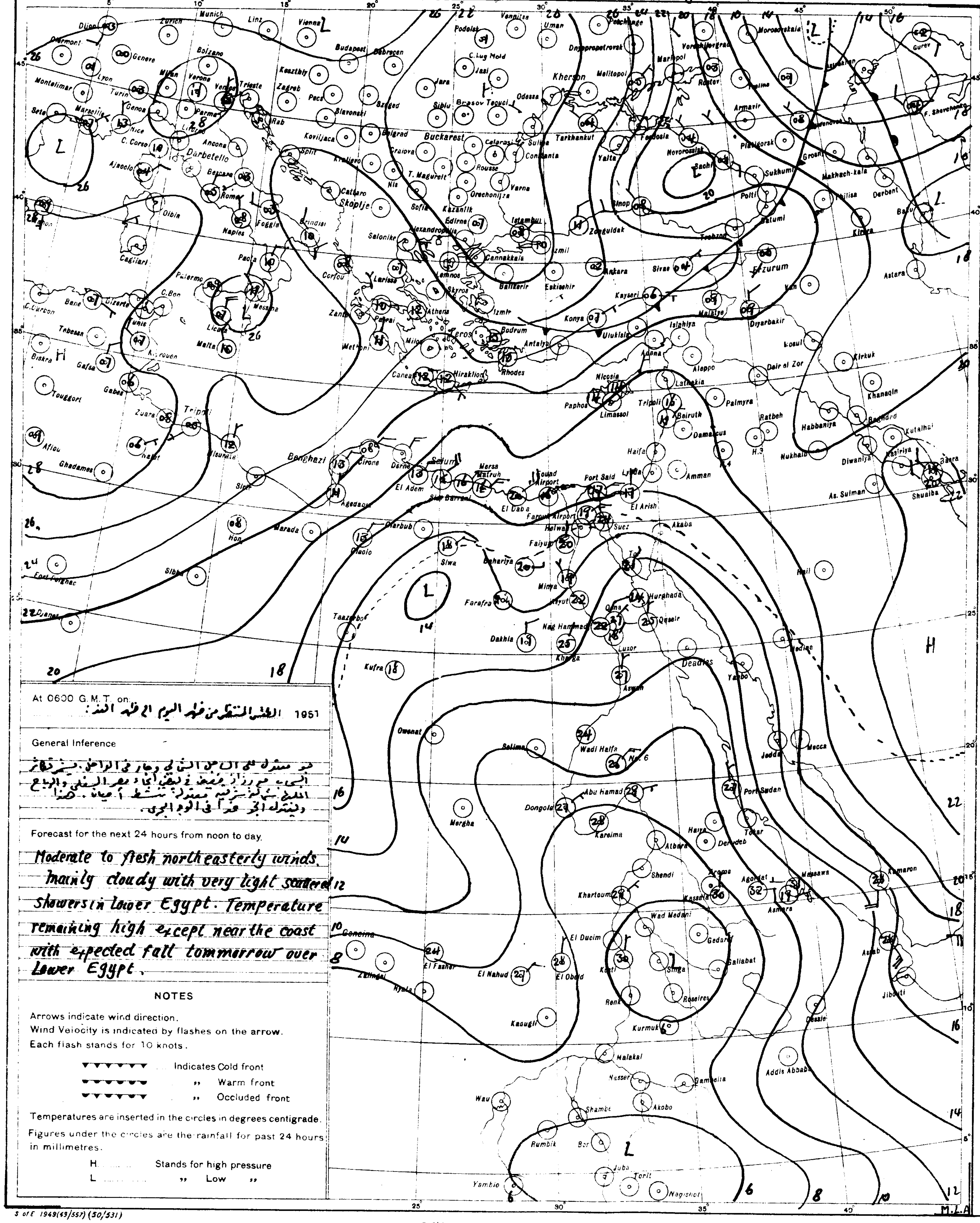
Printed by the Survey of Egypt [illegible]

Note: All times are G.M.T.

Annual Subscription [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 29/3/1952*



At 0600 G.M.T. on الطقس المنتظر من ظهر اليوم الى ظهر الغد: 1951

General Inference

جو معتدل على الاجزاء الشمالية وحار في الواحات. سيتم تقاطر السحب مع رذاذ ضعيف في بعض انحاء مصر السفلى والبحر الاحمر ... معتدلة تنشط أحيانا. هذا وينتظر الجو ... في اليوم التالي.

Forecast for the next 24 hours from noon to day.

Moderate to fresh northeasterly winds. Mainly cloudy with very light scattered showers in lower Egypt. Temperature remaining high except near the coast with expected fall tommorrow over Lower Egypt.

NOTES

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

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

Temperatures are inserted in the 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 48 G.M.T.
" " Sunset 16 12 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 30th March 1952 3

At 1200 on Sunday 29th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	40	19	35	03	2	6	Cc	18.3	17	60	9
	303	SÎDI BARÂNI	40	18	18	02	2	4	Ns, Ac	18.9	18	73	13
	306	MATRÛH	40	13	18	02	2	6	Ns, Ac	18.3	18	73	13
	309	EL DABA	40	12	35	03	2	7	St	17.8	18	73	13
		ALEXANDRIA	40	22	50	02	2	8	As	17.8	17	77	13
	318	FAYID (Airport)	60	20	18	03	2	8	Ac, Cs	17.6	19	68	13
	330	DAMIETTA	20	9	15	03	2	8	As	17.8	19	73	14
	333	PORT SA'ID	60	13	12	02	2	8	Cs	16.9	18	78	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	90	13	15	02	2	8	Ac	17.1	23	50	12
	342	MANSURA	40	5	15	03	2	8	Ac	17.2	23	44	10
	348	TANTA	40	13	15	03	2	8	Ac	17.0	24	47	12
	354	ZAGAZIG	40	2	50	02	2	8	Ac	15.6	27	55	17
	440	ISMAÎLIA	20	9	35	02	2	8	Cc	16.3	28	33	10
Cairo Area	366	CAIRO (Airport)	90	23	14	03	2	8	As, Cc	14.9	31	28	10
	372	ALMAZA	40	22	30	03	2	7	Ac, Cs	13.4	31	18	4
		EZBEKIYA			18	01	2	3	Cs	13.2	31	28	10
		GIZA			18	01	2	3	Cs	13.5	32	15	2
	378	HELWÂN	20	11	15	02	2	8	As, Cs	12.4	34	18	6
Upper Egypt	381	FAIYUM	00	0	35	03	2	8	Cc	12.2	31	31	12
	387	MINYA	00	0	10	02	1	5	Ac, Cc	11.4	35	25	12
	393	ASYUT MANQABAD	140	7	30	03	1	5	Cs	10.6	37	14	6
	399	NAG' HAMMADI	00	0	7	01	1	5	Ac, Cs	11.0	36	25	13
	402	QENA	180	1	50	03	1	3	Cc	10.2	38	24	14
	405	LUXOR	110	8	30	00	0	0	—	9.5	39	10	2
	414	ASWAN	00	0	50	00	0	0	—	7.5	40	23	15
Oases	417	SIWA	80	12	13	02	5	7	St, Ac	14.3	26	37	10
	420	BAHARIYA	40	2	15	02	2	8	Ac	12.2	34	22	9
	423	FARAFRA	00	0	35	03	1	7	Cs	12.0	35	12	1
	432	DAKHLA	90	4	35	01	2	6	Cc	10.2	38	13	5
	435	KHARGA	90	1	15	02	1	4	Ac	9.4	37	18	9
Red Sea	450	SUEZ	270	2	50	01	0	4	Cu	16.0	33	21	8
	459	TOR	220	9	35	03	1	4	Cc	13.8	27	22	3
	462	HURGHADA	20	5	8	02	1	4	Cs	13.6	25	70	19
	465	QUSEIR	20	9	15	02	0	0	—	13.0	28	45	15
	641	PORT SUDAN	40	10	30	02	1	0	—	11.1	29	74	24
North Sudan	600	WADI HALFA	180	3	30	02	0	0	—	5.9	40	17	11
	640	ABU HAMAD	00	0	15	05	0	1	Cc		41	16	10
	660	KAREIMA	40	7	30	02	0	0	—	3.7	41	10	4
	680	ATBARA	90	7	30	02	0	0	—	2.6	41	11	5
	721	KHARTUM	50	5	30	02	0	1	Ac	1.8	41	10	4
	730	KASSALA	90	3	30	03	0	1	Cu	0.0	44	13	10
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	180	2	30	02	0	2	Ac	2.3	39	14	7
	760	EL FASHER	00	0	30	02	2	8	Cs		39	13	6
	770	GENEINA	140	7	30	02	2	7	Cs		39	6	-5
S. Sudan	840	MALAKAL											
	880	WAU											
	941	JUBA	100	7	30	02	2	8	Cu, Cs	3.1	40	15	9

At 1800 on Sunday 24th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	40	19	35	61	8	8	Cu, As	17.5	16	68	10	dr.
SÎDI BARÂNI	60	17	14	02	2	7	St, As	17.0	15	88	13	0
MATRÛH	20	7	4	03	1	3	St, Ac	17.3	16	82	13	0
EL DABA	40	16	7	03	2	8	St	16.5	17	72	12	0
ALEXANDRIA	90	29	35	02	2	8	Cc	16.8	16	88	14	0
FAYID (Airport)	60	16	12	02	2	8	Ac, Cs	17.0	17	83	14	0
DAMIETTA	20	9		02	2	8	As	17.5	17	88	15	0
PORT SA'ID	50	16	8	02	2	8	As	17.5	17	83	14	0
EL 'ARISH	30	8	14	02	2	8	Sc, Cu	16.3	17	83	14	dr.
DAMANHUR	90	9	15	02	1	8	Ac	16.7	17	77	13	0
MANSURA	20	9		03	2	8	Ac	17.0	18	73	13	0
TANTA	360	5	35	03	2	8	Cs	16.3	18	83	15	0
ZAGAZIG	00	0	35	02	0	0	—	16.7	18	73	13	0
ISMAÎLIA	20	5	35	02	2	8	Cs	16.0	19	64	12	0
CAIRO (Airport)	90	18	12	02	2	8	As	16.2	20	43	7	0
ALMAZA	70	16	12	02	2	7	Ac	15.7	21	50	10	0
EZBEKIYA			10	03	1	8	As	15.0	22	57	13	0
GIZA			10	03	1	8	As	15.1	22	38	7	0
HELWÂN	40	27	3	34	3	8	As	14.2	23	32	5	0
FAIYUM	360	6	35	02	2	8	Cc	13.4	23	44	10	0
MINYA	360	8	8	02	2	5	Ac	11.1	27	30	8	0
ASYUT MANQABAD	340	5	12	02	2	7	Ac, Cs	10.6	30	27	9	0
NAG' HAMMADI	00	0		01	1	4	Ac	11.2	25	42	11	0
QENA	00	0	7	02	1	4	Cc	11.2	28	12	-4	0
LUXOR												
ASWAN	360	3	50	01	1	2	Cc	7.4	37	18	9	0
SIWA												
BAHARIYA	20	1	15	02	2	6	Ac	11.9	27	33	9	0
FARAFRA	00	0	15	02	1	7	Cs	11.0	30	11	-4	0
DAKHLA	110	4	15	01	2	6	Cc	9.1	33	16	4	0
KHARGA	360	2	15	02	2	6	Ac	8.0	33	21	8	0
SUEZ	310	7	15	01	0	3	Cu	15.4	23	41	9	0
TOR	00	0	15	03	2	8	Cs	12.6	25	54	15	0
HURGHADA	00	0	10	02	2	5	As	12.2	25	65	18	0
QUSEIR	20	2	15	01	1	4	Cc	12.6	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 Monday 30th March, 1953

Station	Wind 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	70	13	15	03	2	8	Cu, As	15.2	-0.2	11	18	-5	10	-2	94	10	dr.	37	
SÎDI BARÂNI	350	12	15	02	2	6	St, Ac	15.2		16	18		14		86	14	1	108	
MATRÛH	80	16	15	02	2	7	Sc	14.1	-1.7	17	19		15		68	11	dr.	51	
EL DABA	70	12	50	02	1	3	Cc	14.1		17	18		15		64	10	0	88	
ALEXANDRIA	90	23	50	03	2	6	Cc	14.3	-0.8	17	19	-3	15	+1	68	11	0	116	181
FAYID (Airport)	60	16	18	01	2	7	Ac, Cs	14.1	-2.2	18	20	-1	15	+3	68	12	0	115	101
DAMIETTA	20	5	7	01	1	5	Ac	14.2	-0.9	18	20	-1	16	+4	83	15	0	55	72
PORT SA'ID	40	16	8	02	2	7	Ac, Cs	13.5	-2.6	17	19	-1	16	+2	88	15	0	61	
EL 'ARISH	340	3	18	02	5	8	Ns	1.7	-3	17			16		83	14	dr.	40	
DAMANHUR	40	13	15	02	1	2	Cc	14.3	-1.0	18	24	-1	15	+4	73	13	0	Rain	93
MANSURA	40	9	7	03	2	8	St	14.0	-1.4	18	23	-2	16	+5	73	13	0	48	47
TANTA	360	13	35	03	2	8	As	13.4	-2.0	17	24	-2	15	+5	68	11	0	18	34
ZAGAZIG	00	0	35	02	1	6	Cu	18.0	-2.4	17	27	+1	15	+5	77	13	0	29	24
ISMAÎLIA	40	9	35	03	2	8	Cc	12.6		19	29		16		64	12	0	32	
CAIRO (Airport)	90	18	12	02	2	8	Ac	12.2		18	32		17		64	11	0	7	
ALMAZA	70	16	12	02	2	8	Ac	11.7	-4.7	18	32	+7	17	+5	68	12	0	8	
EZBEKIYA	350	3	4	50	8	7	Ac	11.5	-4.0	19	32	+6	15	+3	64	12	dr	15	22
GIZA	350	3	4	50	8	7	Ac	11.4	-4.5	19	32	+6	16	+7	56	10	dr	43	21
HELWÂN	360	6	7	02	2	8	Ac	11.2	-4.2	23	34	+8	18	+6	38	8	0	3	24
FAIYUM	00	0	35	02	2	8	As	11.0	-4.7	21	34	+7	15	+4	57	12	0	13	7
MINYA	330	5	8	01	2	5	Ac, Cc	9.4	-6.4	21	35	+8	17	+8	57	12	0	1	
ASYUT MANQABAD	00	0	14	02	1	5	Ac, Cc	9.2	-5.8	25	38	+11	21	+10	30	6	0	2	
NAG' HAMMADI	00	0		02	1	6	Ac, Cs	8.9	-5.5	25	37	+8	19	+8	42	11	0	0.1	
QENA	00	0	14	03	0	6	Cs	9.3	-4.7	28	40	+7	19	+5	27	7	0	2	
LUXOR	00	0	14	02	2	6	Ac	8.3	-5.9	24			20		28	4	0	1	
ASWAN	110	3	50	01	1	3	Cc	8.2	-5.4	30	41	+8	24	+7	24	7	0	0.1	
SIWA																			7
BAHARIYA	90	2	35	02	2	6	Ac	10.6	-5.6	23	37	+9	20	+10	32	5	0	dr.	7
FARAFRA	00	0	35	02	1	7	Cs	9.5		25	37		20		42	11	0	0	
DAKHLA	180	11	35	01	0	7	Cc	9.0	-6.2	30	39	+8	18	+6	25	8	0	0	
KHARGA	00	0	15	02	2	8	Ac	7.9	-6.8	27	38	+7	25	+12	30	8	0	0	
SUEZ	310	5	35	00	0	7	Cu	10.6	-4.8	22	34	+8	13	0	47	10	0	44	14
TOR	270	5	15	01	2	8	As	9.6	-4.0	23	28	+2	20	+6	74	18	0	Rain	13
HURGHADA	310	6	14	03	1	5	Ac	9.4	-5.4	24	28		15	+1	54	14	0	7	
QUSEIR	360	2	15	03	2	7	As	9.4	3.9	27	29	+3	22	+4	52	16	0	8	4
PORT SUDAN	360	2	30	03	1	5	Sc	10.1		27	30		23		79	23	0		
WADI HALFA	160	8	15	05	1	7	Ac, Cs	5.3		26	42		13		37	12	0		
ABU HAMAD																			
KAREIMA	40	3	30	03	0	7	Cs	4.5		29	42		26		37	13	0		
ATBARA	50	5	30	01	2	1	Cc	4.9		29	43		24		29	9	0		
KHARTUM	50	9	30	01	1	2	Cc	3.9		30	43		24		38	14	0		
KASSALA	30	4	30	02	0	0	—	3.4		33	45		23		36	16	0		
WAD MEDANI	90	5	7	02	1	0	—	3.7		31	44		23		38	15	0		
RENK																			
ROSEIRES																			
EL OBEID	170	5	30	02	2	7	Cs	4.1		30	41		24		21	5	0		
EL FASHER	00	0	30	01	2	1	Cc			25			20		22	2	0		
GENEINA	270	2	15	05	0	7	Cs			25	40		19		19	0	0		
MALAKAL	160	13	30	03	2	8	As, Cs	3.3		33	42		27		30	13	0		
WAU	230	4	10	04	0	0	—	6.3		29	40		25		59	20	0		
JUBA																			

UPPER AIR OBSERVATIONS

HUMIDITY — Mean of day

Station	on 29th	Diff. from normal
Alexandria	86	+21
Ezbekiya	47	-11
Giza	36	-24
Helwan	26	-18

GIZA — MINIMUM TEMP. on 30th 13.0 °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

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
Cairo Airport — On 29th At 15h					
1000	132	24		50	16
950					
900					
850	1539	18		200	6
800					
700	3165	6		220	24
600					
500	5817	-13		280	29
400	7363	-25		250	49
300	9515	-40		250	68

Airport — On ... At ...

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

Airport — On ... At ...

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

UPPER WIND OBSERVATIONS on 29th

Height m.	Helwan Dir.	Helwan Vel.	Alex. A.P. Dir.	Alex. A.P. Vel.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.
Time	14		14		14		14		14		14	
300	70	19	60	17	50	23	40	17	330	4	220	2
600	70	18	70	20	40	14	70	23	240	6	160	3
1000			80	19	60	17	110	7	180	5	70	3
1500			90	16	90	10	220	19	150	4	60	13
2000					80	14	240	22	260	5	70	12
3000							260	18	260	11	220	10
4000							290	21			220	9
5000												
6000												
7000												
8000												

Height m.	Aswan Dir.	Aswan Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	El Arish Dir.	El Arish Vel.	S. Baraka Dir.	S. Baraka Vel.	Farafra Dir.	Farafra Vel.	Asyut Dir.	Asyut Vel.
Time			14		14		14		14		14		20	
300			10	3	80	8	30	26	60	25	150	7	40	11
600	280	1	50	8	100	13	30	26	70	29	140	6	50	25
1000	230	1	20	10	100	17	40	13	80	22	120	7	60	30
1500	100	8	50	10	90	10	150	14			150	7	70	16
2000			50	9	90	5	300	3			160	10		
3000			60	8										
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 30th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Cairo Airport Dir.	Cairo 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.	Almaza Dir.	Almaza Vel.
Time	8		8		8		8		8				8		8		2 30						4	
300	20	19	50	9	60	26	40	19	30	6			10	7	160	10	60	7					50	15
600	50	17	70	13	60	26	50	19	20	4			10	7	200	16	70	16					90	26
1000	90	20	90	23	80	16	50	26	30	4			350	9	230	30	90	9					110	16
1500			130	13			60	23	40	9			350	6	240	28	180	17					70	10
2000			200	10					270	4			350	8	250	21	100	12					250	10
3000			230	33													160	11					210	16
4000																							230	37
5000																							230	47
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 Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time			8		8		8		4				4		4				4		4		4	
300			20	5	330	3	100	11	130	13														
600			30	4	140	7	130	13	140	29			100	23	60	19							150	16
1000			20	5	120	9	120	10	140	23			80	21	70	21			360	10	60	9	150	31
1500			80	9	110	7			160	10			70	8	40	15			30	7	270	1	130	36
2000			210	9					100	8														
3000			240	10					200	7			330	7	330	7			30	18	130	11	130	7
4000																								
5000									330	10			270	13					140	13	60	1		
6000									360	3			200	15					230	2	110	10		
7000																			150	7				
8000																								

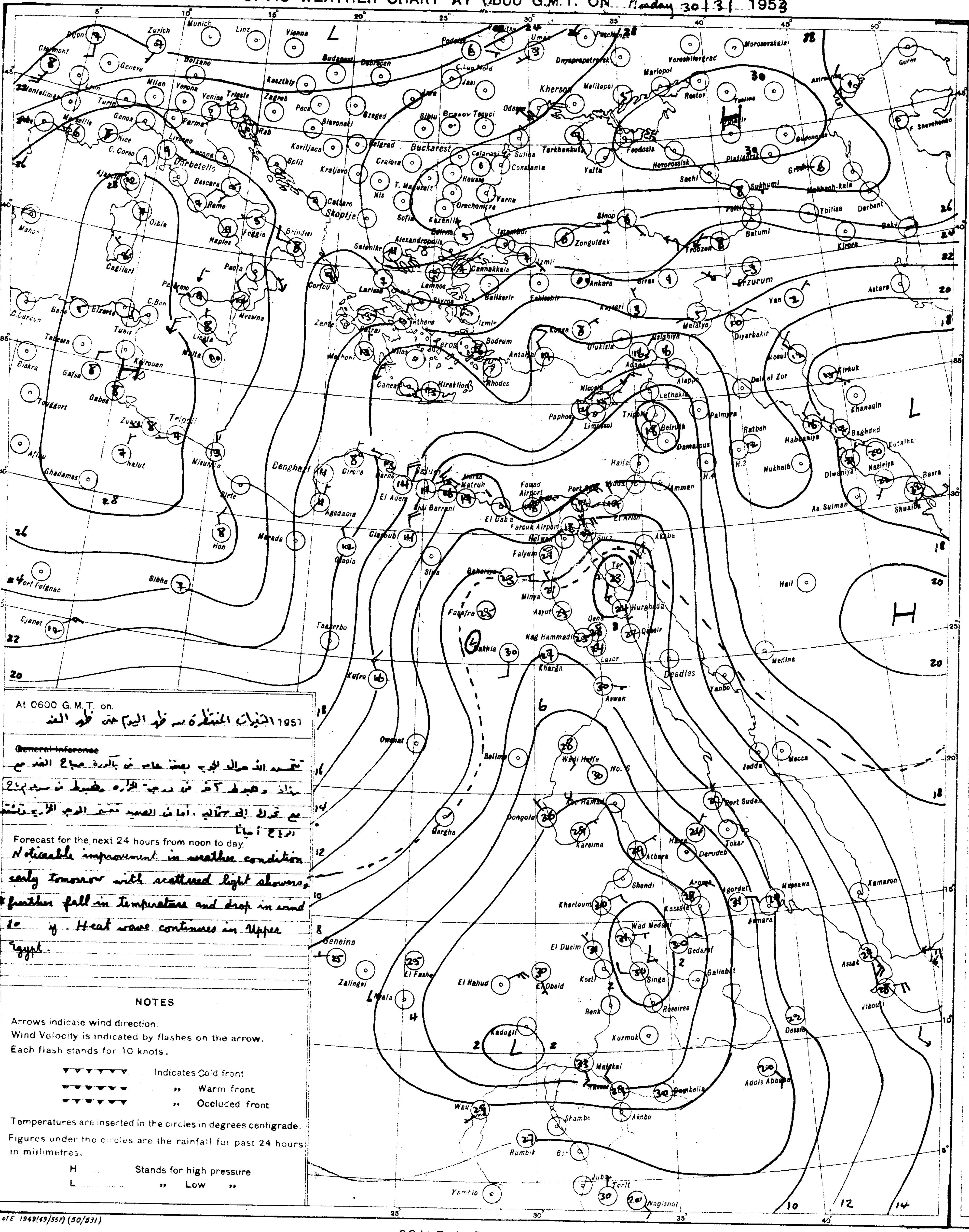
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 30/3/1953



At 0600 G.M.T. on.	
1951 التنبؤات المنتظرة من ظهر اليوم حتى ظهر الغد	

~~General Inference~~

تتقدم الأحوال الجوية بصفة عامة في بالدرجة صباح الغد مع
رذاذ وهبوط آخر في درجة الحرارة وهبوط في سرعة الرياح
مع تحول إلى جنوبي . أما في الصعيد تستمر الموجة الحارة وتشتد
الرياح أحيانا

Forecast for the next 24 hours from noon to day.

Noticeable improvement in weather condition early tomorrow with scattered light showers, & further fall in temperature and drop in wind 10 y. Heat wave continues in Upper Egypt.

NOTES

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

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

Temperatures are inserted in the 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	Ci
Cirrostratus	Cs
Cirrocumulus	Cc
Altocumulus	Ac
Altostratus	As
Stratocumulus	Sc
Nimbostratus	Ns
Cumulus or Fractocumulus	Cu or Fc
Cumulonimbus	Cb
Stratus or Fractostratus	St or Fs

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 46 G.M.T.
" " Sunset 16 13 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 31st March, 1953

Area	Index Number	Station	At 1200 on Monday 30th: 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	At 1800 on Monday 30th: 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
MEDITERRANEAN	62300	SALŪM	20	19	35	03	2	7	Cu	15.0	17	68	11	360	13		03	2	8	Cu, AS	14.8	15	68	9	0
	303	SĪDI BARĀNI	20	15	15	02	1	1	Cb	14.6	18	78	14	350	6	14	02	0	1	SC	14.1	15	88	13	0
	306	MATRŪH	360	15	18	03	2	5	Sc, Cu	12.9	19	68	13	350	6	12	01	0	2		13.0	16	88	14	0
	309	EL DAB'A	20	7	35	01	1	3	Cu	11.6	21	50	10	360	9	7	00	0	0	—	11.4	16	88	14	0
		ALEXANDRIA	110	22	50	02	2	7	Cu, Sc	11.8	23	36	7	40	15	35	01	2	3	AC	11.7	16			0
	318	Alex (Airport)	80	11	12	02	2	7	Sc, Ac	11.4	23	50	12	00	0	12	01	1	2	AC	11.3	16	88	14	0
	330	DAMIETTA	40	9	15	05	3	7	Sc	11.9	18	73	13	40	2		01	1	1	AC	11.5	17	88	15	0
	333	PORT SA'ĪD	60	23	10	21	8	8	Ac	11.3	18	78	14	80	10	12	01	1	1	AC	11.0	17	88	15	dr.
	336	EL 'ARISH	60	14	30	01	1	5	Ac, Ci	10.5	21	61	13	50	8	12	03	3	7		9.9	21	50	10	dr.
LOWER EGYPT	339	DAMANHUR	130	19	15	02	1	1	Cu	10.3	24	47	12	150	5	15	02	0	0	—	11.5	18	73	13	0
	342	MANSURA	40	24	15	33	3	6	Ac	11.0	23	50	12	20	5		03	3	3	AC	11.1	19	64	12	0
	348	TANTA	90	13	35	03	2	8	Cs	10.8	24	47	12	360	2	35	03	2	5	Cu	10.3	20	73	15	0
	354	ZAGAZIG	40	23	15	09	3	0	—	10.7	24	47	12	00	0	35	02	3	0	—	10.0	20	60	12	0
	440	ISMA'ILIA	40	24	1.5	07	3	8	Ci	10.6	24	32	6	70	9	15	02	2	8	AC	10.3	23	38	8	0
CAIRO AREA	366	FAROUK (Airport)	90	35	0.11	07	3	8	As	10.0	25	28	5	90	17	18	02	2	8	AC	9.1	22	44	9	0
	372	ALMĀZA	70	38	0.13	33	3	9		9.3	24	32	6	80	22	8	05	3	7	AC, CS	9.2	22	47	10	0
		EZBEKĪYA	80	16	0.07	33	5	9		9.3	25	39	10	60	11	6	06	3	5		9.5	24	47	12	dr.
		GĪZA	80	16	0.07	33	5	9		8.8	21?	50	10	60	11	6	06	3	5	AC, Ci	8.7	23	44	10	dr.
	378	HELWĀN																							
UPPER EGYPT	381	FAIYŪM	20	12	1.5	31	3	8	As	7.4	27	37	11												
	387	MINYA	350	3	8	02	2	6	Ac, Ci	7.5	27	52	16	00	0	8	03	2	8	AC CS	7.0	23	65	16	0
	393	ASYŪT MANQABĀD												190	1	8	02	2	8	AS	7.9	20?	41	6	0
	399	NAG' HAMMĀDI	90	1	7	02	1	7	Cu, AC	7.0	36	20	10	00	0		02	1	7	Cu, AC	7.5	27	52	16	0
	402	QENA	00	0	50	02	1	5	Ci	6.0	37	22	12	00	0	7	02	1	5	CS	7.0	29?	35	12	0
	405	LUXOR	00	0	30	02	1	5	Ae, Ci	6.3	38	17	9	00	0	12	02	2	8	Sc, AS	5.8	25?	39	10	0
	414	ASWĀN	00	0	50	03	2	7	Ae	5.0	39	30	18	00	0	50	03	2	7	AC	5.4	36	29	15	0
OASES	417	SĪWA	360	7	4	02	0	1	Ae	12.0	27	27	6												
	420	BAHARĪYA	40	3	35	02	2	6	Ae	7.9	33	24	10	00	0	15	03	2	8	AC	6.9	26	29	7	0
	423	FARAFRA	340	25	7	32	3	8	AC, Ci	8.7	28	27	7	270	16	15	03	3	7	AC Ci	10.4	24	38	9	0
	432	DAKHLA	320	26	15	32	3	0	—	6.4	33	16	4	320	19	7	34	3	0	—	8.7	26	30	7	0
	435	KHARGA												00	0	15	02	2	8	Sc, Cu	6.3	31	22	7	0
RED SEA	450	SUEZ	360	9	50	03	0	8	Cu	9.0	26	48	14	310	2	15	01	0	2	Sc	9.3	24	47	12	0
	459	TOR	220	5	15	01	2	8	AS	8.4	25	54	15	140	5	15	01	2	8	AS	8.6	23	74	18	0
	462	HURGHADA	00	0	30	03	2	6	AC	7.7	26	66	19	300	13	12	02	2	6	AC	7.8	24	69	18	0
	465	QUSEIR	90	2	15	01	1	5	Ae	8.6	27	70	21	20	5	15	03	2	6	As, Ci	7.6	25	70	19	0
	641	PORT SŪDAN	70	7	10	05	1	5	Cs	7.5	29	79	25												
NORTH SŪDAN	600	WĀDI HALFA	50	2	30	02	2	6	Ac	0.3	41	16	10												
	640	ABU HAMAD																							
	660	KAREIMA	80	2	15	02	2	7	Cs	999.9	42	12	7												
	680	'ATBARA	70	5	30	03	1	2	Ci	1.7	41	9	2												
	721	KHARTŪM	20	8	30	03	1	4	Ci	999.0			1												
	730	KASSALA	180	3	30	02	0	0	—	997.5	44	13	9												
CENTRAL SŪDĀN	751	WAD MEDANI	360	2	35	02	0	5	Ci	997.3	43	9	4												
	801	RENK																							
	802	ROSEIRES	310	5	35	02	0	2	Ci	00.0	42	27	19												
	771	EL OBEID																							
	760	EL FĀSHER	160	1	30	02	1	4	Ci		39	16	9												
	770	GENEINA	270	5	15	05	2	7	Cu, Ci		39	14	7												
S. SŪDĀN	840	MALAKĀL	230	8	30	03	2	6	Cu, Ci	999.9	41	19	13												
	880	WĀU	180	8	10	04	2	6	Cu, CS	00.8	39	24	15												
	941	JUBA	130	6	30	03	0	4	Cu, Ci	999.9	41	17	11												

At 0600 on Tuesday 31st March, 1953

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	Station
220	13	15	03	1	4	Cu	14.4	-0.9	14	18	-5	12	0	77	10	0	37		SALUM
320	8	15	02	2	4	SC	12.6		15	20		14		86	13	0	108		SĪDI BARĀNI
300	8	14	02	1	6	NS, AC	11.4	-4.3	16	20		14		82	13	0	51		MATRŪH
340	9	15	02	1	4	Cb	9.7		17	21		13		77	13	0	88		EL DAB'A
40	13	35	00	4	0	—	9.0	-6.1	17	24	+2	15	+1	77	13	0	116	181	ALEXANDRIA
20	5	12	06	0	2	St	8.3	-7.9	17	26	+5	14	+2	88	15	0	115	137	Alex (Airport)
20	5	15	00	0	0	—	7.5	-7.5	18	20	-1	15	+3	88	16	0	55	101	DAMIETTA
50	16	8	02	0	0	—	6.5	-9.6	17	20	0	16	+2	88	15	dr.	61		PORT SA'ĪD
120	6	18	01	1	1	SC	6.2	-8.7	20	22		17		46	8	dr.	40		EL 'ARISH
40	9	15	02	0	0	—	8.4	-6.8	19	25	0	15	+4	83	16	0	Rain	93	DAMANHŪR
360	5	15	00	1	0	—	7.4	-8.0	19	25	0	14	+2	73	14	0	48	47	MANSŪRA
220	2	35	02	0	0	—	7.2	-8.3	17	25	-1	13	+3	88	15	0	18	34	TANTA
00	0	35	02	0	0	—	6.6	-7.8	17	25	-1	13	+3	77	13	0	29	24	ZAGAZIG
200	2	35	03	2	8	AC, Ci	7.0		21	25		15		65	14	0	32		ISMAILIA
00	0	7	05	1	0	—	7.6		16	25		13		88	14	dr.	7		FAROUK (Airport)
[illegible]	3	8	02	2	6	CS	7.7	8.6	16	25	0	14	+2	77	12	0	8		ALMĀZA
330	3	10	02	5	4	Sc	7.5	-7.9	16	25	-1	14	+2	82	13	0	15	22	EZBEKĪYA
330	3	10	02	5	4	Sc	8.2	-7.6	16	26	0	13	+4	88	14	dr.	43	21	GĪZA
																		24	HELWĀN
00	0	35	02	1	3	AS	8.6	-7.0	17			15	+4	77	13	0	13	7	FAIYŪM
160	2	6	05	2	3	AC	8.7	-8.0	20	38	+5	16	+7	60	12	0	1		MINYA
330	3	3	60	6	7	AC	9.3	-5.6	22	38	+10	20	+9	41	8	dr.	2		ASYŪT MANQABĀD
270	1		02	1	5	AC, Ci	8.0	-6.3	24	36	+7	19	+8	54	14	0	0.1		NAG' HAMMĀDI
270	1	35	02	1	5	Ci	7.5	-6.4	26	40	+7	20	+6	37	10	0	2		QENA
										39									LUXOR
00	0	50	03	2	6	AC	6.6	-6.9	31	40	+7	26	+9	49	19	0	0.1		ASWĀN
300	6	14	03	0	1	Cu	15.0	-1.7	14			12	+2	82	11	0	2	7	SĪWA
360	4	35	02	2	4	Cu	10.2	-5.9	16			15	+4	88	14	0	dr.	7	BAHARĪYA
360	5	15	03	2	8	AC, Ci	11.9		18	29		16		60	10	0	0		FARAFRA
340	26	7	32	3	8	Ci	10.6	-4.5	19	34	+3	17	+5	52	9	0	0		DAKHLA
00	0	7	02	2	8	AC	8.2	-6.4	23	40	+9	20	+7	32	5	0	0		KHARGA
180	3	35	00	0	6	Cu	6.8	-8.5	21	28	+2	15	+2	74	16	0	44	14	SUEZ
40	5	15	02	2	8	AC	4.8	-8.7	24	27	+1	20	+6	84	21	0	Rain	13	TŌR
110	10	30	03	1	6	Cu, Sc	6.8	-7.9	24	27	+4	18	+4	61	16	0	7		HURGHADA
360	2	15	03	2	7	AS	6.8	-6.4	24	31	+5	23	+5	69	18	0	8	4	QUSEIR
360	4	10	05	2	7	SC	9.3		27	30		23		64	24	0			PORT SUDĀN
20	7	10	05	0	0	—	4.9		29	42		24		19	3	0			WĀDI HALFA
70	1	15	05	2	6	CS			29	43		24		31	10	0			ABU HAMAD
60	3	30	02	2	1	CS	3.1		29	44		24		27	6	0			KAREIMA
110	5	30	02	1	3	Ci	3.3		31	43		24		29	11	0			'ATBARA
110	3	30	03	0	1	AC	4.1		30	43		24		18	3	0			KHARTŪM
60	3	30	01	2	1	AC	2.6		35	45		27		32	16	0			KASSALA
																			WĀD MEDANI
																			RENK
130	2	35	02	1	3	Cu	2.6		35	42		29		35	17	0			ROSEIRES
30	23	30	01	2	3	AC	3.0		33	41		28		26	11	0			EL OBEID
210	1	30	02	2	4	AC			28	41		27		45	15	0			EL FĀSHER
30	10	30	01	2	5	AC			29	40		29		15	0	0			GENEINA
280	13	10	05	0	1	AC	4.5		33	42		26		30	13	0			MALAKĀL
230	1	10	04	2	1	CS	5.9		30	41		28		46	17	0			WĀU
180	6	30	02	2	7	Cu, CS	6.1		31	42		25		33	13	0			JUBA

HUMIDITY %
Mean of day

Station	on 30th	Diff. from normal
Alexandria	77	+11
Ezbekiya	49	-7
Giza	46	-4
Helwan		

GĪZA
GRASS MINIMUM TEMP.
on 31st 11.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE

FAROUK AIRPORT — On ... At ...

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

Khartoum AIRPORT — On 31st At 5h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950		26		130	18
900	969	33		60	12
850	1416	29		20	15
800	2015	24		20	10
700	3161	14		330	11
600					
500	5571	3		240	14
400	7583	-17			8
300	9672	-32		280	36

AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 30th

Station	Matruh		Alex. A.P.		Port Said		El Arish		Asyut		Luxor		Aswan		Dakhla		Hurghada		S. Barani		P. Said		Alex A.P.		Almaza	
Time	15		14		14		14		14		14	15	14		14		14		14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	17	80	11	50	15	50	75	290	15	20	3	320	5	360	18	110	6	30	16	60	21	20	5	340	8
600	30	11	70	19	60	12	40	40	280	10	20	5	20	4	10	25	180	14	350	17	100	24	80	19	350	11
1000	60	13	80	18	60	12	40	30	280	18	360	3	330	5	20	43	250	10	360	14	90	28	60	15	60	3
1500	60	15			80	9	60	16	280	23	350	13	330	5			260	23	80	5	40	19	60	15	150	7
2000	130	20			90	10											260	23	130	20	20	16				
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 31st

Station	Sīdi Barāni		Matrūh		Alex. Airport		Port Sa'īd		El 'Arīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghada		Almaza	
Time	8		5				2		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	330	21	330	17			80	22	200	6			270	11	320	10	210	1					320	2
600	340	21	340	13			90	25	200	[illegible]			310	6	280	13	320	2					220	2
1000			340	18			100	18	220	16			240	6	260	14	60	5					210	7
1500			350	15			100	22	220	16			240	8	220	13	120	28					160	4
2000													190	10			140	21						
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		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			330	10	310	19	360	3	20	16														
600			320	9	320	17	340	7	50	20													180	21
1000			330	11	320	25	350	5	80	28					80	12			270	17			160	29
1500			330	18			350	4	90	14					20	15			250	1			170	21
2000			320	21			150	13	30	9														
3000							190	12	220	15					340	5			40	6			230	1
4000																			10	4				
5000																								
6000																								
7000																								
8000																								

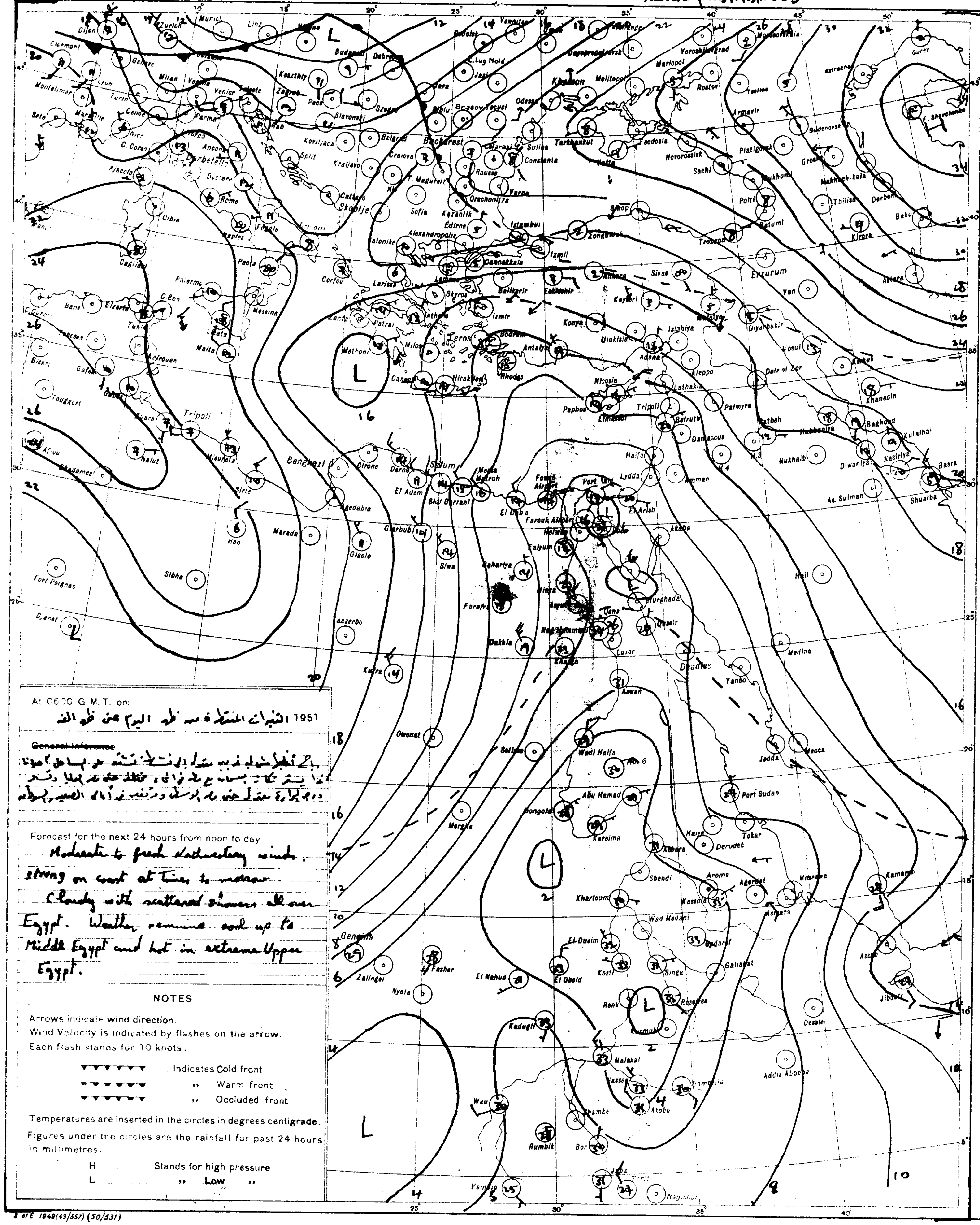
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 949 (49/35...) (50/...)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 31.3.1953



At 0600 G.M.T. on: 1951 النشرات المنتظرة من ظهر اليوم حتى ظهر الغد

~~General Inference~~

[illegible]

[illegible]

[illegible]

Forecast for the next 24 hours from noon to day

Moderate to fresh Northwesterly winds. strong on coast at times tomorrow

Cloudy with scattered showers all over Egypt. Weather remains cool up to Middle Egypt and hot in extreme Upper Egypt.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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	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

Eng. Complete March 1953

LIBRARY
MAY 8 1953
WEATHER BUREAU

CAIRO
Time of Sunrise 03 45 G. M. T.
" " Sunset 16 13 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 1st April, 1952 3

At 1200 on Tuesday 31st March,

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	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	03	2	7	Cu, AC	12.6	18	46	6
	303	SÎDI BARÂNI	320	13	15	03	1	5	Cu	11.7	18	73	13
	306	MATRÛH	300	8	14	02	2	7	NS, AC	10.3	16	72	11
	309	EL DABʿA	340	12	35	01	1	3	Cu	8.0	19	52	9
		ALEXANDRIA	360	20	50	01	1	2	AC	7.9	18	83	15
	318	F[illegible] (Airport)	360	14	14	02	0	3	St	7.6	20	73	15
	330	DAMIETTA	20	5	35	03	1	4	AC	5.5	21	74	16
	333	PORT SAʿÎD	40	4	11	03	1	7	AC	5.2	19	83	16
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	7.4	23	65	16
	342	MANSURA	320	5	35	03	2	4	AC	6.7	26	55	16
	348	TANTA	00	0	35	03	2	6	Cu	6.7	26	55	16
	354	ZAGAZIG	40	1	50	03	1	8	Cu	5.8	24	61	16
	440	ISMAʿILIA	270	9	35	02	2	8	AC	6.0	24	54	14
Cairo Area	366	Cairo (Airport)	250	14	5	05	1	8	AS	6.8	24	47	12
	372	ALMAZA	260	16	10	03	2	8	AS	7.2	24	47	12
		EZBEKIYA			14	03	1	8	AC	6.7	24	54	14
		GIZA			14	03	1	8	AC	6.7	24	54	14
	378	HELWÂN	200	11	50	01	1	3	AS	7.5	24	61	16
Upper Egypt	381	FAIYÛM	360	4	35	03	2	8	NS	7.6	24	54	14
	387	MINYA	300	9	8	03	6	7	AC	7.4	26	40	11
	393	ASYÛT MANQABÂD	320	12		21	6	8	AS	7.5	25	42	11
	399	NAGʿ HAMMADI	320	2		03	2	8	SC, AC	7.1	29	35	12
	402	QENA	280	3	35	02	1	5	AS	5.3	35	23	11
	405	LUXOR	260	11	18	02	2	8	CS	4.4	34	18	6
	414	ASWÂN	340	8	7	95	9	8	Cu	3.9	38	24	14
Oases	417	SIWA	300	15	14	03	0	3	Cu	13.2	22	31	4
	420	BAHARIYA	320	2	35	03	5	7	AC	4.8	23	57	14
	423	FARAFRA	320	25	15	01	3	7	AC, Cc	11.6	24	32	6
	432	DAKHLA	320	28	3	38	3	0	—	10.2	25	34	8
	435	KHARGA	340	4	7	02	2	8	AC	7.0	30	21	5
Red Sea	450	SUEZ	180	2	50	03	5	8	Sc	5.5	26	48	14
	459	TOR	140	9	15	05	2	8	Ac	4.4	26	74	21
	462	HURGHADA	100	11	30	95	6	6	As	5.1	26	70	20
	465	QUSEIR	20	9	15	03	2	8	AS	5.1	26	70	20
	641	PORT SUDAN	40	10	30	02	2	2	Cu	6.2	29	79	25
North Sudan	600	WÂDI HALFA											
	650	ABU HAMAD											
	660	KAREIMA	250	4	30	02	2	4	Cu, CS	998.0	45	6	0
	680	ATBARA	270	4	30	02	1	5	Cc	998.5	43	7	0
	721	KHARTUM	90	6	30	02	9	5	Cc	997.9	42	12	7
	750	KASSALA	20	4	30	01	2	3	AC	997.2	42	10	4
Central Sudan	711	WAD MEDANI											
	301	RENK	130	9	35	02	0	5	AC		42	34	23
	302	ROSEIRES	330	5	35	02	0	2		997.8	42	24	17
	771	EL OBEID	200	5	30	02	2	7	Sc, Cu	998.3	38		
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	180	8	30	03	2	7	Cu, AC	999.8	40	20	13
	880	WAU	200	9	10	04	1	7	Cu	0.6	39	24	15
	941	JUBA	130	7	30	03	2	8	Cu, CS	0.1	40	17	11

At 1800 on Tuesday 31st March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALÛM	320	10	15	01	1	2	Cu	11.9	15	48	4	0
SÎDI BARÂNI	320	14	14	02	1	4	Cu, Sc	11.6	15	77	11	0
MATRÛH	280	5	12	03	1	3	Cu	10.5	15	82	12	0
EL DABʿA	320	7	7	02	1	4	Cb	9.7	15	77	11	0
ALEXANDRIA	310	19	15	02	2	3	Sc	8.7	16	77	12	0
F[illegible] (Airport)	320	11	12	01	1	2	Sc	8.9	16	88	14	0
DAMIETTA	270	5		01	0	1	AS	7.4	18	83	15	0
PORT SAʿÎD	280	15	10	60	8	7	AS	6.1	20	78	16	dr.
EL ʿARISH	00	0	10	21	6	8	Cu, Sc	7.5	21	74	16	0.2
DAMANHUR	360	9	15	02	0	0	—	8.7	17	88	15	0
MANSURA	360	5		03	2	4	AC	7.8	18	83	15	0
TANTA	00	0	35	03	2	8	AS	8.3	17	88	15	0
ZAGAZIG	00	0	35	01	2	4	Cu	8.3	19	83	16	0
ISMAʿILIA	290	2	35	03	6	8	AC	7.8	21	74	16	dr.
Cairo (Airport)	290	10	10	50	5	4	AC	9.0	19	73	14	dr.
ALMAZA	310	4	12	02	6	6	AC	9.2	20	69	14	dr.
EZBEKIYA	270	8	10	50	5	6	Cu, Sc	8.9	21	61	13	dr.
GIZA	270	8	10	50	5	6	Cu, Sc	8.6	19	73	14	dr.
HELWÂN	270	5	3	17	5	5	Ac, Cc	9.1	20	64	13	dr
FAIYÛM	00	0	35	01	1	4	AS	8.4	20	73	15	0
MINYA	290	5	8	01	6	4	AC	9.5	20	56	11	dr.
ASYÛT MANQABÂD	300	6	6	02	6	7	AS	8.7	21	50	10	dr.
NAGʿ HAMMADI	320	2		02	1	7	Cb, AS	8.6	25	42	11	0
QENA	270	3	7	03	2	8	AS	7.0	27	33	9	0
LUXOR	340	10	12	02	2		AS	6.4	27	33	9	0
ASWÂN	340	10	15	03	2	6	Cu	5.3	35	23	11	Rain
SIWA	340	10	10	02	1	3	Sc, Cu	13.9	19	40	5	0
BAHARIYA	270	2	15	02	2	1	Cu	10.8	19	37	4	dr
FARAFRA	320	21	15	02	2	7	Sc	11.6	21	20	-3	0
DAKHLA	320	26	15	32	3	0	—	10.5	22	36	6	0
KHARGA	320	6	7	02	8	8	Sc, Cu	8.4	23	44	10	dr
SUEZ	40	4	15	02	5	8	St	7.1	22	65	15	5
TOR	90	5	15	13	2	8	AC	5.8	24	84	21	0
HURGHADA	170	5	8	01	6	6	St	5.8	24	69	18	dr.
QUSEIR	40	19	15	01	1	4	AC	5.8	24	79	19	0

At 0600 on Wednesday 1st April, 1953

Wind 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.	Station
270	19	15	03	2	6	Cu, Sc	11.2	-4.1	11	19	-4	9	-3	63	4	0	37		SALUM
270	13	14	80	8	7	Cu, Sc	10.6		13	18		10		77	9	0.3	108		SÎDI BARÂNI
240	16	18	01	1	3	Cb, AC	9.8	-5.8	13	17		10		67	7	0.2	51		MATRÛH
270	12	15	01	1	1	Cu	10.2		14			10		67	8	0	88		EL DABʿA
220	14	50	03	6	8	Cb	12.6	-4.5	13	20	-2	12	-2	88	11	10	126	181	ALEXANDRIA
250	5	4	86	8	8	Cb	10.3	-5.9	13	20	-1	13	+1	94	12	2	117	137	F[illegible] (Airport)
200	5	7	02	0	1	AC	10.3	-4.6	15	22	+1	12	0	88	13	0	55	101	DAMIETTA
240	18	11	01	1	1	Cu, AC	10.3	-5.8	16	22	+2	15	+1	77	12	0.1	61		PORT SAʿÎD
																			EL ʿARISH
270	13	15	02	1	1	Cu	10.4	-4.8	16	24	-1	12	+1	68	10	0	Rain	94	DAMANHÛR
220	9	15	03	2	5	Cu	10.8	-4.6	15	28	+3	12	+1	77	11	0	48	48	MANSÛRA
220	8	35	01	1	4	Cu	11.1	-4.3	15	27	+1	11	+1	77	11	0	18	35	TANTA
00	0	35	02	1	2	Cu	11.0	-4.3	16	26	0	13	+3	77	12	0	29	25	ZAGAZIG
270	2		01	1	3	AC	11.2		16	27		14		77	12	0	32		ISMAʿILIA
250	9	10	02	2	5	Sc	11.5		14	25		13		82	11	0	7		Cairo (Airport)
240	5	12	02	2	7	Sc	12.0	-4.3	14	25	0	13	+1	82	11	dr.	8		ALMÂZA
280	2	10	01	1	1	Sc	11.8	-3.6	15	25	-2	14	+2	72	10	dr.	15	23	EZBEKIYA
280	2	10	01	1	1	Sc	12.0	-3.7	17	25	-1	12	+3	68	11	dr.	43	22	GIZA
270	8	15	01	1	2	Cu	12.7	-2.5	13	25	-1	12	-1	77	9	dr	3	25	HELWÂN
360	4	35	02	0	0	—	13.3	-2.3	16	25	-2	12	+1	68	10	1	14	7	FAIYÛM
320	6	10	02	2	0	—	13.2	-3.5	17	27	0	14	+5	68	11	dr.	1		MINYA
320	7	8	60	8	4	AC	13.4	-1.5	17	27	-1	14	+3	64	10	dr.	2		ASYÛT MANQABÂD
290	1		03	2	8	Cu, As	12.8	-1.4	18	30	+1	14	+3	52	8	0.2	0.3		NAGʿ HAMMÂDI
290	2	15	03	2	8	Cs	12.8	-1.1	18	36	+3	17	+3	60	10	dr.	2		QENA
00	0	30	02	6	8	St	12.1	-1.9	18	36		16		73	13	0.3	1		LUXOR
340	6	50	25	8	8	Cu	11.6	-1.8	16	40	+7	16	-1	77	12	2	2		ASWÂN
280	9	14	00	0	0	—	15.9	-0.7	13	23	-4	10	0	72	8	0	2	7	SÎWA
320	2	35	02	1	1	Cu	14.6	-1.4	15			11	0	88	13	dr	dr.	7	BAHARÎYA
320	8	35	00	1	0	—	16.2		16	25		10		49	5	0	0		FARAFRA
340	26	35	01	0	1	Ci	16.0	+1.0	17	26	-5	13	+1	52	7	0	0		DAKHLA
360	2	15	02	2	7	Sc, Cu	12.8	-0.3	19	30	-1	18	+5	23	-3	dr	dr		KHARGA
310	2	35	00	0	4	Sc	10.7	-4.6	17	27	+1	8	-6	68	11	8	52	15	SUEZ
310	5	15	02	2	8	AC	10.2	-3.2	21	28	+2	19	+4	74	16	15	Rain	13	TÔR
290	15	14	02	2	8	Sc, Cu	10.0	-4.6	21	27	+4	20	+6	74	16	dr.	7		HURGHADA
230	2	15	50	5	8	Sc, Cu	10.0	-3.1	22	26	0	22	+4	74	17	9	17	4	QUSEIR
00	0	10	05	2	7	Sc	6.7		27	30		23		79	23	0			PORT SUDÂN
350	18	5	81	8	8	Sc, AC	12.6		19	41		18		56	10	dr.			WÂDI HALFA
360	19		35	3	9				29	43		27		22	5	0			ABU HAMAD
340	24	0.5	32	3	1	AC	6.4		29	45		26		20	4	0			KAREIMA
160	2	30	03	1	5	AC	3.8		31	44		25		36	14	0			ATBARA
310	18	1.6	06	1	4	AC, Cc	5.6		29	45		28		20	4	0			KHARTUM
180	7	30	02	1	3	AC	3.0		34	45		28		30	14	0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
340	18	2	07	1	6	AC, CS	7.1		29	42		28		25	7	0			EL OBEID
00	0	30	02	2	8	AC			25	40		23		39	10	0.1			EL FÂSHER
																			GENEINA
230	4	30	21	6	7	AC	7.7		31	43		29		43	17	dr.			MALAKÂL
																			WÂU
230	5	30	02	2	8	Cb, AC	8.3		31	41		26		55	21	0			JUBA

HUMIDITY % Mean of day

Station	on 31st	Diff. from normal
Alexandria	87	+21
Ezbekiya	57	0
Giza	72	+12
Helwan	70	+26

GIZA
GRASS MINIMUM TEMP.
On 1st April 10.8 °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

Cairo AIRPORT — On 31st At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	22		220	18
950					
900					
850	1447	8		220	30
800					
700	3017	-3			
600					
500	5622	-18			
400	7250	-31			
300	9234	-43			

AIRPORT — On At

Pressure 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 March,

Station	Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		S.Cuwani					
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	300	13	340	13	220	14	280	21	220	18	340	10	300	28	310	14	340	28	320	13	340	27				
600	320	16	340	3	220	23	260	29	220	26	300	15	310	56	310	12	340	17	320	14						
1000	320	15	350	11	230	19	250	30	240	26	300	16			310	12	330	24								
1500	300	10	360	12	220	45			230	34	310	24														
2000	290	10									310	24														
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

Note: All times are G.M.T.

UPPER WIND OBSERVATIONS on 1st April,

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra	
Time	8		8		8		8				7 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	300	24	280	11	250	12	260	22			230	14	290	8	310	10							310	9
600	300	24	280	12			240	29			240	20	280	12	300	10							310	9
1000	310	19					240	32			230	27	280	11	310	13							330	14
1500	330	23					240	29			250	17	280	23	280	26							330	17
2000													260	40									330	23
3000																							320	21
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	
Height m.	Dir.	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	15	360	25	340	10																
600			290	14	350	19	340	15			360	35											210	5
1000			270	23	340	20	340	19			10	21							290	15			140	15
1500			280	28			310	13			140	8							290	26			170	9
2000																			290	23			210	9
3000											180	19							240	12			[illegible]0	13
4000																							230	13
5000											220	27												
6000											240	21												
7000																								
8000																								

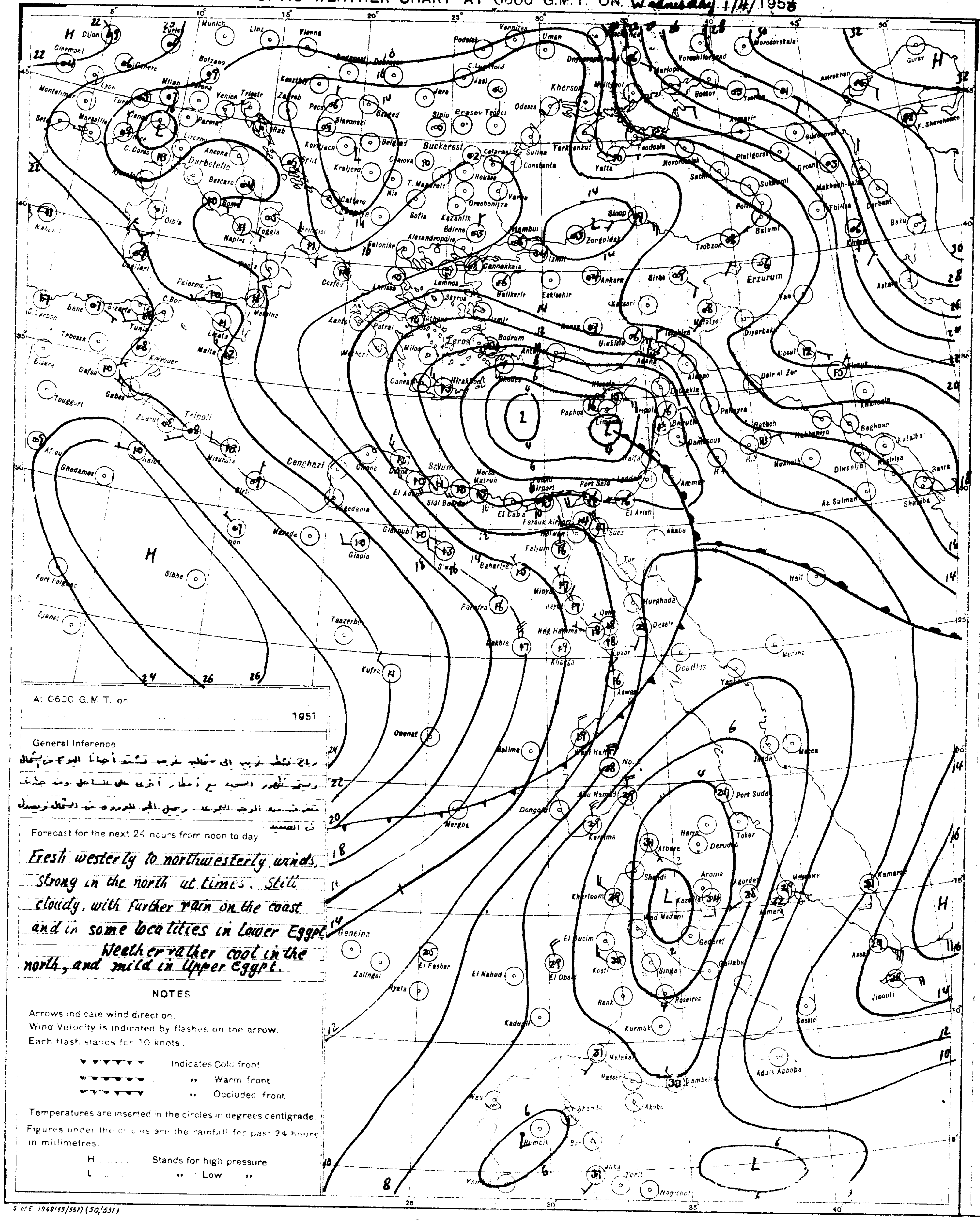
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

LIBRARY

Printed by the Survey of Egypt 1949 149,551 (50/547)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 1/4/1953



At 0600 G.M.T. on

1951

General Inference

رياح تنطلق غربية إلى شمالية غربية تشتد أحياناً اليوم في الشمال

ويستمر ظهور السحب مع أمطار أخرى على الساحل وفي جهات

متفرقة من الوجه البحري ويميل الجو للبرودة في الشمال ويعتدل

في الصعيد.

Forecast for the next 24 hours from noon to day

Fresh westerly to northwesterly winds, Strong in the north at times. Still cloudy, with further rain on the coast and in some localities in Lower Egypt. Weather rather cool in the north, and mild in Upper Egypt.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	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 44 G.M.T.
" " Sunset 16 14 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 2nd April, 1952

At 1200 on Wednesday 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	290	24	35	03	9	6	Cu, Ci	10.8	18	37	3?
	303	SIDI BARANI	300	14		02	1	4	Cu, Ci	10.8	18	68	12
	306	MATRUH	300	23	14	07	3	7	Cu, Cs	10.6	18	60	10
	309	EL DABA	320	12	35	03	2	6	Sc	9.7	17	52	7
		ALEXANDRIA	270	20	50	01	2	3	Sc	10.3	18	60	10
	318	~~FAYID~~ (Airport)	270	12	14	01	8	2	Cu	10.2	18	60	10
	330	DAMIETTA	200	5	35	03	1	3	Cu	9.8	21	41	7
	333	PORT SA'ID	240	22	18	02	0	4	Cu	9.6	22	41	8
	336	EL 'ARISH	290	5	30	01	2	3	Cu	9.9	21	57	12
Lower Egypt	339	DAMANHUR	230	13	15	02	1	1	Cu	10.3	21	33	4
	342	MANSURA	220	13	35	02	1	3	Cu	10.3	21	41	7
	348	TANTA	230	13	35	03	2	5	Cu	10.3	20	41	6
	354	ZAGAZIG	220	2	50	03	1	4	Cu	10.1	22	44	9
	440	ISMA'ILIA	270	9	35	03	1	5	Cu	10.4	22	36	6
Cairo Area	366	~~CAIRO~~ (Airport)	270	28	12	01	2	3	Cu	11.7	21	35	5
	372	ALMAZA	29	22	30	01	2	5	Cu	11.8	21	38	6
		EZBEKIYA			18	03	0	3	Cu	10.6	22	29	3
		GIZA			18	03	0	3	Cu	11.0	22	29	3
	378	HELWAN	250	19	15	03	1	4	Cu	11.2	21	26	1
Upper Egypt	381	FAIYUM	360	9	35	01	1	2	Cu, Sc	12.3	23	24	1
	387	MINYA	270	14	12	03	2	2	Cu	12.8	24	22	1
	393	ASYUT MANQABAD	280	14	30	00	1	0	—	12.9	24	11	-9
	399	NAG' HAMMADI	00	0	7	02	0	5	Sc, Ac	11.6	25	34	8
	402	QENA	270	3	50	01	2	6	Ac	11.4	25	34	8
	405	LUXOR	330	8	30	01	2	5	Sc, Cu	11.2	25	36	9
	414	ASWAN	20	4	50	03	2	6	Cu	10.7	23?	44	10
Oases	417	SIWA											
	420	BAHARIYA	270	4	35	02	1	3	Ac	12.6	22	29	3
	423	FARAFRA	290	35	7	32	3	4	Cu	15.9	22	21	-1
	432	DAKHLA	320	26	15	35	3	0	—	14.8	23	32	5
	435	KHARGA	20	2	15	00	0	0	—	13.0	26	13	-5
Red Sea	450	SUEZ	220	8	50	01	0	3	Cu	10.7	24		
	459	TOR	360	5	35	01	2	4	Ac	9.8	25	54	15
	462	HURGHADA	360	13	30	02	6	6	Sc	10.2	22	65	15
	465	QUSEIR	360	5	15	50	5	8	Sc, Cu	10.2	23	65	16
	641	PORT SUDAN											
North Sudan	600	WADI HALFA	360	18	05	06	8	8	Sc, Ac	12.0	22	20	-2
	640	ABU HAMAD	360	17	11	31	3	9			33	23	9
	660	KAREIMA	330	23	05	32	3	1	Ac	7.4	31	28	10
	680	'ATBARA	340	12	2	07	0	3	Ac, Cc		39	16	7
	721	KHARTUM	310	15	47	06	2	7	Cs	3.3	36	15	6
	730	KASSALA	230	6	30	03	2	7	Ac	998.2	43	12	8
Central Sudan	751	WAD MEDANI	360	24?		02	2	8	As	14	40	14	8
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	00	0	30	02	2	8	Cu, Ac, Cs		34	36	17
	770	GENEINA	50	7	15	05	0	2	Cu, Ci		33	23	9
S. Sudan	840	MALAKAL	230	7	30	03	2	7	Cu, Ac	2.8	38	27	16
	880	WAU											
	941	JUBA	360	4	30	15	2	8	Cb, Ci	4.2	35	39	19

At 1800 on Wednesday 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	290	24	15	00	0	0	—	11.5	15	68	9	dr.
SIDI BARANI	300	14	14	02	0	2	Sc	11.8	15	77	11	0.1
MATRUH	280	14	14	01	8	0		10.9	14	72	9	0.3
EL DABA	320	10	7	01	1	1	Cu	10.5	15	68	9	0
ALEXANDRIA	270	13	35	02	2	3	Cu	10.3	15	68	9	0
~~FAYID~~ (Airport)	270	5	12	01	8	3	Sc	10.5	13	88	11	4
DAMIETTA	220	5		01	0	0	—	11.1	15	68	9	0
PORT SA'ID	330	11	15	02	1	5	Cu	11.2	18	52	8	0
EL 'ARISH	00	0	14	02	5	3	Sc	10.9	16	77	12	dr.
DAMANHUR	310	9	15	02	1	1	Cu	11.5	13	67	7	0
MANSURA	270	5		00	1	0	—	11.1	16	59	8	0
TANTA	270	5	35	03	2	5	Cu	11.8	15	77	11	0
ZAGAZIG	00	0	35	02	1	0	—	11.5	15	59	7	0
ISMA'ILIA	270	2	35	02	0	0	—	11.1	17	42	4	0
~~CAIRO~~ (Airport)	250	14	10	02	2	2	Cu	12.4	18	37	3	0
ALMAZA	280	14	12	01	1	2	Cu, Sc	12.6	16	49	5	0
EZBEKIYA	270	3?	10	00	1	0	—	12.2	19	40	5	0
GIZA	270	3?	10	00	1	0	—	12.0	16	45	4	0
HELWAN	250	8	7	01	1	0	—	13.0	17	34	1	0
FAIYUM	00	0	35	01	0	0	—	12.4	17	52	7	0
MINYA	300	2	8	02	0	0	—	13.8	16	36	1	0
ASYUT MANQABAD	290	6	12	02	0	0	—	14.6	17	28	-2	0
NAG' HAMMADI	00	0		01	0	3	Ac	13.8	18	52	8	dr.
QENA	270	2	7	02	2	6	Ci	13.5	21	26	1?	0
LUXOR												
ASWAN	340	6	15	01	1	2	Ci	13.4	20	46	8	0
SIWA	280	6	8	23	6	4	Sc, Cu	15.2	17	49	6	Rain
BAHARIYA	320	2	15	02	0	0	—	14.4	17	52	7	0
FARAFRA	290	15	15	00	0	0	—	16.6	17	26	-3	0
DAKHLA	340	15	15	00	0	0	—	15.8	18	37	3	0
KHARGA	00	0	15	00	0	0	—	14.6	19	23	-3	0
SUEZ	220	8	15	01	0	0	—	11.9	20	33	3	0
TOR	40	9	15	02	1	0	—	11.5	21	57	12	0
HURGHADA	270	16	12	02	1	0	—	11.6	22	29	3	dr.
QUSEIR	20	5	15	01	1	0	—	11.4	22	74	17	2
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 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	270	19	15	00	0	0	—	12.7	-2.5	13	19	-4	10	-2	67	7	dr.	37	
SIDI BARANI	290	17	15	02	2	5	Sc	12.8		16	18		14		77	12	0.1	11	
MATRUH	260	17	14	02	0	2	NS	11.8	-3.8	14	19		11		77	10	0.3	51	
EL DABA	270	15	15	01	1	2	Cu	11.5		14	19		11		77	10	0	88	
ALEXANDRIA	270	24	35	03	2	7	Sc	10.8	-4.2	16	18	-5	12	-2	77	12	0	125	181
~~FAYID~~ (Airport)	270	18	14	02	2	7	Cu, Sc	10.8	-5.4	14	18	-3			88	12	4	121	137
DAMIETTA	200	5	7	03	1	5	Ac	10.8	-4.1	13	21	0	10	-2	94	12	0	55	101
PORT SA'ID	220	20	12	03	0	1	Ci	11.2	-4.8	14	22	+2	13	-2	77	10	0	61	
EL 'ARISH	230	15	18	01	1	0	—	11.4	-3.3	16	22		11		59	8	dr.	40	
DAMANHUR	230	19	15	02	1	7	Ac	11.8	-3.3	14	22	-3	12	+1	67	8	0	Rain	94
MANSURA	220	13	15	03	2	6	Ac	11.6	-3.7	15	22	-3	10	-1	65	8	0	48	48
TANTA	220	13	35	01	1	4	Sc, Cu	11.9	-3.5	13	22	-4	10	0	77	9	0	18	35
ZAGAZIG	00	0	35	02	1	6	Cu	12.4	-2.9	14	23	-3	10	0	77	10	0	29	25
ISMA'ILIA	250	13	35	03	1	2	Ac	12.6		15	22		11		68	9	0	32	
~~CAIRO~~ (Airport)	220	20	12	00	0	0		13.7		14	22		11		63	7	0	7	
ALMAZA	220	14	10	05	0	1	Ac	13.6	-2.7	14	22	-3	11	-1	63	7	0	8	
EZBEKIYA			10	03	0	3	Ci	13.2	-2.1	15	23	-4	12	0	59	7	0	15	23
GIZA			10	03	0	3	Ci	14.0	-1.7	16	23	-3	11	+1	56	7	0	43	22
HELWAN	180	11	7	02	0	0	—	13.6	-1.5	13	22	-4	10	-3	67	7	0	3	25
FAIYUM	360	4	35	02	0	0	—	14.8	-0.7	16	24	-4	10	-1	49	5	0	14	8
MINYA	270	5	10	02	0	0	—	16.6	0.0	15	24	-4	8	-1	52	5	0	1	
ASYUT MANQABAD	250	6	14	02	0	0	—	17.0	+2.2	17	24	-4	12	+1	28	-2	0	2	
NAG' HAMMADI	00	0		00	0	0	—	18.0	+3.9	16	26	-3	10	-1	42	3	0	0.3	
QENA	270	1	35	00	0	0	—	18.3	+4.5	21	28	-6	10	-4	33	4	0	2	
LUXOR	00	0	30	02	0	0	—	18.8	+4.9	19			13		43	6	0	1	
ASWAN	00	0	50	00	0	0	—	19.0	+5.7	18	24?	-10	12	-5	46	6	0	2	
SIWA	280	7	14	01	1	0	—	17.6	+1.1	13	22	-5	11	+1	77	9	Rain	Rain	8
BAHARIYA	270	2	35	02	0	0	—	16.0	0.0	16	23	-5	10	-1	49	5	0	dr.	7
FARAFRA	320	10	35	00	0	0	—	18.0		18	23		11		37	3	0	1	
DAKHLA	270	15	50	00	0	0	—	19.2	+4.3	14	24	-7	8	-4	36	-1	0	0	
KHARGA	00	0	7	00	0	0	—	19.0	+4.8	16	26	-5	10	-3	42	3	0	dr.	
SUEZ	220	8	35	00	0	0	—	14.7	-0.5	18	26	0	8	-6	52	8	0	52	15
TOR	270	9	35	02	0	0	—	15.8	+2.5	19			14	-1	52	9	0	Rain	13
HURGHADA	270	19	30	02	0	0	—	16.1	+1.5	20	23	0	15	+1	33	3	dr.	7	
QUSEIR	310	5	15	02	0	0	—	16.4	+3.4	19	24	-2	15	-3	37	4	"	11	4
PORT SUDAN	360	14	30	03	1	7	Sc	13.1		27	30		25		70	21	1		
WADI HALFA	360	8	30	02	0	1	Ci	19.0		17	25		13		28	-2	dr.		
ABU HAMAD	360	8	30	02	2	7	Ac			21	34		19		28	2	0		
KAREIMA	360	23	4	07	2	5	Ac	16.2		20	34		19		18	-5	0		
'ATBARA	340	15	10	61	6	7	Ac	12.5		23	40		22		29	4	dr.		
KHARTUM	320	16	30	02	6	7	Ac	14.1		23	37		21		24	1	dr.		
KASSALA	360	4	10	05	2	7	Ac, Cs	10.0		28	44		27		58	19	0		
WAD MEDANI	360	13	35	02	2	8	Sc	13.2		24	40		23		34	7	0		
RENK																			
ROSEIRES																			
EL OBEID	20	7	2	05	2	7	Ac	13.4		23	36		22		18	-3	dr.		
EL FASHER	20	3	30	01	2	7	Ac			21	35		21		35	5	0		
GENEINA	40	17	10	05	1	3	Ac, Ci			21	35		20		21	-2	0		
MALAKAL	00	0	30	61	9	8	NS	13.4		25	38		22		79	21	14		
WAU	90	6	10	04	2	7	Ac, Ci	10.7		28	35		25		58	19	0		
JUBA	00	0	30	03	1	8	Cu, Ac, Ci	12.1		26	36		21		40	11	0.6		

HUMIDITY %

Mean of day

Station	on 1st	Diff. from normal
Alexandria	74	+13
Ezbekiya	54	-3
Giza	54	-5
Helwan	54	+11

GIZA GRASS MINIMUM TEMP ON 2nd 7.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

~~Cairo~~ AIRPORT — On 1st At 1500

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	26		250	15
950					
900					
850	1469	9		250	25
800					
700	3037	-5		240	34
600					
500	5604	-21		220	52
400	7230	-26		230	61
300	9290	-32		230	65
200	12208	-43			

Khartoum AIRPORT — On 2nd At 0500

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		21		360	21
900	1007	21		360	21
850	1518	18		10	15
800	2036	17		320	9
700	3158	10		270	7
600	4416	2		270	24
500	5861	-6		240	21
400	7568	-17		270	25
300	9684	-32		300	44
200	12433	-52		270	53

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 1st

Station	S. Barani		Matruh		Helw (A.P.)		P. Said		El. Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga	
Time	14		14		14		14		14		15		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	31	300	33	290	7	260	15	350	7	20	21	280	23	290	24	280	17	360	9	290	43	330	27	350	15
600	300	35	300	29	280	7	270	13	280	15	10	25	280	21	300	26	280	16	350	10	290	38	330	19	350	19
1000	300	35	290	23			300	9	250	21	10	29	270	26	300	30	280	27	340	17	300	36	320	17	320	15
1500	310	29					310	12			10	12	260	18	290	33	300	4	310	25	290	24				
2000																	300	18			290	24				
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

Station	Sidi Barani		Matrûh		~~Helwan~~ Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farafra	
Time			8				8		8		7 15		8		8								8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			300	47			290	23	240	17	180	9	260	11	280	11							320	14
600			300	40			220	37	230	17	210	16	260	20	280	10							310	15
1000							220	40	260	27	240	23	270	16	260	6							320	14
1500							230	35			250	31	280	25	290	17							330	11
2000													270	30	300	22								
3000													260	30										
4000																								
5000																								
6000																								
7000																								
8000																								

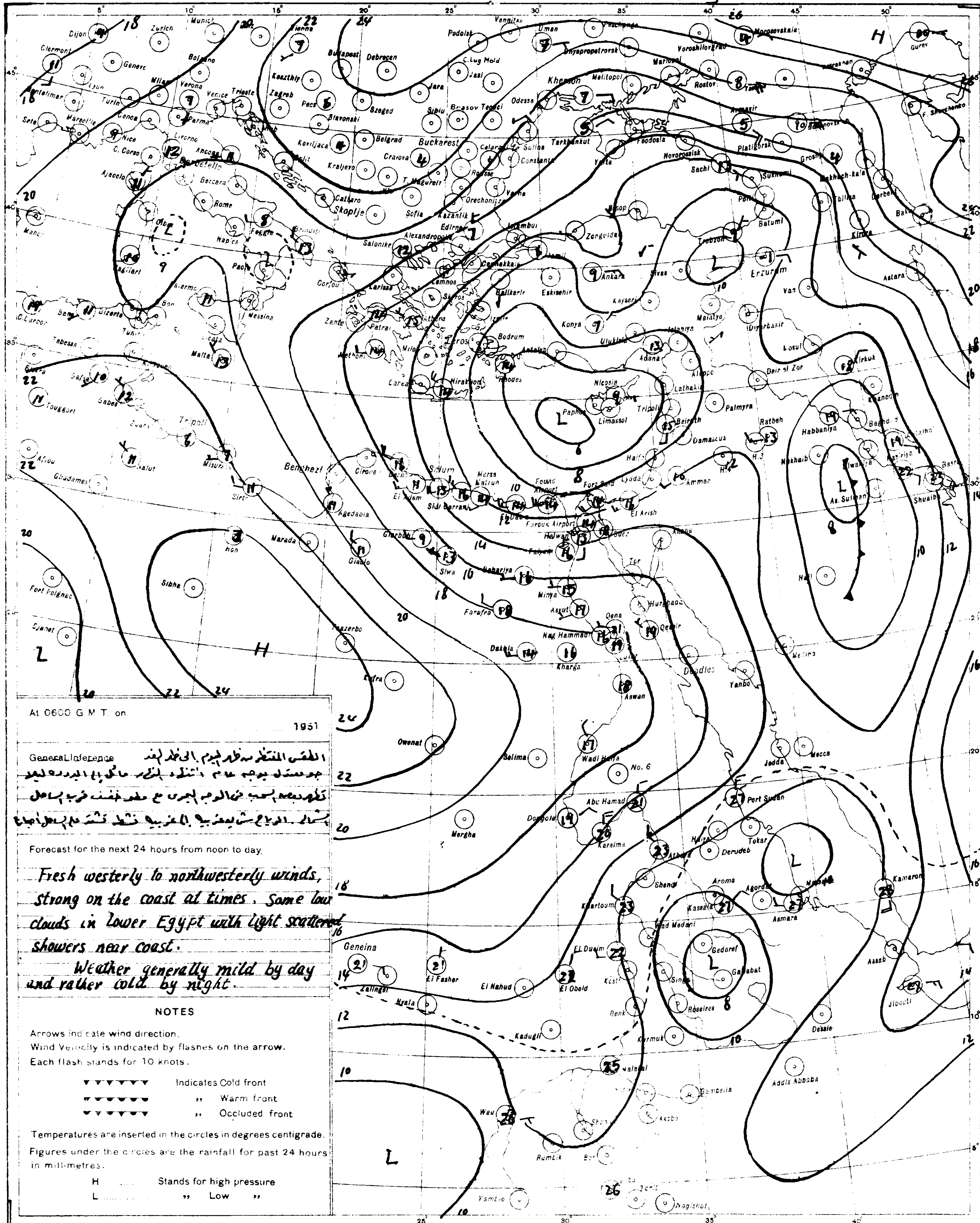
Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			8		8		8		5		4		4						4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			280	28	310	10	270	6	20	17														
600			280	48	310	19	300	12	10	21	360	36	10	29										
1000			270	25	310	23	310	19	260	21	10		10	30					10	17				
1500			270	42			330	16	340	11	35		360	16									330	
2000																							100	
3000											250	13	300	21									100	8
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 149,557 (50/531)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 2-4-1953*



At 0600 G.M.T. on 1951

General Inference

الطقس المنتظر من ظهر اليوم الى ظهر الغد
جو معتدل بوجه عام نهاراً وبارد نوعاً ما ليلاً
تظهر بعض السحب في الوجه البحري مع مطر خفيف قرب السواحل
رياح شمالية غربية الى غربية نشطة تشتد على السواحل احياناً

Forecast for the next 24 hours from noon to day.

Fresh westerly to northwesterly winds, strong on the coast at times. Some low clouds in Lower Egypt with light scattered showers near coast.

Weather generally mild by day and rather cold by night.

NOTES

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

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

Temperatures are inserted in the 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 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

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

CAIRO
Time of Sunrise 03 43 G. M. T.
" " Sunset 16 15 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 3rd April, 1952 3

At 1200 on Thursday 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	290	24	35	00	0	0	—	15.2	20	56	11
	303	SIDI BARANI	280	20	13	01	0	1	SC	14.1	18	68	12
	306	MATRUH	300	24	14	02	1	2	Cu	12.8	18	60	10
	309	EL DABA	290	19	35	01	1	1	Cu	12.7	19	52	9
		ALEXANDRIA	290	26	50	02	2	4	Cb	12.8	18	60	10
	318	FOUAH (Airport)	270	17	14	01	2	3	Cu	13.1	20	60	12
	330	DAMIETTA	290	9	3	03	6	8	SC	12.7	19	64	12
	333	PORT SA'ID	250	19	14	01	1	7	AC	11.9	18	64	11
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	270	13	15	02	1	1	Cu	12.6	21	57	12
	342	MANSURA	220	9	15	03	5	7	Cb	12.2	21	50	10
	348	TANTA	220	13	35	01	1	4	Cu	12.6	22	50	11
	354	ZAGAZIG	220	1	50	01	1	3	Cu	13.1	23	44	10
	440	ISMA'ILIA	270	13	35	03	1	3	Cu	12.4	22	36	6
Cairo Area	366	FARAG (Airport)	270	22	18	01	1	1	Cu	13.8	22	33	5
	372	ALMAZA	270	26	30	32	3	2	Cu	13.0	23	26	2
		EZBEKIYA	290	10	18	01	1	1	Ci	12.7	23	34	6
		GIZA	290	10	18	01	1	1	Ci	13.3	23	32	5
	378	HELWAN	270	17	35	02	0	0	—	13.3	22	16	-5
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	—	13.6	25	22	2
	387	MINYA	270	10	10	02	0	0	—	16.0	26	16	-2
	393	ASYUT MANGABAD	270	12	30	01	0	0	—	16.2	25	17	-2
	399	NAG' HAMMADI	250	1	7	00	0	0	—	16.3	26	30	7
	402	QENA	270	3	50	00	0	0	—	15.8	26	30	7
	405	LUXOR	270	10	30	02	0	0	—	15.7	25	19	0
	414	ASWAN	360	8	50	00	0	0	—	15.9	25	22	2
Oases	417	SIWA	280	11	14	00	0	0	—	17.5	24	19	-1
	420	BAHARIYA	270	9	35	02	0	0	—	16.5	23	32	5
	423	FARAFRA	290	27	35	00	0	0	—	18.2	25	18	-1
	432	DAKHLA	340	11	50	00	0	0	—	17.5	24	21	0
	435	KHARGA	320	3	7	00	0	0	—	16.0	25	22	2
Red Sea	450	SUEZ	220	10	50	03	0	2	Cu	12.6	24	21	0
	454	TOR	320	5	35	01	1	1	AC	13.9	24	61	16
	462	HURGHADA	270	12	30	03	0	1	Cu	14.1	26		
	465	QUSEIR	90	13	15	02	0	0	—	14.4	22	50	11
	641	PORT SUDAN	360	19	7	07	8	7	SC	12.0	27	62	19
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	360	9	10	07	2	7	AC		30	9	-6
	660	KAREIMA	360	14	30	02	2	7	AC	12.9	29	9	-7
	680	ATBARA	360	10	10	05	6	7	AC	9.3	31	29	11
	721	KHARTUM	360	10	30	02	2	7	AC, CS	9.9	32	15	2
	763	KASSALA	360	6	10	05	2	7	SC, AC	5.9	35	39	19
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	20	7	7	05	0	8	AS	12.3	27	17	0
	760	EL FASHER	100	4	10	05	2	7	AC, Ci		30	22	6
	770	GENEINA		7	15	05	0	0	—		31	22	7
S. Sudan	840	MALAKAL	80	11	10	61	5	8	AS, CS	11.2	24	79	20
	880	WAU	30	8	30	02	2	7	Cu, Ci	6.9	34	36	17
	941	JUBA	40	4	30	03	2	7	Cb, Ci	6.7	35	37	18

At 1800 on Thursday 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	290	19	15	00	0	0	—	14.8	16	59	8	0
303	SIDI BARANI	280	14	14	02	0	0	—	15.2	15	72	10	0
306	MATRUH	280	13	14	01	0	0	—	14.7	15	77	11	0
309	EL DABA	320	13	7	01	1	1	Cu	14.8	13	88	11	0
	ALEXANDRIA	270	21	35	01	2	3	Ci	14.6	15	77	11	0
318	FOUAH (Airport)	280	12	12	01	1	3	Sc	14.2	16	72	11	0
330	DAMIETTA	290	5		01	1	0	—	14.0	15	77	11	1
333	PORT SA'ID	310	8	12	02	0	1	Cu	13.2	17	68	11	dr.
336	EL 'ARISH												
339	DAMANHUR	270	9	15	02	1	1	Cu	13.9	16	59	8	0
342	MANSURA	320	5		00	1	0	—	14.4	16	68	10	dr.
348	TANTA	220	2	35	03	2	5	Sc, Cu	13.8	13	88	11	0
354	ZAGAZIG	00	0	35	02	1	0	—	13.4	15	68	7	0
440	ISMA'ILIA	290	5	35	01	0	0	—	14.2	18	46	6	0
366	FARAG (Airport)	290	0	10	00	0	0	—	14.8	18	52	8	0
372	ALMAZA	290	4	12	00	1	0	—	15.0	18	46	6	0
	EZBEKIYA	340	2	10	00	0	0	—	15.1	20	38	5	0
	GIZA	340	2	10	00	0	0	—	15.1	17	52	7	0
378	HELWAN	290	8	15	02	0	0	—	15.8	19	30	1	0
381	FAIYUM	00	0	35	02	0	0	—	15.8	18	46	6	0
387	MINYA	00	0	8	02	0	0	—	16.6	16	42	3	0
393	ASYUT MANGABAD												
399	NAG' HAMMADI	00	0		01	0	4	AC	17.1	18	52	8	0
402	QENA	270	1	7	00	0	0	—	17.0	20	46	8	0
405	LUXOR	00	0	12	02	0	0	—	17.1	19	49	8	0
414	ASWAN	360	6	50	00	0	0	—	15.6	22	21	-1	0
417	SIWA	170	2	15	02	0	0	—	16.6	18	46	6	0
420	BAHARIYA	00	0	15	00	0	0	—	18.8	17	34	1	0
423	FARAFRA	340	11	35	00	0	0	—	17.1	21	26	1	0
432	DAKHLA	00	0	15	00	0	0	—	16.0	20	24	-1	0
435	KHARGA	290	23	280	14								
450	SUEZ	00	0	15	01	0	0	—	14.4	21	26	1	0
454	TOR	140	2	15	02	0	0	—	15.2	21	74	16	0
462	HURGHADA	140	8	12	02	0	0	—	15.6	20	43	7	0
465	QUSEIR	180	5	15	02	0	0	—	16.3	22	50	11	0
641	PORT SUDAN												
600	WADI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	ATBARA												
721	KHARTUM												
763	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 3rd April, 1953

Index Number	Station	Wind 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	290	19	15	00	0	0	—	17.1	+2.0	15	21	-3	12	0	68	9	0	37	
303	SIDI BARANI	300	13	15	02	0	2	SC	16.1		16	19		14		68	10	0	109	
306	MATRUH	260	6	14	02	1	4	Cu	15.3	-0.2	15	20		11		77	11	0	51	
309	EL DABA	320	6	15	01	1	3	Cu	14.8		15	19		10		68	9	0	45	
	ALEXANDRIA	300	16	50	03	2	5	Cb	14.6	-0.3	15	19	-4	15	+1	77	11	0	125	181
318	FOUAH (Airport)	280	12	18	03	1	5	Cu, Sc	15.0	-1.2	16	20	-1	14	+2	72	11	0	122	137
330	DAMIETTA	200	5		03	1	5	Cu	15.1	+0.3	14	19	-2	9	-3	88	12	1	56	101
333	PORT SA'ID	230	18	12	02	0	0	—	15.0	-1.0	14	20	-1	12	-3	83	11	dr.	61	
336	EL 'ARISH																			
339	DAMANHUR	270	9	15	02	1	1	Cu	15.5	+0.4	15	22	-3	13	+2	68	9	0	Rain	94
342	MANSURA	220	9	15	00	0	0	—	16.0	+0.8	14	22	-3	9	-2	77	10	dr.	48	46
348	TANTA	220	2	35	02	0	0	—	15.4	+0.1	15	23	-3	9	-1	88	13	0	18	35
354	ZAGAZIG	00	0	35	02	0	0	—	15.9	+0.7	14	24	-2	9	-1	88	12	0	29	25
440	ISMA'ILIA	250	5	35	03	1	5	Cu	16.2		16	23		10		68	10	0	32	
366	FARAG (Airport)	250	10	12	00	0	0	—	17.8		14	24		11		77	10	0	7	
372	ALMAZA	230	9	14	01	1	2	Sc	16.4 ?	+0.1	14	24	-1	11	-1	77	10	0	8	
	EZBEKIYA	250	3	10	01	1	2	Ci	17.2	+1.9	16	24	-5	12	0	68	10	0	15	23
	GIZA	250	3	10	01	1	2	Ci	17.1	+1.5	17	24	-3	10	0	64	10	0	49	22
378	HELWAN	290	2	15	02	0	1	Cu	17.0	+2.0	13	23	-4	11	-2	77	9	0	3	25
381	FAIYUM	00	0	35	02	0	0	—	17.4	+2.0	16	26	-2	9	-3	59	8	0	14	8
387	MINYA	00	0	8	02	0	0	—	18.4	+1.8	16	26	-2	8	-2	42	3	0	1	
393	ASYUT MANGABAD	220	5	12	02	0	0	—	18.6	+3.9	18			12	+1	20	-5	0	2	
399	NAG' HAMMADI	00	0		00	0	0	—	18.8	+4.8	17	26	-4	9	-2	42	4	0	0.3	
402	QENA	270	1	35	00	0	0	—	19.1	+5.4	23	28	-6	10	-4	32	5	0	2	
405	LUXOR	180	4	30	02	0	0	—	18.6	+4.8	20	26		11		24	-1	0	1	
414	ASWAN	00	0	50	00	0	0	—	19.0	+5.8	20	26	-8	14	-3	41	6	0	2	
417	SIWA	00	0	14	00	0	0	—	19.8	+3.4	14			8	-2	52	4	0	Rain	8
420	BAHARIYA	270	2	35	02	0	0	—	18.0	+2.1	16	24	-4	9	-2	42	3	0	dr.	7
423	FARAFRA	200	5	35	00	0	0	—	19.8		14	25		8		36	-1	0	8	
432	DAKHLA	340	19	50	00	0	0	—	20.7	+5.8	15	25	-6	9	-4	30	-3	0	0	
435	KHARGA	00	0	15	00	0	0	—	19.8	+5.4	15	26	-5	9	-5	39	1	0	dr.	
450	SUEZ	130	3	35	00	0	0	—	16.8	+1.7	17	25	-1			52	7	0	45	15
454	TOR	40	2	35	02	0	0	—	17.1	+3.9	21	25	-1	12	-3	65	14	0	Rain	13
462	HURGHADA	210	11	30	02	0	0	—	17.4	+2.9	23	27	+4	13	-1	32	5	0	7	
465	QUSEIR	360	2	15	02	0	0	—	17.0	+4.0	20	26	0	16	-2	47	8	0	12	4
641	PORT SUDAN	330	8	30	02	2	6	SC, AC	16.6		24	28		22		61	16	dr.		
600	WADI HALFA	340	2	30	01	0	2	Ci	18.9		25	27		14		22	2	0		
640	ABU HAMAD	360	4	30	03	0	3	AC			20	31		15		18	-6	0		
660	KAREIMA	360	14	30	02	0	1	AC	16.3		20	30		17		16	-7	0		
680	ATBARA	360	16	10	07	1	2	AC	13.8		23	33		20		10	-11	0		
721	KHARTUM	20	14	30	01	2	6	AC	13.3		25	33		22		9	-10	0		
763	KASSALA	290	3	30	02	2	7	AC	11.3		27	36		25		58	18	0		
751	WAD MEDANI																			
801	RENK																			
802	ROSEIRES																			
771	EL OBEID	10	18	30	02	2	7	AC	13.9		23	29		22		8	-13	0		
760	EL FASHER	50	7	30	02	2	6	CS			22	31		17		19	-3	0		
770	GENEINA	40	15	30	01	1	2	Ci			21	34		19		17	-5	0		
840	MALAKAL																			
880	WAU	00	0	30	01	1	1	AC	10.5		26			25		62	18	dr.		
941	JUBA	20	3	10	04	2	3	Ci	10.2		27	36		21		58	18	0		

HUMIDITY

Mean of day

Station	on 2nd	Diff. from normal
Alexandria	82	+16
Ezbekiya	46	-11
Giza	51	-8
Helwan	46	+3

GIZA GRASS MINIMUM TEMP. ON 3rd 6.5 °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

Helwan Airport — On 2nd At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	120	22		260	17
950					
900					
850	1500	9		260	22
800					
700	3063	-3		280	28
600					
500	5665	-19		270	39
400	7275	-31		270	70
300	9270	-41			

On At Airport

On At Airport

UPPER WIND OBSERVATIONS on 2nd

Station	Port Said	Alex. A.P.	Inshas	S. Barani	Luxor	Kharga	Dakhla	Minya	Aswan	Asyut	Hurghada	Alex. A.P.	Almaza
Time	14	14	14	14	14	14	14	14	14	14	14	20	20
Height m.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.
300	280 23	280 11	300 31	300 35	270 8	310 14	300 23	280 14		280 16	80 8	280 12	
600	280 26	290 15	290 25	310 35	290 9	300 19	300 23	270 16		300 10		290 17	250 8
1000	270 31	280 17	280 23	310 38	300 12	300 20	290 23	270 20	320 10	280 10	300 12	290 20	280 7
1500	250 27			310 33	320 10	300 21	310 15	280 12	330 13	280 20			280 4
2000	250 30				310 13		310 6	270 35	300 30	280 20			250 8
3000					270 27								260 9
4000													
5000													
6000													
7000													
8000													

UPPER WIND OBSERVATIONS on 3rd

Station	Sidi Barani	Matruh	Helwan Airport	Port Said	El 'Arish	Helwan	Minya	Asyut Mangabad	Luxor	Aswan	Hurghada	Farafra
Time	8	4		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	310 21	300 21		240 20			240 7	270 2			330 20	300 4
600	320 17	310 22		260 24			210 3	10 4			20 15	300 4
1000		310 23		260 17			330 12	330 8			60 16	290 5
1500		310 17		260 23				280 10			60 14	290 6
2000				250 35				270 13			90 7	290 7
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	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		290 20	330 4	360 3								
600		280 20	310 5	340 8								30 19
1000		280 20	290 7	330 7						20 23	40 11	40 20
1500		270 7	290 8	340 9						70 17	80 4	40 26
2000		360 4		350 7						80 5		
3000		280 23								10 7	30 11	60 15
4000										340 9		
5000												
6000												
7000												
8000												

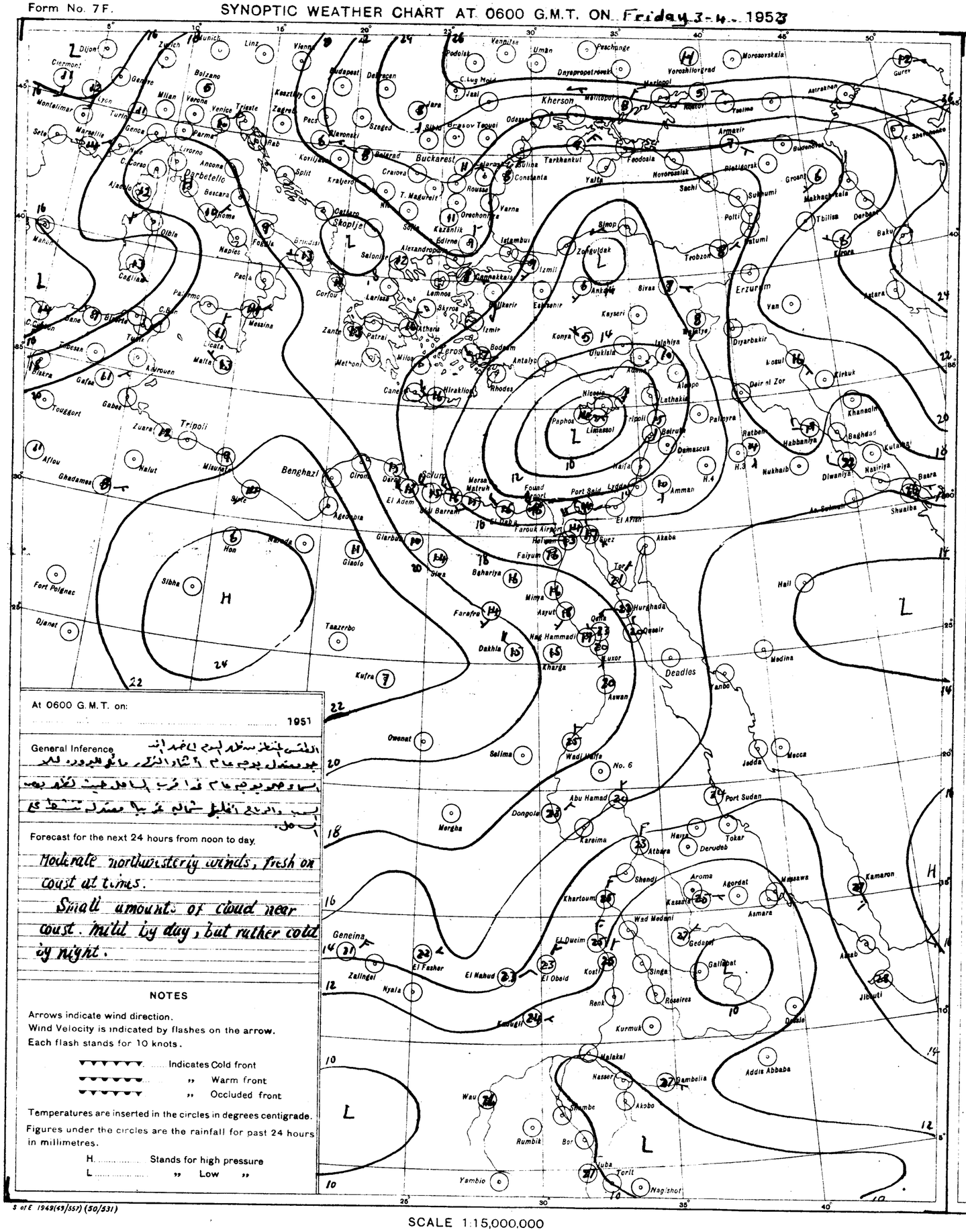
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/55) (50/531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 3-4-1953



At 0600 G.M.T. on:

..... 1951

General Inference

الطقس المنتظر سطوعه ليوم الاحد انه
جو معتدل بوجه عام اشتاد الرياح مائل للبرودة
بسواحل وجو بوجه عام قريب الى الحر حيث تكون
السحب والرياح اقل شدة غربية معتدلة نهارا
باردة ليلا.

Forecast for the next 24 hours from noon to day.

Moderate northwesterly winds, fresh on coast at times.

Small amounts of cloud near coast. Mild by day, but rather cold by night.

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front

▼▼▼▼▼▼ ..... " Warm front

▼▼▼▼▼▼ ..... " Occluded front

Temperatures are inserted in the 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 42 G. M. T.
" " Sunset 16 15 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 4th April, 1952 3

At 1200 on Friday 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	–	18.4	20	33	3 ?
	303	SÎDI BARÂNI	320	15	15	02	0	3	Sc	17.2	18	68	12
	306	MATRÛH	300	16	18	01	0	1	Cu	16.3	18	60	10
	309	EL DABA	320	9	35	01	1	2	Cu	15.9	18	60	10
		ALEXANDRIA	270	16	50	01	2	4	Cu	15.9	18	60	10
	318	FOUAD (Airport) Alex	280	14	18	03	1	5	Cu, Sc	[illegible]	19	64	12
	330	DAMIETTA	360	5	15	02	1	5	Sc	[illegible]	18	60	10
	333	PORT SA'ÎD	330	12	30	03	1	6	Sc	[illegible]	21	50	10
	336	EL 'ARISH	290	7	18	02	1	1	Cu	15.0	18	64	11
Lower Egypt	339	DAMANHUR	270	9	15	02	1	1	Cu	15.8	20	56	11
	342	MANSURA	270	5	35	03	2	4	Cu	14.7	22	44	9
	348	TANTA	220	13	35	01	1	4	Cu	15.1	23	44	10
	354	ZAGAZIG	00	0	50	02	0	0	–	15.5	24	38	9
	440	ISMAÎLIA	290	5	35	03	1	6	Cu	15.4	22	44	9
Cairo Area	366	FAROUK (Airport) Cairo	250	16	18	02	1	1	Cu	16.5	22	38	7
	372	ALMÂZA	270	16	30	02	1	1	Cu	16.6	22	29	3
		EZBEKIYA			18	00	0	0	–	16.5	24	34	7
		GÎZA			18	00	0	0	–	16.7	23	32	5
	378	HELWÂN	270	16	35	02	0	0	–	16.4 ?	22	21	-1
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	–	17.0	24	26	3
	387	MINYA	270	4	10	02	0	0	–	17.1	27	13	-4
	393	ASYÛT MANQABAD	220	6	30	02	0	0	–	16.6	26	14	-4
	399	NAG' HAMMADI											
	402	QENA	270	1	50	00	0	0	–	15.9	28	16	0
	405	LUXOR	260	7	30	02	0	0	–	15.7	27	17	0
	414	ASWÂN	340	5	50	00	0	0	–	14.8	27	15	-2
Oases	[illegible]	SIWA											
	[illegible]	BAHARIYA	270	2	35	02	0	0	–	17.8	25	28	5
	[illegible]	FARAFRA	270	15	35	00	0	0	–	19.5	25	17	-2
	[illegible]	DAKHLA	270	11	50	00	0	0	–	17.5	25	17	-2
	[illegible]	KHARGA	00	0	15	00	0	0	–	17.0	28	16	0
Red Sea	[illegible]	SUEZ	130	5	50	03	0	1	Cu	15.6	23	32	5
	[illegible]	TOR	220	5	35	02	0	0	–	16.4	27	33	9
	[illegible]	HURGHADA	20	10	30	02	0	0	–	16.0	25	36	9
	465	QUSEIR	20	5	15	02	0	0	–	16.0	24	47	12
	641	PORT SUDAN	40	14	30	02	2	1	Cu	13.4	27	58	18
Northern Sudan	[illegible]	WADI HALFA	10	13	30	02	0	2	Ci	14.7	28	14	-2
	[illegible]	ABU HAMAD	20	2	30	02	2	7	Ac, Cs		31	8	-8
	[illegible]	KAREIMA	40	9	30	03	1	7	Cs	12.1	40	5	-8
	680	ATBARA											
	721	KHARTUM		10	30	02	0	0	–	8.8			-1
	[illegible]	KASSALA		6	30	02	0	1	Cu	4.7	36	33	17
Central Sudan	[illegible]	WAD MEDANI	360	5	50	02	1	2	Ci	4.1	37	13	4
	[illegible]	RENK											
	[illegible]	ROSEIRES											
	771	EL OBEID	40	9	30	01	1	3	Ac	7.4	31	5	-14
	[illegible]	EL FASHER	90	4	30	02	2	0	–		31	2	7
	[illegible]	GENEINA	20	7	30	02	0	1	Ac		32	13	0
Southern Sudan	840	MALAKÂL	20	8	10	05	0	0	–	5.7	35	29	14
	880	WAU											
	941	JUBA	360	7	7	04	0	0	–	4.3	37	27	15

At 1800 on Friday 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	–	18.8	16	68	10	0
SÎDI BARÂNI	310	10	14	02	0	0	–	18.3	15	82	12	0
MATRÛH	280	8	14	02	0	0	–	18.3	14	82	11	0
EL DABA	320	6	7	00	0	0	–	17.7	14	77	10	0
ALEXANDRIA	310	15	35	00	0	0	–	17.8	15	68	9	0
FOUAD (Airport)	320	5	12	02	1	3	Sc	17.3	15	77	11	0
DAMIETTA	200	5	7	00	1	0	–	16.6	16	68	10	0
PORT SA'ÎD	290	16	14	02	0	0	–	16.2	16	68	10	0
EL 'ARISH	340	3	14	01	1	0	–	16.1	16	72	11	0
DAMANHUR	270	9	15	02	1	1	Cu	17.1	15	68	9	0
MANSURA	360	5		00	1	0	–	17.5	15	68	9	0
TANTA	360	2	35	01	1	4	Cu	17.2	14	77	10	0
ZAGAZIG	00	0	35	02	0	0	–	17.4	15	68	9	0
ISMAÎLIA	290	5	35	01	0	0	–	16.2	18	52	8	0
FAROUK (Airport)	00	0	12	00	0	0	–	17.2	18	43	5	0
ALMÂZA	20	3	12	00	1	0	–	16.8	18	46	6	0
EZBEKIYA	340	4	10	00	0	0	–	17.0	19	40	5	0
GÎZA	340	4	10	00	0	0	–	17.2	18	46	6	0
HELWÂN	340	7	7	02	0	0	–	17.0	18	37	3	0
FAIYÛM	00	0	35	02	0	0	–	17.2 ?	17	52	7	0
MINYA	320	2	8	02	0	0	–	16.4	18	30	0	0
ASYÛT MANQABAD	160	2	8	02	0	0	–	16.6	21	25	0	0
NAG' HAMMADI	00	0		00	0	0	–	16.6	18	52	8	0
QENA	270	1	7	00	0	0	–	17.2	19	37	4	0
LUXOR												
ASWÂN	00	0	50	00	0	0	–	16.2	23	18	-3	0
SIWA	270	4	8	00	0	0	–	18.6	19	30	1	0
BAHARIYA	270	2	15	02	0	0	–	18.0	18	37	3	0
FARAFRA	00	0	35	00	0	0	–	18.8	18	20	-5	0
DAKHLA	270	9	35	00	0	0	–	17.7	21	20	-3	0
KHARGA	00	0	15	00	0	0	–	17.5	22	16	-5	0
SUEZ	310	5	15	01	0	0	–	17.0	20	33	3	0
TOR	220	5	15	02	0	0	–	16.6	23	38	8	0
HURGHADA	00	0	12	02	0	0	–	16.4	18	52	8	0
QUSEIR	330	2	15	02	0	0	–	16.3	22	50	11	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Saturday 4th April, 1953

Station	Wind 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.
SALUM	320	13	15	00	0	0	–	18.4	+3.4	14	21	-3	11	-1	77	10	0	37	
SÎDI BARÂNI	310	10	14	03	0	1	St	18.5		16	19		13		77	12	0	109	
MATRÛH	280	12	18	02	0	0	–	17.6	+2.2	15	19		9		82	12	0.2	52	
EL DABA	270	10	15	01	1	3	Cu	17.4		14	19		9		88	12	0	95	
ALEXANDRIA	290	19	50	03	1	6	Cb	17.5	+2.6	16	19	-4	14	0	68	10	0	125	181
FOUAD (Airport) Alex	290	12	18	03	1	6	Cu	17.0	+0.8	16	19	-3	14	+2	77	12	0	122	137
DAMIETTA	200	5	7	03	0	1	Ac	17.2	+2.4	13	20	-1	12	-1	77	9	0	56	101
PORT SA'ÎD	220	15	10	03	0	1	Sc	17.3	+1.3	14	22	+1	12	-3	77	10	0	61	
EL 'ARISH	210	4	18	03	1	0	–	17.2	+2.7	16	22		12		64	9	0	46	
DAMANHÛR	270	9	15	02	1	3	Cu	17.4	+2.4	15	21	-4	12	+1	68	9	0	Rain	94
MANSÛRA	270	5	15	00	0	0	–	18.0	+2.8	14	23	-3	7	-4	77	10	0	48	48
TANTA	220	2	35	02	0	0	–	17.5	+2.3	13	23	-4	8	-2	88	11	0	18	35
ZAGAZIG	00	0	35	02	0	0	–	18.0	+2.8	13	25	-2	12	+2	82	10	0	29	25
ISMAÎLIA	250	2	35	01	0	0	–	18.3		15	23		8		68	9	0	32	
FAROUK (Airport) Cairo	00	0	10	02	1	4	Sc	18.2		14	23		10		77	10	0	7	
ALMÂZA	270	5	12	03	1	4	Cu, Sc	18.8	+2.6	15	23	-2	10	-2	72	10	0	8	
EZBEKIYA	280	1	10	01	1	4	Sc	18.5	+3.3	14	24	-3	11	-1	77	10	0	15	23
GÎZA	280	1	10	01	1	4	Sc	19.0	+3.5	15	24	-3	8	-2	72	10	0	43	22
HELWÂN	00	0	7	02	0	0	–	19.4	+4.4	13	23	-4	10	-3	77	9	0	3	25
FAIYÛM	360	4	35	02	0	0	–	19.5	+4.1	15	26	-2	9	-3	77	11	0	14	8
MINYA	360	6	8	02	0	0	–	19.3	+2.8	15	27	-1	8	-2	59	7 ?	0	1	
ASYÛT MANQABAD	00	0	12	02	0	0	–	19.3	+4.7	18	27	-1	13	+1	30	0	0	2	
NAG' HAMMADI	00	0		00	0	0	–	17.8	+3.9	16	29	-1	9	-2	56	7	0	0.3	
QENA	270	1	35	00	0	0	–	18.2	+4.5	20	30	-4	8	-6	33	3	0	2	
LUXOR	00	0	30	03	0	1	Ci	17.9	+4.2	20			9		23	-2	0	1	
ASWÂN	00	0	50	00	0	0	–	18.2	+5.0	20	28	-6	14	-3	33	3	0	2	
SIWA	00	0	14	00	0	0	–	21.4	+5.1	14	25	-3	7	-3	59	6	0	Rain	8
BAHARIYA	00	0	35	02	0	0	–	19.9	+4.0	16	25	-4	7	-4	68	10	0	dr.	7
FARAFRA	00	0	35	00	0	0	–	20.0		14	26		8		36	-1	0	1	
DAKHLA	340	11	50	00	0	0	–	20.2	+5.4	17	26	-6	9	-4	34	1	0	0	
KHARGA	00	0	35	00	0	0	–	19.4	+5.1	18	29	-3	11	-3	37	3	0	dr.	
SUEZ	40	5	35	00	0	0	–	18.6	+3.5	16	24 ?	-3	9 ?	-5	59	8	0	45	15
TOR	310	5	35	02	0	0	–	17.1	+3.9	21	30	+4	12	-3	57	12	0	Rain	13
HURGHADA	300	9	18	02	0	0	–	16.8	+2.4	20	25	+2	13	-1	41	6	0	7	
QUSEIR	330	2	15	02	0	0	–	16.4	+3.4	21	25	-2	17	-1	50	10	0	12	4
PORT SUDÂN	340	6	30	02	2	6	Sc	15.0		25	28		21		51	14	0		
WÂDI HALFA	30	2	30	01	0	0	–	17.8		18	29		11 ?		24	-3	0		
ABU HAMAD	360	7	30	01	0	1	Ac			20	31		17		7	-18	0		
KAREIMA																			
ATBARA	340	15	10	07	0	7	Sc	12.3		23	35		20		15	-5	0		
KHARTUM																			
KASSALA	340	2	30	02	0	6	Cs	5.9		29	37		23		49	17	0 ●		
WAD MEDANI																			
RENK	360	19	35	02	0	3	Ac			29	38		22		17	1	0		
ROSEIRES	310	2	35	02	1	3	Ac	8.8		30	38		26		27	9	0		
EL OBEID																			
EL FASHER																			
GENEINA																			
MALAKAL	20	14	30	01	2	5	Ac, Cc	9.8		28	36		23		23	6	0		
WAU	20	2	30	02	2	7	Ac	9.0		27	38		25		37	11	0		
JUBA	20	4	10	05	2	7	Ac, Cs	8.3		31	37		24		38	15	●		

HUMIDITY
Mean of day

Station	on 3rd	Diff. from normal
Alexandria	69	+3
Ezbekiya	50	-7
Giza	54	-5
Helwan	50	+7

GIZA
GRASS MINIMUM TEMP.
On 4th 45 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Cairo Airport — On 3rd At 1500

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	139	21		280	9
950					
900					
850	1517	10		290	18
800					
700	3096	1		250	23
600					
500	5719	-15			
400	7359	-29			
300	9309	-45			

Khartum Airport — On 4th At 0500

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		35		30	27
900	1018	23		20	21
850	1515	22		20	8
800	2039	19		290	3
700	3170	11		280	8
600	4429	1		220	16
500	5876	-7		250	25
400	7580	-16		250	39
300	9675	-33		240	53
200	12427	-57		360	60

Airport — On At

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

UPPER WIND OBSERVATIONS on 3rd

Station	S.Barani		Matruh		Alex A.P.		P. Said		Almaza		Minya		Asyut		Aswan		Dakhla		Kharga		Hurghada		Farafra		P. Said	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	19	300	12	330	11	280	16	280	19	270	15	310	10	340	12	290	26	290	8	50	9	280	5	280	19
600	330	16	330	12	340	15	300	22	300	9	280	10	290	15	330	12	300	6	290	9	50	10	290	5	280	22
1000	330	19	330	15	340	15	260	32	300	9	280	11	300	16	330	14	310	6	300	7	40	13	350	4	280	25
1500	340	20	300	17	340	23	240	25	260	18	290	11	290	10			300	20	320	8			310	6	260	23
2000			300	17	330	24	240	33	260	17	270	21	290	13			300	13	310	10					240	35
3000			300	21					280	33	280	20													240	22
4000									280	24																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El 'Arîsh		Helwan		Minya		Asyût Manqabâd		Luxor		Aswan		Hurghada		Almaza	
Time	8		8		8		8				7		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	330	19	310	17	300	9	250	21			290	5	330	9	300	3					330	11	270	5
600	340	23	330	17	300	11	260	19			310	5	290	8	320	9					320	10	290	7
1000	350	35	340	17	310	11	280	16					290	16	320	12					310	9	260	11
1500	350	29			320	14	260	20					300	14							300	17	270	16
2000							260	26					290	15	310	14								
3000													300	16	290	2								
4000																								
5000																								
6000																								
7000																								
8000																								

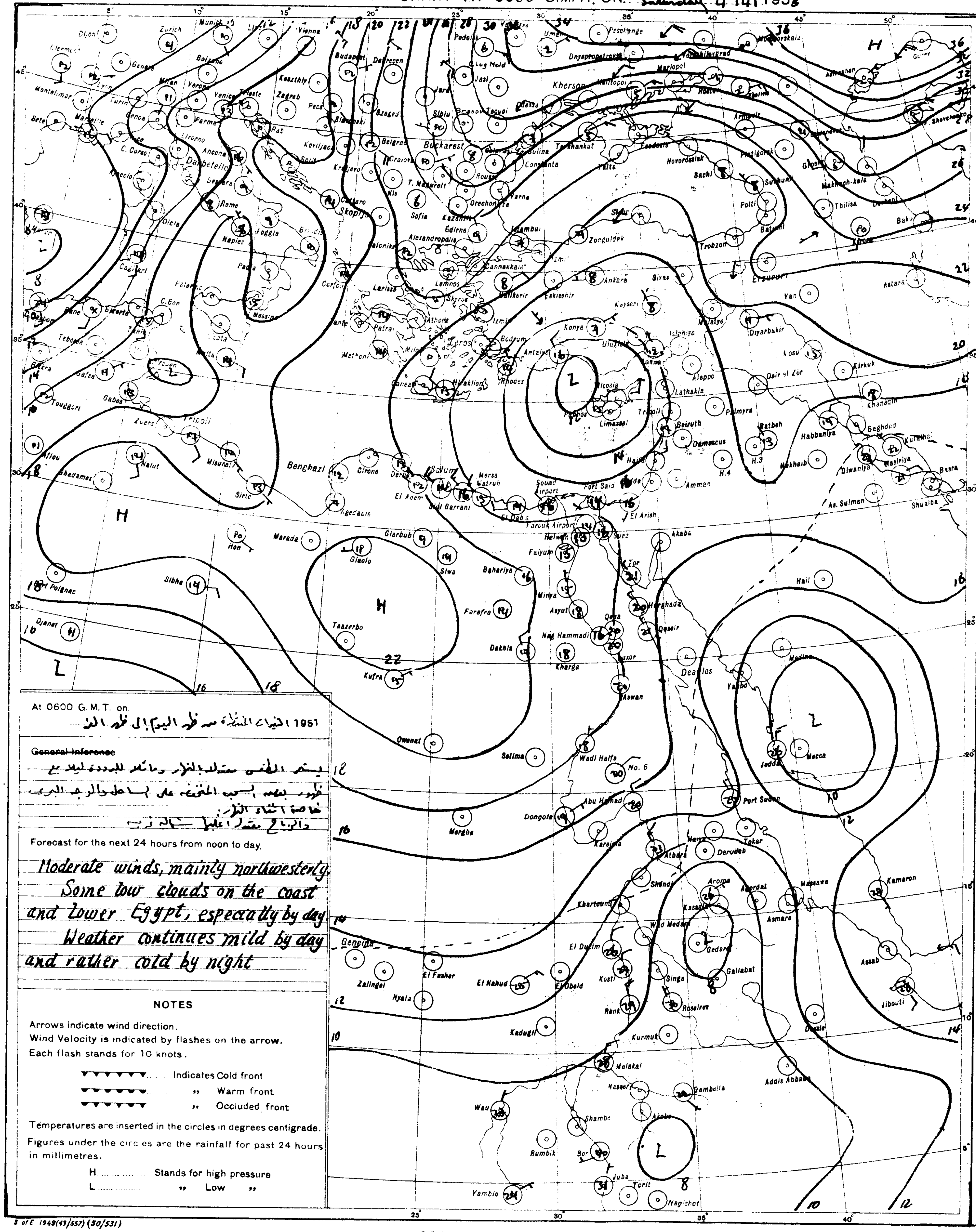
Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	8		8		8		8		4				4								5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			330	4	20	7	20	13	30	13														
600			340	5	10	11	20	16	30	16			20	20									30	21
1000	10	8	350	9	330	16	20	12	10	16			30	16							30	12	20	42
1500	30	9	360	9	340	12	350	10	30	10			230	1							50	21	40	27
2000	340	28	330	10	320	12	320	10					290	9										
3000	340	15	310	18			320	12	350	10			230	12							60	9	130	5
4000	330	21																			350	8	120	12
5000	320	21							280	11											280	12		
6000	310	35							290	11											230	34		
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds 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: Saturday 4.1.1952



At 0600 G. M. T. on: 1951 الحالة المنتظرة من ظهر اليوم إلى ظهر الغد

~~General Inference~~

يستمر الطقس معتدلا بالنهار ومائلا للبرودة ليلا مع
ظهور بعض السحب المنخفضة على السواحل والوجه البحري
خاصة اثناء النهار.
والرياح معتدلة اغلبها شمالية غربية

Forecast for the next 24 hours from noon to day.

Moderate winds, mainly northwesterly.
Some low clouds on the coast and Lower Egypt, especially by day.
Weather continues mild by day and rather cold by night

NOTES

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

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

Temperatures are inserted in the 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	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 40 G.M.T.

" " Sunset 16 16 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 5th April, 1952 3

At 1200 on Saturday 4th — At 1800 on Saturday 4th

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	SALÛM	20	13	35	00	0	0	—	20.2	20	41	6?	70	5	15	00	0	0	—	20.6	16	88	14	0
	303	SÎDI BARÂNI	320	10	15	01	0	0	—	19.5	18	73	13	300	3	14	02	0	0	—	20.1	14	88	12	0
	306	MATRÛH	300	12	18	02	0	0	—	19.0	18	60	10	280	4				0	—	19.9	14	88	12	0
	309	EL DAB'A	320	8	35	01	1	3	Cu	18.5	19	52	9	320	4	7	00	0	0	—	19.5	14	77	10	0
		ALEXANDRIA	270	16	50	02	2	4	Cb	18.6	19	52	9	310	18	35	01	2	3	Ci	19.9	15	77	11	0
	318	FAROUK (Airport) Alex	300	11	18	02	1	4	Cu	18.4	19	60	11	310	5	8	05	0	2	Cu	19.4	16	72	11	0
	330	DAMIETTA	290	5	35	03	1	3	Cu	18.0	18	60	10	290	2		00	0	0	—	18.3	16	77	12	0
	333	PORT SA'ÎD	270	14	30	03	2	6	Sc	17.7	20	53	10	320	15	14	02	0	0	—	18.0	16	77	12	0
	336	EL 'ARISH	340	8	30	02	0	0	—	16.9	18	56	9	340	4	14	03	1	1	Sc, Cu	17.2	16	77	12	0
Lower Egypt	339	DAMANHÛR	360	9	15	02	1	3	Cu	18.2	19	52	9	360	8	15	02	0	0	—	19.4	15	63	8	0
	342	MANSÛRA	270	5	15	03	2	5	Cu	17.5	21	41	7	20	5		00	1	0	—	19.4	16	68	10	0
	348	TANTA	270	2	35	01	1	4	Cu	18.3	22	36	6	00	0	35	01	1	3	Cu	19.2	14	77	10	0
	354	ZAGAZIG	00	0	50	03	1	4	Cu	17.5	23	50	12	00	0	35	02	1	0	—	19.4	15	77	11	0
	440	ISMAÎLIA	290	5	35	03	1	4	Cu	17.6	22	36	6	340	5	35	01	0	0	—	18.6	18	52	8	0
Cairo Area	366	FAROUK (Airport) Cairo	290	12	30	02	1	2	Cu	17.3	22	33	5	360	7	12	00	1	0	—	18.8	16	59	8	0
	372	ALMÂZA	290	13	30	03	1	3	Cu	17.[illegible]	22	36	6	340	5	12	00	0	0	—	19.0	16	56	7	0
		EZBEKIYA	320	4	18	01	1	3	Cu	17.7	22	36	6	340	2	10	00	1	0	—	19.1	15	52	5	0
		GÎZA	320	4	18	01	1	3	Cu	17.8	22	33	5	340	2	10	00	1	0	—	19.6	16	64	9	0
	378	HELWÂN	290	3	35	02	0	0	—	17.8	21	26	1	340	11	15	02	0	0	—	19.1	17	52	7	0
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	18.6	22	26	6	00	0	35	02	0	0	—	19.5	17	52	7	0
	387	MINYA	320	11	10	02	0	0	—	18.6	26	18	0	360	5	8	01	1	0	—	18.9	15	55	6	0
	393	ASYÛT MANQABÂD	340	8	30	03	0	1	Ci	17.6	25	17	-2	00	0	12	01	1	1	Ci	18.0	18	32	1	0
	399	NAG' HAMMÂDI	340	2	7	00	0	0	—	16.0	28	22	4	00	0		01	0	2	Ac	16.6	19	52	9	0
	402	QENA	270	2	50	00	0	0	—	15.4	30	16	1	270	1	7	00	0	0	—	15.6	13	51	3	0
	405	LUXOR	320	6	30	03	1	1	Ci	15.5	28	11	-5	290	6	12	02	0	1	Ci	15.7	22	20	-2	0
	414	ASWÂN	340	4	50	01	1	2	Ci	14.8	28	12	-4	360	3	50	00	0	0	—	15.5	24	15	-5	0
Oases	417	SÎWA	320	4	14	02	0	1	Ci	21.2	24	21	0	270	4	8	01	0	0	—	20.3	20	24	-1	0
	420	BAHARÎYA	270	3	35	02	0	0	—	19.1	24	32	6	00	0	15	02	0	0	—	18.6	17	39	3	0
	423	FARAFRA	00	0	35	00	0	4	Ci	19.5	24	8	-12	00	0	15	01	1	2	Ci	19.9	17	18	-8	0
	432	DAKHLA	270	9	50	01	1	3	Ci	17.8	26	18	0	340	11	35	00	0	0	—	17.6	21	20	-3	0
	435	KHARGA	360	1	15	02	1	2	As	16.4	26	18	0	360	1	15	00	0	0	—	16.7	23	18	-3	0
Red Sea	450	SUEZ	40	5	50	02	0	0	—	17.1	23	24	1	310	7	15	02	0	0	—	18.0	20	33	3	0
	459	TÔR	220	7	35	03	0	7	Ac	16.4	26	30	7	310	9	15	02	1	0	—	16.7	24	30	5	0
	462	HURGHADA	360	11	30	02	0	0	—	15.9	23	44	10	310	10	14	01	0	0	—	16.3	[illegible]	[illegible]	7	0
	465	QUSEIR	360	9	15	02	0	0	—	15.9	24	54	14	330	2	15	02	0	0	—	15.1	[illegible]	50	11	0
	641	PORT SÛDÂN	40	12	30	02	2	6	Ac	12.5	27	70	21												
North Sûdân	600	WÂDI HALFA	30	15	30	02	0	0	—	13.0	29	11	-4												
	640	ABU HAMAD	360	2	30	01	0	1	Ac		33	6	-9												
	660	KAREIMA	360	6	30	03	0	1	Ac, Ci	10.7	32	6	-11												
	680	'ATBARA	340	8	30	02	2	3	Ac, Ci	6.9	35	14	4												
	721	KHARTÛM	360	12	30	03	1	3	Ac	7.3	35	7	-6												
	700	KASSALA	360	4	30	03	1	3	Cu, Ac, Cs	3.6	37	27	15												
Central Sûdân	751	WÂD MEDANI	50	9	35	02	2	8	Ac	4.7	37	20	11												
	801	RENK																							
	802	ROSEIRES																							
	771	EL OBEID	20	9	30	02	2	6	Ac	6.8	33	8	-6												
	760	EL FÂSHER	60	5	30	03	2	7	Ac, Cs		32	9	-5												
	770	GENEINA	70	10	30	01	1	2	Ac		34	9	-3												
S. Sûdân	840	MALAKÂL	90	8	30	01	1	3	Ac, Ci	6.3	36	19	9												
	880	WÂU	110	5	30	02	2	8	Ac, Cs	4.2	37	18	9												
	941	JUBA	50	8	15	05	2	7	Cu, Cs	2.2	37	27	15												

At 0600 on Sunday 5th April, 1953

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	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
290	5	15	00	0	0	—	1	+6.6	15	21	-3	12	0	88	13	0	37		SALUM
240	5	12	02	0	0	—			13	18		8		82	10	0	109		SÎDI BARÂNI
230	6	30	01	0	3	Ci	20.7	+5.3	14	19		8		59	6	0	52		MATRÛH
250	5	15	00	0	0	—	20.4		12	19		8		88	10	0	95		EL DAB'A
310	12	50	02	2	4	Cu	20.7	+5.9	16	19	-4	14	0	68	12	0	125	181	ALEXANDRIA
310	3	18	02	2	6	Sc	20.8	+4.6	17	20	-2	12	0	72	12	0	122	137	FAROUK (Airport) Alex
220	2		03	0	8	Sc	19.6	+4.9	13	19	-2	10	-3	88	11	0	56	101	DAMIETTA
250	11	8	03	0	6	Sc	19.9	+2.9	15	20	-1	14	-1	77	11	0	61		PORT SA'ÎD
250	4	18	01	5	2	Sc	19.5	+5.0	15	20		12		72	10	dr.	46		EL 'ARISH
230	9	7	02	0	0	—	20.6	+5.7	15	20	-5	11	0	77	11	0	Rain	94	DAMANHÛR
270	5	15	03	2	0	Sc, Cu	21.1	+6.0	14	22	-4	9	-2	77	10	0	48	48	MANSÛRA
220	2	35	02	0	0	—	20.8	+5.6	15	23	-4	9	-1	77	11	0	18	35	TANTA
00	0	35	02	0	0	—	21.0	+5.9	14	24	-3	9	-1	77	10	0	29	25	ZAGAZIG
270	2	35	01	0	0	—	21.1		16	22		9		68	10	0	32		ISMAÎLIA
00	0	10	05	0	0	—	21.7		16	23		10		68	10	0	7		FAROUK (Airport) Cairo
00	0	8	05	0	0	—	21.2	+5.0	15	23	-2	11	-1	77	11	0	8		ALMÂZA
320	3	10	02	0	1	Cu	20.8	+5.5	16	24	-3	12	0	68	10	0	15	23	EZBEKIYA
320	3	10	02	0	1	Cu	21.2	+5.8	16	24	-3	9	-1	68	10	0	43	22	GÎZA
340	2	7	02	0	0	—	21.9	+7.0	14	23	-4	10	-3	67	8	0	3	25	HELWÂN
00	0	35	02	0	0	—	21.6	+6.3	15	24	-4	9	-3	68	9	0	14	8	FAIYÛM
340	4	10	02	0	0	—	21.6	+5.1	14	26	-2	8	-2	72	9	0	1		MINYA
310	2	14	02	0	0	—	21.4	+6.8	13	26	-2	10	-2	63	6	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	19.9	+6.1	16	29	-1	9	-2	49	5	0	0.3		NAG' HAMMÂDI
270	1	35	00	0	0	—	19.4	+4.8	21	31	-3	9	-5	33	4	0	2		QENA
00	0	30	02	0	0	—	19.8	+6.2	19	29		10		24	2	0	1		LUXOR
20	2	50	00	0	0	—	18.7	+5.6	19	29	-5	14	-4	30	1	0	2		ASWÂN
60	2	14	00	0	0	—	22.3	+6.1	13	26	-2	8	-3	41	0	0	Rain	8	SÎWA
00	0	35	02	0	0	—	21.9	+6.1	14	24	-5	6	-5	67	8	0	dr.	7	BAHARÎYA
00	0	35	00	0	0	—	22.4		14	26		9		48	3	0	1		FARAFRA
20	19	50	00	0	0	—	20.7	+6.0	17	27	-5	11	-2	42	4	0	0		DAKHLA
360	4	15	00	0	0	—	20.6	+6.4	17	27	-5	13	-1	26	-3	0	dr.		KHARGA
360	5	35	00	0	0	—	20.2	+5.2	16	25	-2	10?	-4	59	8	0	45	15	SUEZ
310	13	35	02	0	0	—	18.3	+5.2	21	28	+2	13	-2	41	7	0	Rain	13	TÔR
320	19	30	02	0	0	—	18.2	+3.8	19	24	0	14	0	56	10	0	7		HURGHADA
360	13	15	02	0	0	—	17.5	+4.6	21	24	-3	18	-1	50	10	0	12	4	QUSEIR
240	10	30	02	2	5	Sc, As, Cs	14.7		25	28		22		61	17	0			PORT SÛDÂN
20	12	30	02	1	3	Ci	17.9		19	30		14		28	0	0			WÂDI HALFA
360	4	30	03	0	2	Ac			22	33		17		17	-4	0			ABU HAMAD
40	10	30	03	0	4	Ac	14.5		21	33		17		15	-7	0			KAREIMA
20	7	30	02	2	5	Ac	13.0		23			20		20	-1	0			'ATBARA
360	13	30	21	1	4	Ac	11.7		26	36		22		14	-4	0			KHARTÛM
20	4	30	22	0	1	Ac	9.5		29	38		23		43	15	0			KASSALA
																			WÂD MEDANI
360	19	35	02	0	7	Ac			29	38		25		25	7	0			RENK
																			ROSEIRES
20	11	30	02	2	6	Ac	11.3		24	34		19		7	-14	0			EL OBEID
360	3	30	03	1	4	Ac			21	33		18		15	-7	0			EL FÂSHER
																			GENEINA
0	10	30	02	2	6	Ac	8.5		29	38		25		23	6	0			MALAKÂL
	2	30	02	2	8	Cs	9.0		29	39		23		37	13	0			WÂU
90	3	30	03	0	8	Cs	9.0		31	39		23		43	17	0			JUBA

Humidity % Mean of day

Station	on 4th	Diff from normal
Alexandria	74	+8
Ezbekiya	58	+1.
Giza	66	+7
Helwan	59	+16

GÎZA

GRASS MINIMUM TEMP on 5th 6.5 °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

Alex AIRPORT — On 4th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	157	21		300	10
950					
900					
850	1531	7		260	16
800					
700	3096	0		280	23
600					
500	5214?	-17		280	33
400	7363	-26		280	52
300	9393	-40		280	80

... AIRPORT — On ... At ...

Pressure 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	S.Barani		Matruh		Alex		P.Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Dakhla		Kharga		Farafra	
Time	14		14		14		14		14		14		14		14		14 15		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	9	320	10			240	16	310	15	210	17	330	8	330	11	320	10	350	8	340	10	350	18	350	7
600	330	10	330	14	320	16	250	16	270	14	200	31	300	8	320	10	330	10	350	17	340	10	350	24	350	7
1000	330	11	330	19	310	14	260	16	250	15	190	10	320	7	320	12			350	25	350	10	350	17	10	9
1500	330	16	350	22			280	13	250	31	200	27	300	14	320	16	310	9	360	16	360	15	340	9	330	8
2000	320	12							250	29			290	17	320	13	310	10	360	29					340	6
3000	340	9							240	29			310	15	310	20	270	16								
4000	310	26													290	26										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswan		Hurghada		Almaza	
Time	8		8				8						8 15		8		8						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	8	260	6			260	16					20	5	360	18	350	8					360	6
600	270	4	280	6			270	15					10	11	360	16	360	2					340	6
1000	310	12	340	10			290	16					350	17	360	25	340	2					330	11
1500	320	19	320	20			280	12					350	16	340	17	10	12					320	18
2000	320	16	320	19											330	16	340	6						
3000	300	16	320	21																				
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	140	16	360	16	330	11	10	10																
600	140	10	360	20	340	11	10	20																
1000	80	5	10	14	350	10	10	24																
1500			360	17	350	6	350	19																
2000																								
3000																								
4000	320	24																						
5000																								
6000	320	32																						
7000																								
8000																								

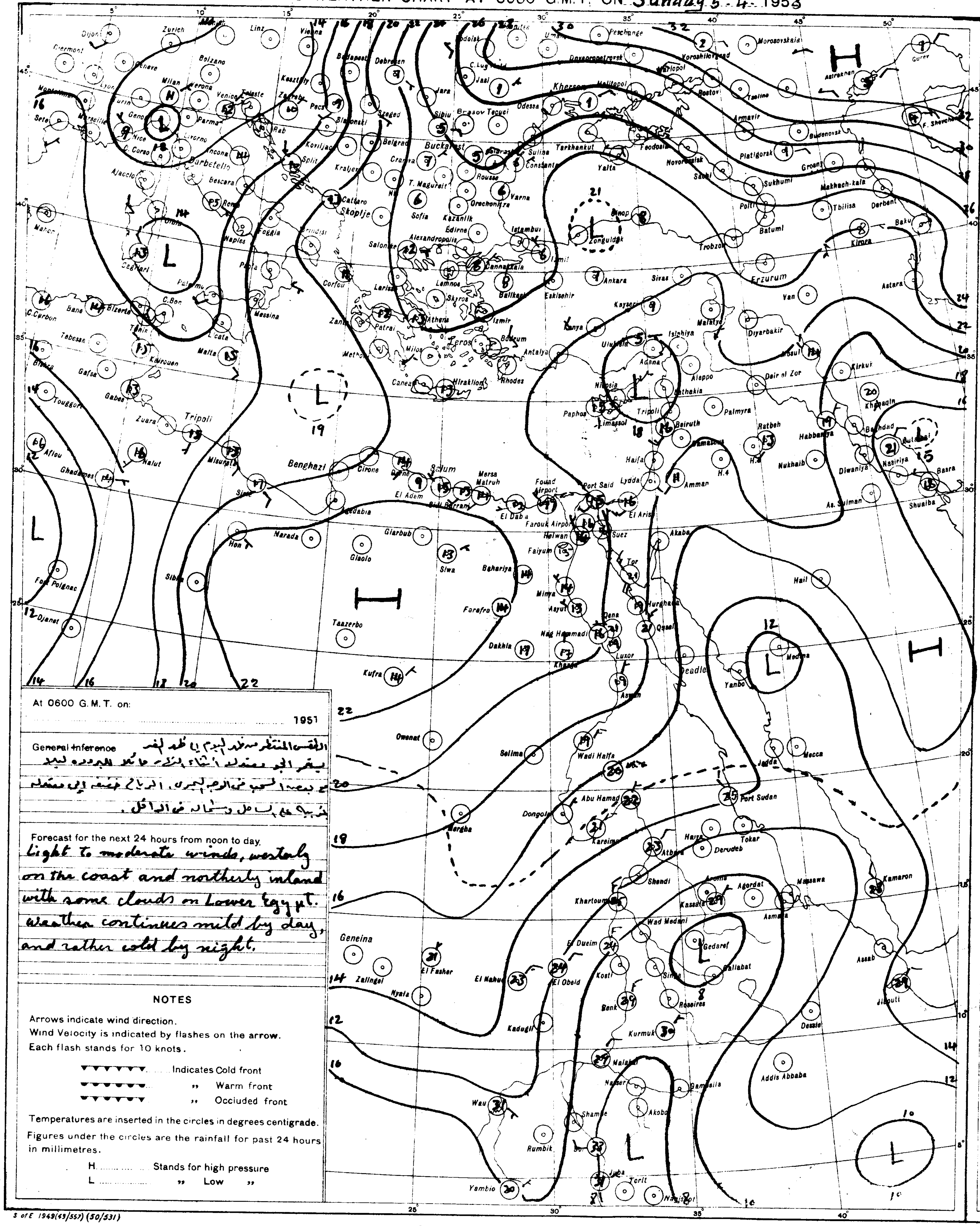
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 5 - 4 - 1953



At 0600 G.M.T. on: 1951

General Inference الطقس المنتظر من ظهر اليوم إلى ظهر الغد
يستقر الجو معتدلا أثناء النهار مائلا للبرودة ليلا
مع بعض السحب في الوجه البحري. الرياح خفيفة إلى معتدلة
غربية على السواحل وشمالية في الداخل.

Forecast for the next 24 hours from noon to day.

Light to moderate winds, westerly on the coast and northerly inland with some clouds on Lower Egypt. Weather continues mild by day, and rather cold by night.

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 39 G.M.T.
" " Sunset 16 16 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 6th April, 1953

At 1200 on Sunday 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	SALÛM						0	—	21.5	19	88	17
303	SÎDI BARÂNI	330	7	18	02	0	0	—	21.4	17	72	12
306	MATRÛH	330	10	30	02	0	0	—	20.8	17	72	12
305	EL DABʻA	320	6	35	00	0	0	—	20.5	19	52	9
	ALEXANDRIA	310	17	50	02	2	4	Cu	20.6	18	60	10
318	FOUKA (Alex) (Airport)	300	9	12	01	2	2	Sc	21.6	19	64	12
330	DAMIETTA	320	5	35	01	0	0	—	19.6	17	64	10
333	PORT SAʻÎD	350	13	8	01	1	1	Sc	19.6	18	73	13
336	EL ʻARISH	300	0	30	01	1	0	—	18.8	18	60	10
339	DAMANHUR	40	7	15	02	0	0	—	20.6	20	46	8
342	MANSURA	320	5	35	02	1	2	Cu	19.6	22	44	9
348	TANTA	310	18	35	02	0	0	—	20.2	22	50	11
354	ZAGAZIG	00	0	50	02	1	3	Cu	20.2	23	50	12
440	ISMAʻILIA	290	2	35	03	1	6	Cu	19.2	22	44	9
366	FAROUK (Cairo) (Airport)	340	10	12	01	2	1	Sc	19.3	21	41	7
372	ALMAZA	330	17	18	01	1	2	Cu	19.7	21	44	8
	EZBEKIYA			18	03	0	3	Cu	19.2	22	44	9
	GIZA			18	03	0	3	Cu	19.5	22	44	9
378	HELWÂN	290	10	7	02	0	0	—	20.3	21	33	4
381	FAIYÛM	00	0	35	02	0	0	—	20.0	22	36	6
387	MINYA	10	11	10	02	0	0	—	20.6	24	34	7
393	ASYÛT MANQABAD	10	13	14	02	0	0	—	19.3	25	22	2
399	NAGʻ HAMMADI	170	1	7	00	0	0	—	16.8	28	22	4
402	QENA	270	1	50	00	0	0		15.8	30	16	1
405	LUXOR											
414	ASWÂN	340	4	50	00	0	0	—	15.2	27	15	-2
417	SIWA	00	0	14	00	0	0	—	21.6	28	18	1
423	BAHARIYA	360	2	35	02	0	0	—	20.0	25	34	8
	FARAFRA	20	5	35	00	0	0	—	21.5	24	15	-5
	DAKHLA	360	11	50	00	0	0	—	18.0	25	17	-2
	KHARGA	360	3	15	00	0	0	—	17.4	25	11	-8
	SUEZ	360	8	50	03	0	1	Cu	19.1	22	31	4
	TÔR	220	9	15	05	0	0	—	18.0	21	57	12
	HURGHADA	340	24	30	02	0	0		17.2	21	50	10
	QUSEIR	360	19	15	02	0	0	—	15.2	23	50	12
	PORT SUDÂN	20	16	30	02	2	5	AC	12.4	27	70	21
	WÂDI HALFA	360	10	30	01	0	1	CS	14.7	29	12	-3
	ABU HAMAD	360	1	30	03	2	7	AC, CS		33	10	-2
	KAREIMA	360	5	30	01	1	1	CS	10.8	32	8	-6
	ATBARA	360	6	30	01	1	2	AC	7.3	35	13	3
721	KHARTÛM	40	6	30	03	1	1	AC	7.0	35	13	3
	KASSALA	30	5	30	03	1	4	AC	4.4	37	25	14
	WAD MEDANI	270	5	35	02	1	6	CC	4.2	38	15	7
801	RENK											
802	ROSEIRES											
771	EL OBEID											
760	EL FASHER											
770	GENEINA											
840	MALAKÂL	50	7	30	03	2	8	CS	3.9	38	18	10
880	WAU	40	5	30	02	2	8	AC	5.3	35	18	7
941	JUBA	90	5	30	03	2	8	Cu Ci	2.2	38	25	15

At 1800 on Sunday 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	140	5	15	03	2	8	Cs	20.6	16	88	14	0
SÎDI BARÂNI	90	5	15	02	1	2	Cs	20.2	15	88	13	0
MATRÛH	00	0	14	01	0	0	—	20.6	14	83	11	0
EL DABʻA	360	3	7	00	0	0	—	20.6	15	77	11	0
ALEXANDRIA	310	15	35	01	2	0	—	21.2	16	68	10	0
FOUKA (Alex) (Airport)	40	7	12	01	1	0	—	21.5	16	72	11	0
DAMIETTA	320	5		02	0	2	AC	19.9	16	77	12	0
PORT SAʻÎD	330	13	8	03	0	1	Sc	19.4	16	77	12	0
EL ʻARISH												
DAMANHUR	360	9	15	01	0	0	—	20.8	16	68	10	0
MANSURA	360	5		00	1	0	—	20.7	16	68	10	0
TANTA	310	5	35	01	1	4	Cu	19.8	14	77	10	0
ZAGAZIG	00	0	35	02	1	0	—	21.0	15	77	11	0
ISMAʻILIA												
FAROUK (Cairo) (Airport)	340	2	12	02	0	0	—	20.6	17	56	8	0
ALMAZA	340	13	12	00	1	0	—	20.9	16	64	9	0
EZBEKIYA	360	4	10	00	1	0	—	21.0	18	52	8	0
GIZA	360	4	10	00	1	0	—	21.1	16	59	8	0
HELWÂN	340	11	7	02	0	0	—	21.2	17	52	7	0
FAIYÛM	00	0	35	02	0	0	—	20.0	19	46	7	0
MINYA	310	3	8	02	0	0	—	19.8	16	59	8	0
ASYÛT MANQABAD	340	5	8	02	0	0	—	19.7	18	46	6	0
NAGʻ HAMMADI	340	2		00	0	0	—	16.4	22	29	3	0
QENA	270	1	7	00	0	0	—	16.2	23	24	1	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	15.0	24	15	-5	0
SIWA	00	0	8	02	0	1	Ci	20.7	20	30	2	0
BAHARIYA	360	1	15	02	0	0	—	20.6	18	46	6	0
FARAFRA	00	0	15	00	0	0	—	20.4	19	23	-3	0
DAKHLA	360	11	35	00	0	0	—	18.7	20	24	-1	0
KHARGA	360	2	15	00	0	0	—	17.2	22	21	-1	0
SUEZ	360	10	15	01	0	0	—	19.4	19	52	9	0
TÔR	360	5	15	02	0	0	—	16.7	20	56	11	0
HURGHADA	290	24	12	02	0	0	—	16.9	21	50	10	0
QUSEIR	360	9	15	02	0	0	—	16.6	22	50	11	0

(No entries at 1800 for Port Sudân and the Sudan stations.)

At 0600 on Monday 6th April, 1953

Station	Wind 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	140	5	15	02	2	8	AC	22.2	+7.3	14	21	-3	12	0	88	12	0	37	
SÎDI BARÂNI	00	0	12	03	4	6	AC	21.8		14	18		11		88	12	0	107	
MATRÛH	220	2	6	05	4	5	Sc, AC	21.2	+5.9	14	19		9		94	13	0	52	
EL DABʻA	270	5	15	02	1	4	Cb	21.1		14	20		7		88	12	0	95	
ALEXANDRIA	360	15	50	03	1	5	Cb	21.4	+5.6	16	20	-3	14	0	77	12	0	125	181
FOUKA (Alex) (Airport)	00	0	12	03	1	6	Cu, Sc	20.9	+4.8	16	20	-2	12	0	77	12	0	122	137
DAMIETTA	320	5	7	03	1	5	Cu	20.2	+5.5	16	19	-2	10	-3	77	12	0	56	101
PORT SAʻÎD	340	6	9	03	0	1	Sc	20.0	+4.0	17	19	-2	14	-1	72	12	0	61	
EL ʻARISH	260	3	18	03	2	7	Cu, Sc	18.7	+4.3	16			12		68	10	0	46	
DAMANHÛR	40	5	15	02	0	0	—	20.8	+5.9	16	21	-4	12	+1	68	10	0	Rain	94
MANSÛRA	270	3	15	03	2	4	AS	20.6	+5.5	15	22	-4	10	-1	68	9	0	48	48
TANTA	320	5	35	03	2	6	Cu	20.8	+5.7	16	23	-4	8	-2	88	10	0	18	35
ZAGAZIG	00	0	35	02	0	0	—	20.6	+5.5	14	24	-3	8	-3	77	10	0	29	25
ISMAʻILIA	290	2	35	01	1	3	Ci	20.2		16			10		68	10	0	32	
FAROUK (Cairo) (Airport)	00	0	10	02	0	1	Sc	20.4		14	24		11		83	11	0	7	
ALMÂZA	00	0	14	03	0	2	Ci	20.5	+4.3	13	23	-3	12	0	63	6	0	8	
EZBEKIYA	350	2	10	02	0	1	Cu	20.0	+4.9	16	24	-3	12	-1	72	11	0	15	23
GIZA	350	2	10	02	0	1	Cu	20.8	+5.4	15	23	-4	9	-1	77	11	0	43	22
HELWÂN	340	1	7	03	1	5	Cu	21.2	+6.3	14	22	-5	11	-2	77	10	0	3	25
FAIYÛM	00	0	35	02	0	0	—	21.5	+6.3	14	24	-4	9	-3	77	10	0	14	8
MINYA	360	8	8	02	1	1	Ci	20.9	+4.5	14	24	-4	9	-1	77	10	0	1	
ASYÛT MANQABAD	00	0	12	02	0	0	—	19.2	+4.7	14	26	-3	10	-2	63	7	0	2	
NAGʻ HAMMADI	00	0		00	0	0	—	18.6	+4.8	15	29	-1	11	-1	59	7	0	0.3	
QENA	270	1	35	00	0	0	—	18.0	+4.5	20	32	-2	11	-4	46	6	0	2	
LUXOR	280	2	30	02	0	0	—	17.3	+3.7	21			14		33	4	0	1	
ASWÂN	360	10	15	00	0	0	—	17.0	+3.9	18	28	-6	15	-3	46	6	0	2	
SIWA	00	0	14	01	1	3	CS	21.6	+5.5	16	28	0	10	-1	42	3	0	Rain	8
BAHARIYA	20	1	35	01	0	1	AC	21.6	+5.9	16	25	-4	8	-3	57	8	0	dr	7
FARAFRA	00	0	35	00	0	0	—	21.7		14	25		7		27	-5	0	1	
DAKHLA	270	11	50	00	0	0	—	19.9	+5.3	17	26	-6	12	-1	42	4	0	0	
KHARGA	360	2	15	00	0	0	—	18.3	+4.2	18	26	-6	14	0	37	3	0	dr.	
SUEZ	40	5	35	00	0	0	—	20.2	+5.2	15	24	3	10	-4	68	4	0	45	15
TÔR	310	13	15	05	0	0	—	18.3	+5.3	17	24	-3	17	+2	52	4	0	Rain	13
HURGHADA	280	27	8	02	0	0	—	17.0	+2.1	18	22	-2	15	+1	52	8	0	7	
QUSEIR	360	24	15	02	0	0	—	15.9	+3.1	21	24	-3	19	0	50	10	0	12	4
PORT SUDÂN	360	10	30	01	2	4	Cu, AC	12.9		25	24		21		51	14	dr.		
WÂDI HALFA	350	13	18	02	0	0	—	17.4		17			12		37	2	0		
ABU HAMAD																			
KAREIMA	10	13	30	02	0	0	—	14.1		21	34		16		9	-13	0		
ATBARA	10	13	10	07	0	1	AC	11.3		24	36		19		17	-3	0		
KHARTUM	360	13	30	03	0	1	Ci	11.3		25	36		21		8	-12	0		
KASSALA	00	0	30	02	8	4	AC	8.2		30	38		23		31	11	dr.		
WAD MEDANI	360	13	35	02	1	5	AC	9.6		28	40		21		10	-6	0		
RENK																			
ROSEIRES	90	2	35	02	1	4	AS	7.7		32	38		26		36	15	dr.		
EL OBEID	10	13	30	01	1	2	AC	11.9		23	36		19		9	-12	0		
EL FASHER																			
GENEINA																			
MALAKÂL	360	13	30	01	1	5	AC	7.8		29	38		25		19	3	0		
WAU	00	0	30	03	2	6	AC, Ci	9.0		25	38		21		42	11	0		
JUBA	270	6	15	64	6	8	Cb, Ac	7.0		24	40		24		88	22	3		

HUMIDITY — Mean of day

Station	On 5th	Diff. from normal
Abbassia	73	+7
Ezbekiya	57	+1
Giza	59	+1
Helwan	54	+11

GIZA — Grass minimum temp. on 6th: 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 — Cairo Airport, On 15th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	174	21		340	17
950					
900					
850	1554	11		310	22
800					
700	3146	2		320	22
600					
500	5778	-15		290	29
400	7426	-26		290	36
300	9446	-40		290	65
200	12212	-55			

(Two further Rawinsonde sections — Airport, On ... At ..., pressures 1000–300 mbs — are blank.)

UPPER WIND OBSERVATIONS on 5th

Height m.	Asyut (14) Dir.	Vel.	Aswan (14) Dir.	Vel.	Alex. A/P (14) Dir.	Vel.	Port Said (14) Dir.	Vel.	Siwa (14) Dir.	Vel.	Dakhla (14) Dir.	Vel.	Kharga (14) Dir.	Vel.	Minya (14) Dir.	Vel.	S. Barani (14) Dir.	Vel.	Farafra (14) Dir.	Vel.	Asyut (20) Dir.	Vel.	Port Said (20) Dir.	Vel.	Minya (20) Dir.	Vel.
300	340	20	340	9	240	17	320	24	260	3	350	11	20	21	360	15	360	11			10	20	290	12	10	16
600	360	16	330	9	300	17	320	26	240	2	360	10	20	26	360	14	300	12	20	6	10	22	310	11	330	14
1000	360	20	340	10	300	17	300	17	290	3	350	12	360	26	350	18	300	16	20	8	360	26	310	10	350	16
1500	350	16	330	10			280	14	310	5	360	9	350	24	360	13	270	24	20	12	360	30	320	7	350	19
2000	330	17							330	7					340	15	290	21	20	12					350	18
3000									330	16					340	10	310	21								
4000									320	30							320	24								
5000									320	27																
6000									300	37																
7000									240	40																
8000																										

UPPER WIND OBSERVATIONS on 6th

Height m.	Sîdi Barâni (8) Dir.	Vel.	Matrûh (2) Dir.	Vel.	Alex Airport (8) Dir.	Vel.	Port Saʻîd (8) Dir.	Vel.	El ʻArîsh (8) Dir.	Vel.	Helwan Dir.	Vel.	Minya (8) Dir.	Vel.	Asyût Manqabâd (8) Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Farafra (8) Dir.	Vel.
300	360	5	360	6	330	6	320	13	290	10			10	10	350	12							10	7
600	10	5	360	3	360	12	320	11	230	5			10	16	360	12							190	4
1000	20	7	310	5			320	12	260	7			360	19	350	23							120	4
1500							360	10	240	4			360	20	340	23							120	6
2000	10	12					40	9	320	8			360	11										
3000									320	19			340	14										
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa (8) Dir.	Vel.	Bahariya (8) Dir.	Vel.	Dakhla (8) Dir.	Vel.	Kharga (8) Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima (4) Dir.	Vel.	Khartum Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Dir.	Vel.
300	70	3	80	8	20	7	20	11																
600	340	7	60	10	20	10	20	18					30	24										
1000	320	13	60	10	360	11	10	23																
1500	290	20	60	6	10	14	10	33					10	11										
2000	310	18																						
3000	330	20											280	4										
4000																								
5000																								
6000													250	30										
7000																								
8000																								

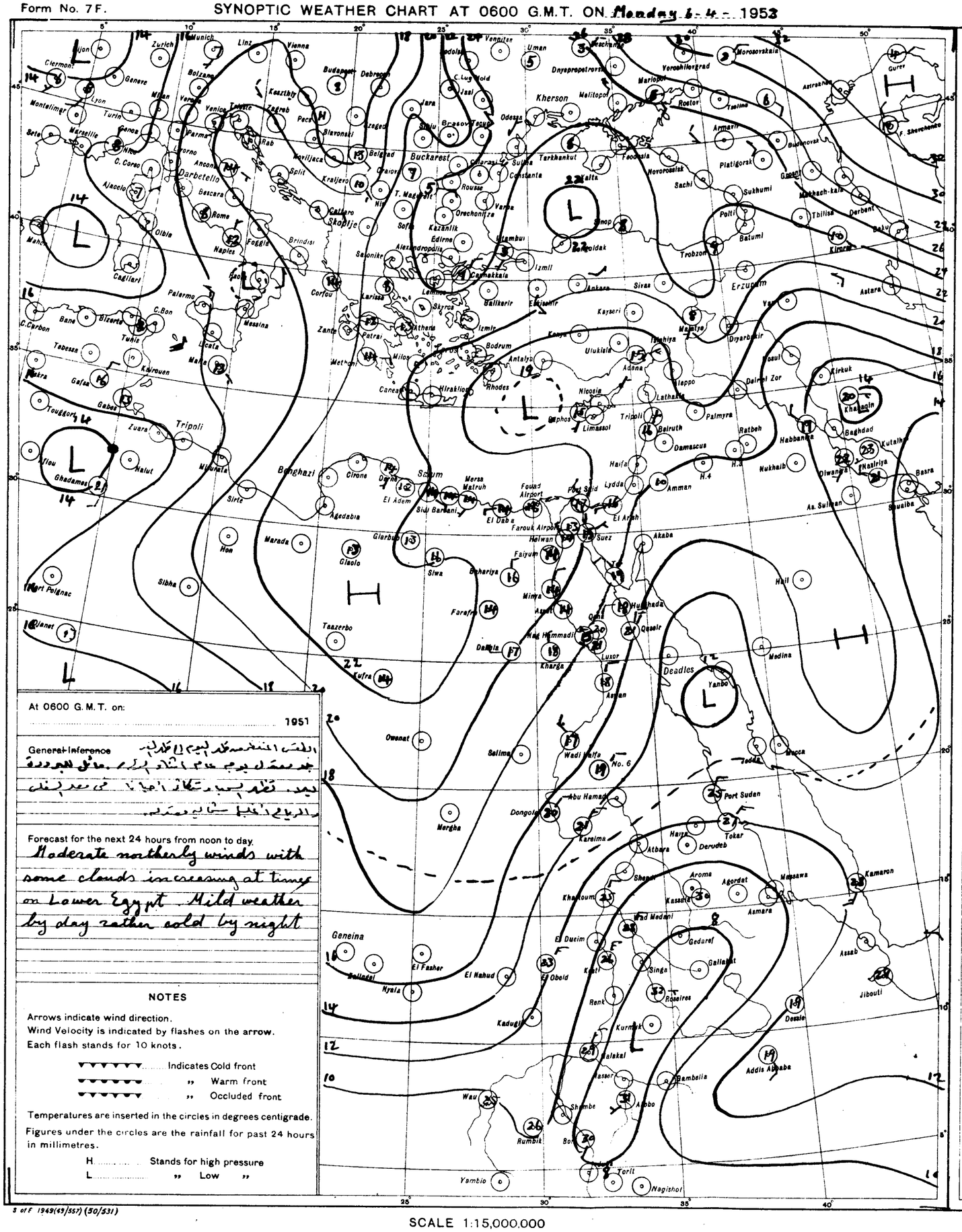
Remarks:
1. Wind Direction in degrees east of North.
2. " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt (50/330)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 6-4-1953



At 0600 G.M.T. on:

..... 1951

General Inference

الطقس المنخفض قد اليوم إلى الجنوب
جديد تقدم يوجد هناك اتجاه إلى ... مائل للجودة
ليبيا. تقدم بسرعة تكاثر أحيانا من بعد ظهر
والرياح الغالبة شمالية شرقية.

Forecast for the next 24 hours from noon to day.

Moderate northerly winds with some clouds increasing at times on Lower Egypt. Mild weather by day rather cold by night

NOTES

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

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

Temperatures are inserted in the 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 F 1949(49/557) (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, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Tuesday 7th April, 1952 3

At 1200 on Monday 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	110	9	35	03	2	5	CS	21.6	17	17	13
	303	SÎDI BARÂNI	10	7	18	01	2	3	Ci	20.8	18	68	12
	306	MATRÛH	330	6	18	02	2	7	CS	20.3	18	68	12
	309	EL DABA	340	6	35	03	2	6	Sc	20.0	18	73	13
		ALEXANDRIA	360	12	50	02	2	6	Cu, Sc	20.3	17	60	4
	318	Alex (Airport)	360	7	14	03	2	7	Cu, Ci	20.1	18	68	12
	330	DAMIETTA	340	9	15	02	1	5	Cu	19.1	18	60	10
	333	PORT SAÏD	360	10	12	02	0	1	Sc	18.7	18	68	12
	336	EL ARISH											
LOWER EGYPT	339	DAMANHÛR	40	9	15	02	0	1	Cu	20.6	21	50	10
	342	MANSÛRA	40	5	15	03	2	6	Sc, Cu	18.4	21	50	10
	348	TANTA	310	13	35	03	2	5	Cu	19.5	22	44	9
	354	ZAGAZIG	00	0	50	02	1	4	Cu	18.3	22	50	11
	440	ISMAILIA	20	5	35	03	1	6	Cu	18.3	21	50	10
CAIRO AREA	366	Cairo (Airport)	290	12	12	02	2	5	Sc	18.6	20	41	6
	372	ALMÂZA	320	8	18	02	2	6	Cu, Sc	18.6	20	49	9
		EZBEKIYA			18	03	0	6	Cu	18.2	22	44	9
		GIZA			18	03	0	6	Cu	18.4	21	41	7
	378	HELWÂN	340	8	7	03	2	7	Cu	18.3	20	41	6
UPPER EGYPT	381	FAIYÛM	360	6	35	02	2	7	Ci	18.8	22	36	6
	387	MINYA	10	12	8	02	1	1	Ci	18.4	23	44	10
	393	ASYUT MANQABAD	340	13	18	02	0	0	—	16.7	25	26	4
	399	NAG HAMMADI	340	2	7	00	0	0	—	15.5	27	20	2
	402	QENA	360	2	50	00	0	0	—	14.6	29	14	-1
	405	LUXOR											
	414	ASWAN	340	3	50	00	0	0	—	13.4	29	15	0
OASES	[illegible]	SÎWA	80	4	14	03	1	5	CS	20.0	27	17	0
	[illegible]	BAHARIYA	360	3	35	02	1	1	AC	19.4	24	47	12
	[illegible]	FARAFRA	360	1	35	00	0	0	—	19.5	27	25	5
	[illegible]	DAKHLA	340	25	35	00	0	0	—	17.5	25	22	2
	[illegible]	KHARGA	360	6	15	00	0	0	—	15.2	26	13	-5
RED SEA	[illegible]	SUEZ	310	7	50	03	0	5	Cu	17.9	22	36	6
	[illegible]	TÔR	310	19	15	03	0	0	—	15.5	21	65	14
	[illegible]	HURGHADA	310	26	14	02	0	0	—	15.0	22	41	8
	[illegible]	QUSEIR	360	19	15	02	0	0	—	13.8	24	38	9
	[illegible]	PORT SUDAN	360	3	50	02	0	0	—	9.3			
NORTHERN SUDAN	[illegible]	WADI HALFA			35	00	1	0	—	12.7	30		
	640	ABU HAMAD	180	13	35	02	0	0	—	13.3	30	35	13
	[illegible]	KAREIMA	360	9	30	02	0	0	—	9.7	32	15	2
	[illegible]	ATBARA	340	4	30	02	0	0	—	6.5	35	9	-3
	[illegible]	KHARTOUM	300	8	30	02	0	0	—	6.3	35	8	-5
	[illegible]	KASSALA	290	7	50	02	1	4	Cu, Ac	2.5	39	20	12
CENTRAL SUDAN	[illegible]	WAD MEDANI											
	[illegible]	RENK											
	[illegible]	ROSEIRES											
	[illegible]	EL OBEID	20	14	30	02	0	1	Ac	7.6	33	8	-6
	750	EL FASHER	50	8	30	02	0	0	—		32	13	0
	770	GENEINA											
SOUTHERN SUDAN	340	MALAKÂL	20	7	30	02	1	5	Ac	2.7	39	20	12
	360	WAU	350	9	30	02	1	0	—	2.3			-3
	941	JUBA		12	30	03	6	6	Cb, Ac		36	15	6

At 1800 on Monday 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	40	5	15	00	0	0	—	20.2	16	88	14	0
SÎDI BARÂNI	50	2	14	02	0	0	—	20.6	16	77	12	0
MATRÛH	330	3	11	00	1	0	—	20.0	15	88	13	0
EL DABA	360	5	[illegible]	01	1	2	Cu	20.4	15	77	11	0
ALEXANDRIA	360	11	35	01	2	3	AC	20.2	15	77	11	0
Alex (Airport)	00	0	12	01	2	6	Sc, Ci	19.9	15	82	12	0
DAMIETTA	340	5	7	01	0	1	Cu	19.4	16	77	12	0
PORT SAÏD	10	10	14	02	0	2	SC	19.1	16	17	12	0
EL ARISH	350	3	14	01	1	0	—	18.0	16	68	10	0
DAMANHÛR	360	9	15	02	1	1	Cu	19.8	16	68	10	0
MANSÛRA	360	5		00	1	0	—	19.4	15	77	11	0
TANTA	360	2	35	01	2	4	Cu	20.0	14	88	12	0
ZAGAZIG	00	0	35	02	1	0	—	18.8	16	68	10	0
ISMAILIA	20	5	35	01	0	0	—	17.3	16	59	8	0
Cairo (Airport)	360	17	12	03	2	6	Sc	18.4	18	64	11	0
ALMÂZA	50	13	12	03	2	7	Sc	18.5	17	68	11	0
EZBEKIYA	360	8	10	01	2	3	Sc	18.4	17	64	10	0
GIZA	360	8	10	01	2	3	Sc	18.8	18	56	9	0
HELWÂN	360	16	7	01	1	3	Ci	18.8	17	60	9	0
FAIYÛM	360	4	35	01	1	3	Ci	19.2	17	52	7	0
MINYA	360	3	8	02	0	0	—	18.1	16	59	8	0
ASYUT MANQABAD	360	2	8	02	0	0	—	16.9	18	49	7	0
NAG HAMMADI	290	1		00	0	0	—	15.6	20	41	6	0
QENA	270	1	7	00	0	0	—	14.9	23	24	1	0
LUXOR	320	10	12	02	0	0	—	13.6	22	17	-4	0
ASWAN	360	6	50	00	0	0	—	13.4	25	17	-2	0
SÎWA	30	3	8	01	1	0	—	18.8	22	23	0	0
BAHARIYA	360	1	15	02	0	0	—	18.8	19	49	8	0
FARAFRA	360	10	15	00	0	0	—	18.4	18	52	8	0
DAKHLA	320	11	35	00	0	0	—	16.6	21	26	1	0
KHARGA	00	0	15	00	0	0	—	15.6	20	24	-1	0
SUEZ	360	11	15	01	0	0	—	17.9	17	60	9	0
TÔR	220	9	7	02	0	0	—	15.6	20	64	13	0
HURGHADA	300	28	12	02	0	0	—	14.4	20	56	11	0
QUSEIR	360	13	15	02	0	0	—	13.8	22	50	11	0

At 0600 on Tuesday 7th April, 1953

Wind 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
320	9	15	00	0	0	—	20.3	+5.5	15	21?	-3	12	0	68	9	0	37		SALUM
250	2	10	10	4	0	—	19.6		14	18		9		88	12	0	109		SÎDI BARÂNI
260	7	0.9	42	4	7	St	18.6	+3.4	13	18		9		97	13	0	52		MATRÛH
250	4	15	01	1	1	Cu	18.0		15	19		10		77	11	0	95		EL DABA
360	10	50	03	2	5	Sc	18.3	+3.6	15	19	-4	14	0	77	11	0	125	161	ALEXANDRIA
00	0	18	01	2	5	Sc	18.1	+2.0	14	19	-3	13	+1	82	11	0	122	137	Alex (Airport)
[illegible]20	5	7	03	1	4	Cu	18.2	+3.6	16	19	-3	11	-2	77	12	0	56	101	DAMIETTA
350	6	14	03	0	3	Cu	18.0	+2.1	16	19	-2	15	0	82	13	0	61		PORT SAÏD
240	2	18	02	1	5	Cu, Sc	16.8	+2.5	15	20		12		77	11	0	46		EL ARISH
360	5	7	02	0	0	—	19.2	+4.4	16	21	-5	12	0	68	10	0	Rain	94	DAMANHÛR
20	5	15	00	0	0	—	18.3	+3.3	16	22	-4	11	0	68	10	0	48	48	MANSÛRA
00	0	35	02	1	0	—	19.1	+4.1	14	22	-5	8	-2	88	12	0	18	36	TANTA
00	0	35	02	0	0	—	18.5	+3.5	15	25	-2	9	-2	77	11	0	24	25	ZAGAZIG
340	2	35	03	2	8	Ac	17.4		15	23		11		77	11	0	32		ISMAILIA
00	0	0.9	46	4	6	Sc	18.3		12	22		11		97	12	0	7		Cairo (Airport)
00	0	0.7	47	4	9		18.5	+2.4	11	22	-4	11	-2	97	11	0	8		ALMÂZA
350	2	4	05	2	8	Sc	18.6	+3.6	14	24	-3	12	-1	82	11	0	15	23	EZBEKIYA
350	2	4	05	2	8	Sc	18.3	+3.0	14	23	-4	10	0	82	11	0	43	22	GÎZA
340	8	7	01	2	7	Sc	18.6	+3.8	15	21	-6	13	0	68	9	0	3	25	HELWÂN
360	4	35	02	2	8	Sc	18.4	+3.3	14	23	-5	11	-1	88	12	0	14	8	FAIYÛM
350	10	8	03	0	2	Sc	18.0	+1.6	14	25	-3	10	-2	82	11	0	1		MINYA
340	4	10	02	0	0	—	17.3	+2.9	14	26	-3	10	-2	67	8	0	2		ASYÛT MANQABAD
290	1		00	0	0	—	15.2	+3.5	15	28	-2	10	-2	68	9	0	0.3		NAG HAMMÂDI
270	1	35	00	0	0	—	13.9	+0.5	20	31	-3	10	-5	33	3	0	2		QENA
240	5	30	02	0	0	—	14.0	+0.5	19	30		13		43	6	0	1		LUXOR
340	9	50	00	0	0	—	14.8	+1.8	18	29	-5	15	-3	52	8	0	2		ASWÂN
00	0	14	00	0	0	—	20.3	+4.3	15	27	+1	9	-2	48	4	0	2	8	SÎWA
360	2	35	02	2	7	AC	19.9	+4.2	12	25	-4	9	-2	88	10	0	dr.	7	BAHARIYA
360	2	35	00	0	0	—	20.2		14	2		9		87	8	0	1		FARAFRA
340	15	50	00	0	0	—	18.9	+3.5	16	27	-5	10	-3	49	5	0	0		DAKHLA
00	0	15	00	0	0	—	16.3	+2.2	16	27	-5	13	-1	49	5	0	dr.		KHARGA
310	5	35	00	0	0	—	17.6	+2.7	15	23	-4	6	-8	77	11	0	45	15	SUEZ
40	2?	35	02	0	0	—	15.8	+2.9	20	24	-3	15	0	56	11	0	Rain	13	TÔR
290	20?	30	02	0	0	—	13.9	-0.3	17	25	-1	15	+1	64	10	0	7		HURGHADA
360	3	15	02	0	0	—	12.4	-0.4	20	24	-3	17	-2	46	8	0	12	4	QUSEIR
330	9	30	03	0	1	Cu	11.7		25	29		17		54	15	0			PORT SUDAN
360	6	30	02	0	0	—	15.7		18	31		12		32	1	0			WÂDI HALFA
360	9	15	07	0	0	—			20	33		17		21	-3	0			ABU HAMAD
20	13	30	02	0	0	—	14.0		21	34		17		17	-5	0			KAREIMA
360	15	10	07	0	0	—	11.1		23	36		19		12	-8	0			ATBARA
110	12	30	02	0	0	—	11.3		23	36		19		11	-9	0			KHARTÛM
40	5	30	02	0	0	—	7.7		28	39		17		31	9	0			KASSALA
50	13	35	02	0	0	—	10.1		24	38		15		13	-7	0			WAD MEDANI
360	19	35	02	0	2	AC			27	40		18		20	2	0			RENK
310	2	35	02	0	0	—	8.1		29	39		22		35	12	0			ROSEIRES
																			EL OBEID
10	4	30	02	0	0	—			20	32		12		21	-3	0			EL FASHER
40	15	30	01	1	3				21	35		19		11	-11	0			GENEINA
20	13	30	01	2	5	AS	8.9		29	41		24		20	4	0			MALAKAL
360	7	30	02	0	1	AC	8.1		28			23		20	3	0			WAU
180	2	30	02	4	7	AC	9.1		26	36		24				1			JUBA

HUMIDITY Mean of day

Station	6th	from normal
Alexandria	74	+8
Ezbekiya	66	+10
Giza	66	+8
Helwan	63	+20

GIZA Grass minimum temp. 7th 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

Cairo AIRPORT On 6th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	156	20		360	4
950					
900					
850	1527	8		330	8
800					
700	3105	2		340	17
600					
500	5733	-16		310	28
400	7373	-27		310	36
300	9377	-42			
200	12200	-56			

Khartoum AIRPORT On 7th At 05h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		19		10	33
900	490	18		10	27
850	1478	16		320	8
800	1994	18		280	6
700	3121	11		320	8
600	4383	3		260	26
500	5831	-6		240	39
400	7547	-16		260	45
300	9675	-21		280	57
200	12472	-49		250	49

AIRPORT On At

Pressure 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		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		S.Barani		Minya		El Arish	
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	10	360	15	340	15	340	5	340	11	340	20	10	8	340	6	340	24	10	22	10	9	350	11	10	10
600	330	8	360	14	340	16	340	6	340	14	330	7	360	12	10	9	350	20	20	28	350	10	350	13	10	8
1000	350	11	360	14	360	17	360	10	340	12	340	25	10	13	10	10	340	17	20	29	340	8	320	5	20	18
1500	350	15	350	17					340	14					360	16			20	30	20	11	360	15	10	13
2000	360	16													360	12					30	14	350	10	360	20
3000															350	14					360	24				
4000															350	22										
5000															350	13										
6000															330	35										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saïd		El Arîsh		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		8		8		8		4		7 45		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	330	10	330	12	320	5	340	8	280	3	10	11	10	8	340	9	350	6			350	16	20	10
600	330	10	350	14	310	6	340	7	320	15	10	15	360	13	350	12	320	4			330	13	20	11
1000	350	9	350	15	310	8	60	2	10	11	30	17	20	13	360	13	340	10			290	16	10	11
1500	360	12	350	19			360	11	30	15	20	15	360	13	360	22	320	17			320	8	30	11
2000	360	12	10	19			360	14	20	19	20	15	350	10	360	16	280	3			40	5	20	17
3000	340	10					360	10			20	19			350	13	270	3			20	5	10	2
4000																							350	10
5000																							360	17
6000																							210	23
7000																							260	25
8000																							260	25

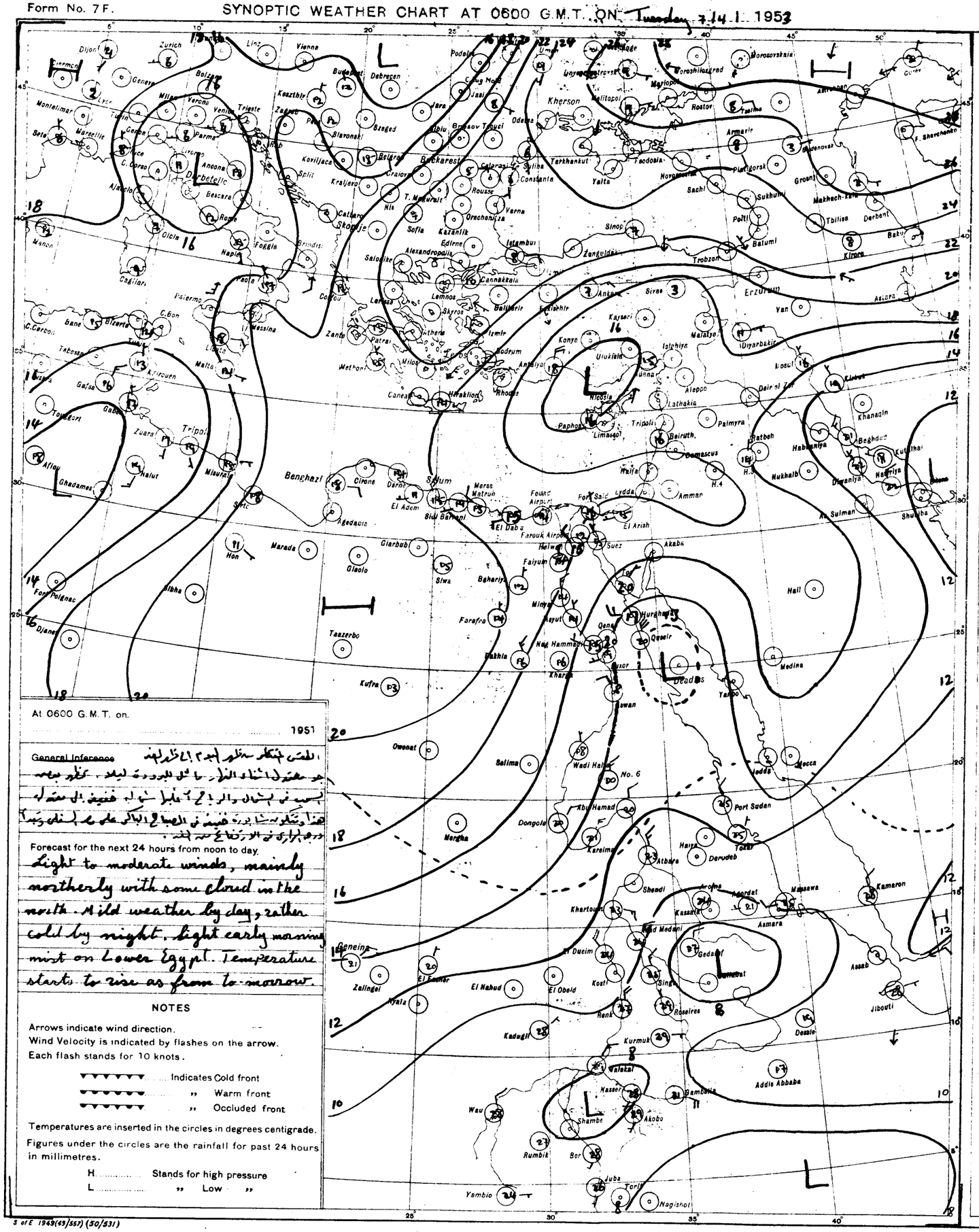
Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8								5									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	130	7	350	15	350	7	360	19																
600	100	10	360	17	10	11	350	20							40	30								
1000	40	15	350	30	10	18	360	10							10	27								
1500	20	15	340	30	10	17	10	23							350	13								
2000	10	13	340	35			360	23																
3000	360	32	350	24											320	12								
4000	360	31																						
5000	350	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.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 7.14.1.1953



At 0600 G.M.T. on.

..... 1951

General Inference

الطقس يتكلم مثلو أبدا إلا ظهر لهم
جو معتدل أثناء النهار ما فيش البرودة ليلا. عكس بعض
يسبب في الشمال والرياح أغلبها شمالي خفيف إلى معتدل
هذا ويتكون بشا برة خفيفة في الصباح الباكر على شمال وبحر
درجة الحرارة في الارتفاع من الغد.

Forecast for the next 24 hours from noon to day.

Light to moderate winds, mainly northerly with some cloud in the north. Mild weather by day, rather cold by night. Light early morning mist on Lower Egypt. Temperature starts to rise as from to-morrow.

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front

▼▼▼▼▼▼ ..... " Warm front

▼▼▼▼▼▼ ..... " Occluded front

Temperatures are inserted in the 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 37 G.M.T.
" " Sunset 16 18 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 8th April, 1952 3

At 1200 on Tuesday 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	SALÛM	360	13	35	00	0	0	—	19.8	19	64	12
	303	SÎDI BARÂNI	220	9	15	03	0	1	CS	18.0	18	78	14
	306	MATRÛH	310	14	14	02	4	0	—	17.8	19	73	14
	305	EL DABʿA	340	9	35	01	1	1	Cu	16.9	19	64	12
		ALEXANDRIA	270	16	50	02	2	4	Cu	17.1	19	64	12
	318	Alex. (Airport)	300	2	18	02	1	5	Cu	17.2	19	64	12
	330	DAMIETTA	340	5	35	00	1	0	—	16.6	19	64	12
	333	PORT SAʿÎD	350	8	30	02	0	1	Cu	16.4	18	68	12
	336	EL ʿARISH	330	6	30	02	1	4	Cu	15.1	18	68	12
LOWER EGYPT	339	DAMANHUR	40	9	15	02	1	1	Cu	16.4	21	57	12
	342	MANSURA	270	5	15	03	2	5	Cu	16.4	23	44	10
	348	TANTA	310	2	35	01	1	2	Cu	16.0	23	38	8
	354	ZAGAZIG	00	0	50	02	1	3	Cu	16.4	24	47	12
	440	ISMAʿILIA	360	5	35	02	1	6	Cu	15.4	23	44	10
CAIRO AREA	366	Cairo (Airport)	360	4	18	01	2	2	Cu	15.8	22	44	9
	372	ALMÂZA	330	13	30	02	1	3	Cu	15.5	22	36	6
		EZBEKÎYA			30	03	2	2	Cu	15.4	22	47	10
		GÎZA			30	03	2	2	Cu	16.0	22	44	9
	378	HELWÂN	320	13	15	01	1	1	Cu	15.8	21	41	7
UPPER EGYPT	381	FAIYÛM	360	6	35	01	1	1	Cu, Sc	15.2	23	38	8
	387	MINYA	360	12	8	01	0	1	Cu	14.7	23	44	10
	393	ASYÛT MANQABÂD	350	13	30	02	0	0	—	13.4	24	22	1
	399	NAGʿ HAMMÂDI	270	2	7	00	0	0	—	12.0	26	30	7
	402	QENA	270	1	50	00	0	0	—	10.2	32	20	6
	405	LUXOR	340	8	30	02	0	0	—	10.6	27	14	-3
	414	ASWÂN	340	4	50	00	0	0	—	11.2	26	30	7
OASES	417	SÎWA	330	4	14	00	0	0	—	19.5	26	21	2
	420	BAHARÎYA	360	3	35	02	0	0	—	16.3	23	44	10
	423	FARAFRA	340	23	35	00	0	0	—	18.7	24	21	0
	432	DAKHLA	340	11	50	00	0	0	—	15.9	24	26	3
	435	KHARGA	340	7	15	00	0	0	—	13.5	25	24	3
RED SEA	450	SUEZ	360	12	50	03	0	5	Cu	14.6	22	44	9
	459	TOR	310	19	15	05	0	0	—	12.4	21	65	14
	462	HURGHÂDA	360	12	30	02	0	0	—	11.1	20	60	12
	465	QUSEIR	360	19	15	02	0	0	—	10.8	23	50	12
	641	PORT SUDÂN											
NORTH SUDÂN	600	WÂDI HALFA											
	640	ABU HAMAD	30	0	30	02	0	0	—		30	10	-5
	660	KAREIMA	310	5	35	02	0	0	—	10.5	31	16	2
	680	ʿATBARA											
	721	KHARTÛM	340	10	30	03	0	1	Ci	6.4	34	5	-10
	730	KASSALA	310	5	30	03	0	1	Cu	2.4	37	13	5
CENTRAL SÛDÂN	751	WÂD MEDANI	50	9	35	02	0	0	—	4.3	31	29	11
	801	RENK	310	13	50	02	0	2	AC		38	17	9
	802	ROSEIRES	310	2	35	02	0	2	Cu	1.9	39	13	6
	771	EL OBEID	350	9	30	02	0	0	—	6.3	32	7	-8
	760	EL FÂSHER	50	4	30	02	0	0	—		31	16	2
	770	GENEINA	30	15	30	01	1	2	Ci		33	5	-13
S. SÛDÂN	840	MALAKÂL	360	7	30	03	2	8	Ac, Cs	3.4	37	18	9
	860	WAU	50	8	30	03	1	5	Cu, Ci	2.9	37	16	9
	941	JUBA	70	4	50	02	2	6	Cb, Ac	3.0	37	35	19

At 1800 on Tuesday 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.
SALÛM	20	5	15	00	0	0	—	18.8	16?	88	14	0
SÎDI BARÂNI	320	1	14	02	1	0	—	17.7	16	82	13	0
MATRÛH	300	5	14	01	0	0		17.3	15	87	15	0
EL DABʿA	320	8	7	00	0	0	—	17.3	16	88	14	0
ALEXANDRIA	310	16	35	02	2	5	Cb	16.7	16	88	14	0
Alex. (Airport)	340	4	12	03	2	6	Sc	16.2	16	88	14	0
DAMIETTA	320	5	7	00	0	0	—	16.4	16	77	12	0
PORT SAʿÎD	320	10	12	02	0	0	—	15.8	17	77	13	0
EL ʿARISH	350	3	30	01	1	1	Cu	15.2	16	72	11	0
DAMANHUR	40	9	15	02	1	1	Cu	16.3	16	77	12	0
MANSURA	340	9		00	1	0	—	16.2	16	77	12	0
TANTA	310	2	35	01	1	3	Cu	16.4	16	88	14	0
ZAGAZIG	00	0	35	02	1	0	—	15.6	17	68	11	0
ISMAʿILIA	20	5	35	01	0	0	—	15.8	17	77	13	0
Cairo (Airport)	360	4	12	01	0	0	—	16.3	18	64	11	0
ALMÂZA	340	12	12	00	1	0	—	16.3	19	49	8	0
EZBEKÎYA			12	00	1	0	—	15.8	19	56	10	0
GÎZA			12	00	1	0	—	15.8	17	68	11	0
HELWÂN	340	9	15	01	1	0	—	15.6	19	46	7	0
FAIYÛM	00	0	35	01	0	0	—	15.0	18	52	8	0
MINYA	00	0	8	02	0	0	—	14.8	16	59	8	0
ASYÛT MANQABÂD	310	2	8	02	0	0	—	14.3	17	42	4	0
NAGʿ HAMMÂDI	290	2		00	0	0	—	12.7	21	44	8	0
QENA	270	1	7	00	0	0	—	11.6	22	29	3	0
LUXOR	290	8	12	02	0	0	—	11.9	23	22	0	0
ASWÂN	360	4	50	00	0	0	—	12.2	23	32	5	0
SÎWA	270	2	8	00	0	0	—	17.8	21	31	3	0
BAHARÎYA												
FARAFRA	340	8	15	00	0	0	—	17.2	20	33	3	0
DAKHLA	320	15	35	00	0	0	—	14.8	21	26	1	0
KHARGA	360	4	15	00	0	0	—	13.9	20	24	-1	0
SUEZ	360	11	15	01	0	0	—	14.7	18	52	8	0
TOR	310	9	15	05	0	0	—	12.2	21	65	14	0
HURGHÂDA	320	23	12	02	0	0	—	11.8	21	50	10	0
QUSEIR	360	5	15	02	0	0	—	11.4	21	57	12	0

At 0600 on Wednesday 8th April, 1953

Wind 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
220	13	15	03	1	6	St	18.2	+3.5	14	21	-3	12	0	77	10	0	37		SALUM
300	10	14	02	2	7	St	17.3		16	19		13		82	13	0	109		SÎDI BARÂNI
240	11	18	03	1	8	St	15.9	+0.8	15	20		10		88	13	0.2	52		MATRÛH
320	10	15	01	1	3	St	15.3		17	20		11		77	13	0	95		EL DABʿA
310	16	50	03	2	7	St	15.4	+0.7	16	20	-3	15	+1	77	12	0	125	181	ALEXANDRIA
00	0	12	02	2	7	Sc	15.0	-1.1	17	20	-2	15	+3	83	14	0	123	137	Alex. (Airport)
220	2		03	0	3	AC	14.6	0.0	17	19	-3	11	-2	77	13	0	56	101	DAMIETTA
270	11	12	02	0	1	Cu	14.5	-1.4	17	20	-1	14	-1	77	13	0	61		PORT SAʿÎD
00	0	18	03	2	7	Cu, Sc	14.4	+0.1	16	20		10		72	11	0	46		EL ʿARISH
360	9	15	02	1	6	Cu	15.4	+0.7	16	22	-4	13	+1	68	10	0	43	45	DAMANHÛR
270	3	15	02	1	2	AC	14.8	-0.2	17	23	-3	12	0	77	13	0	48	49	MANSÛRA
270	2	35	01	1	3	Cu	15.0	0.0	17	24	-3	12	+1	72	72	0	18	36	TANTA
00	0	35	03	1	5	Cu	14.8	-0.2	18	25	-2	13	+2	73	13	0	29	25	ZAGAZIG
320	2	35	03	1	2	AC	15.1		18	24		12		73	13	0	32		ISMAʿILIA
00	0	12	01	2	6	Sc	15.5		16	23		13		72	11	0	7		Cairo (Airport)
320	3	12	01	2	7	Sc	15.4	-0.7	16	23	-3	13	0	64	9	0	8		ALMÂZA
300	2	12	03	0	7	Sc	15.3	+0.3	17	24	-3	14	+1	68	11	0	15	23	EZBEKÎYA
300	2	12	03	0	7	Sc	15.6	+0.4	18	23	-4	13	+3	68	12	0	43	22	GÎZA
340	4	7	01	1	5	Sc	16.2	+1.5	16	23	-4	13	0	68	10	0	3	25	HELWÂN
20	4	35	02	2	6	Cu, Sc	16.3	+1.2	16	24	-5	12	0	68	10	0	14	8	FAIYÛM
360	10	8	02	0	0	—	15.9	-0.4	16	24	-5	10	0	77	12	0	1		MINYA
330	6	12	03	0	2	AC	15.0	+0.6	14	26	-3	11	-1	77	10	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	13.9	+0.3	17	28	-2	12	0	52	7	0	0.3		NAGʿ HAMMÂDI
270	2	35	00	0	0	—	13.6	+0.3	21	33	-1	12	-3	41	7	0	2		QENA
250	6	30	02	0	0	—	13.9	+0.5	20	28		13		38	5	0	1		LUXOR
20	8	50	00	0	0	—	13.5	+0.6	20	27	-7	15	-3	56	11	0	2		ASWÂN
60	0	14	00	0	0	—	18.4	+2.4	15	27	-1	9	-2	55	6	0	Rain	8	SÎWA
																		7	BAHARÎYA
00	0	35	00	0	0	—	18.0		18	25		12		52	8	0	1		FARAFRA
340	19	50	00	0	0	—	16.7	+2.3	17	25	-7	13	0	42	4	0	0		DAKHLA
360	1	15	00	0	0	—	15.1	+1.1	17	25	-7	13	-1	60	9	0	dr.		KHARGA
40	6	35	00	0	2	Ci	14.6	-0.3	16	24	-3			68	10	0	45	15	SUEZ
310	9	15	02	0	0	—	12.6	-0.2	19	23	-4	17	+1	64	12	0	Rain	13	TOR
										21	-3								HURGHADA
330	9	15	02	0	0	—	11.9	-0.8	21	23	-4	18	-1	50	10	0	12	4	QUSEIR
00	0	30	02	0	3	Ci	11.2		24	29		16		65	17	0			PORT SÛDÂN
00	0	30	01	0	0	—	15.5		17	29		13		37	3	0			WÂDI HALFA
360	3	30	02	0	1	Ci			22	31		14		19	-3	0			ABU HAMAD
350	4	30	02	0	0	—	14.0		21	31		14		17	-5	0			KAREIMA
350	12	30	02	2	3	Ci	14.4		23	34		16		16	-4	0			ʿATBARA
																			KHARTÛM
360	4	30	02	0	0	—	10.0		24	38		21		36	8	0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
360	15	30	03	0	2	Ci	11.4		22	33		17		13	-8	0			EL OBEID
360	4	30	03	1	2	Ci			20	33		14		26	0	0			EL FÂSHER
																			GENEINA
20	17	30	02	1	2	AC, Ci	9.3		26	38		22		32	8	0			MALAKÂL
340	3	30	03	0	1	AC	8.8		27	40		22				0			WÂU
180	8	50	01	2	7	AC, Ci	7.6		28	37		26		66	21	0			JUBA

HUMIDITY % Mean of day

Station	on 7th	Diff from normal
Alexandria	75	+9
Ezbekiya	66	+10
Giza	72	+14
Helwan	61	+19

GÎZA
GRASS MINIMUM TEMP ON 8th 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

Almaza AIRPORT On 7th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	140	22		360	10
950					
900					
850	1516	7		350	10
800					
700	3099	0		330	12
600					
500	5691	-19		300	13
400	7319	-30		300	16
300	9309	-44		290	25

Khartoum AIRPORT On 8th At 05h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		21		350	27
900	1008	19		340	18
850	1496	19		340	19
800	2015	16		280	11
700	3130	10		280	26
600	4386	2		260	
500	5831	-8		240	47
400	7534	-16		250	43
300	9656	-29		260	48
200	12408	-52		230	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					

UPPER WIND OBSERVATIONS on 7th

Station	Matruh		Port Said		El Arish		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		Almaza		S. Barani		Farafra	
Time	14		14		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	340	11	330	10	340	15	360	12	340	15	330	11	290	15	350	23	10	20	340	21			360	8	350	23
600	350	13	320	10	340	13	350	11	340	11	330	13	300	13	350	21	10	26	330	17	220	3	360	9	340	11
1000	340	15	310	12	340	12	350	9	350	16	330	13	300	13	350	27	10	30	340	23	300	3	330	9	320	10
1500	350	15	320	9	330	4	340	18	360	16			320	20	340	28	20	24	320	23	290	10	340	7	350	8
2000	350	15	330	11			350	12	350	12			330	14							330	7	350	7		
3000							360	12	320	9			340	21							290	5	20	12		
4000													350	29												
5000													340	23												
6000													350	30												
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sîdi Barâni		Matrûh		Cairo Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		4		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	340	9	320	16	320	15	260	7					340	5	340	14							260	7
600	30	10	340	18	320	17	280	4					340	9	350	12							320	5
1000	350	16	330	16	320	16	280	5					350	8	360	23							310	17
1500	360	19	320	19			280	5					330	10	10	21								
2000	350	27	310	18									240	4										
3000	360	21																						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	7		8		8		8		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			320	14	360	9	360	16	350	9														
600			340	6	10	20	350	19	350	24			10	12	350	28							20	21
1000			360	8	360	21	360	25	10	25			360	19	350	21			10	30	30	13		
1500	360	6	350	18	360	25	360	26	340	18			350	15	330	16			20	9	20	11	30	17
2000	340	16	330	19															270	7				
3000	350	22							330	15			310	19	270	22					290	27	10	7
4000	360	25																						
5000	350	30							270	41			270	34										
6000	360	22											270	46	240	46								
7000																								
8000																								

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

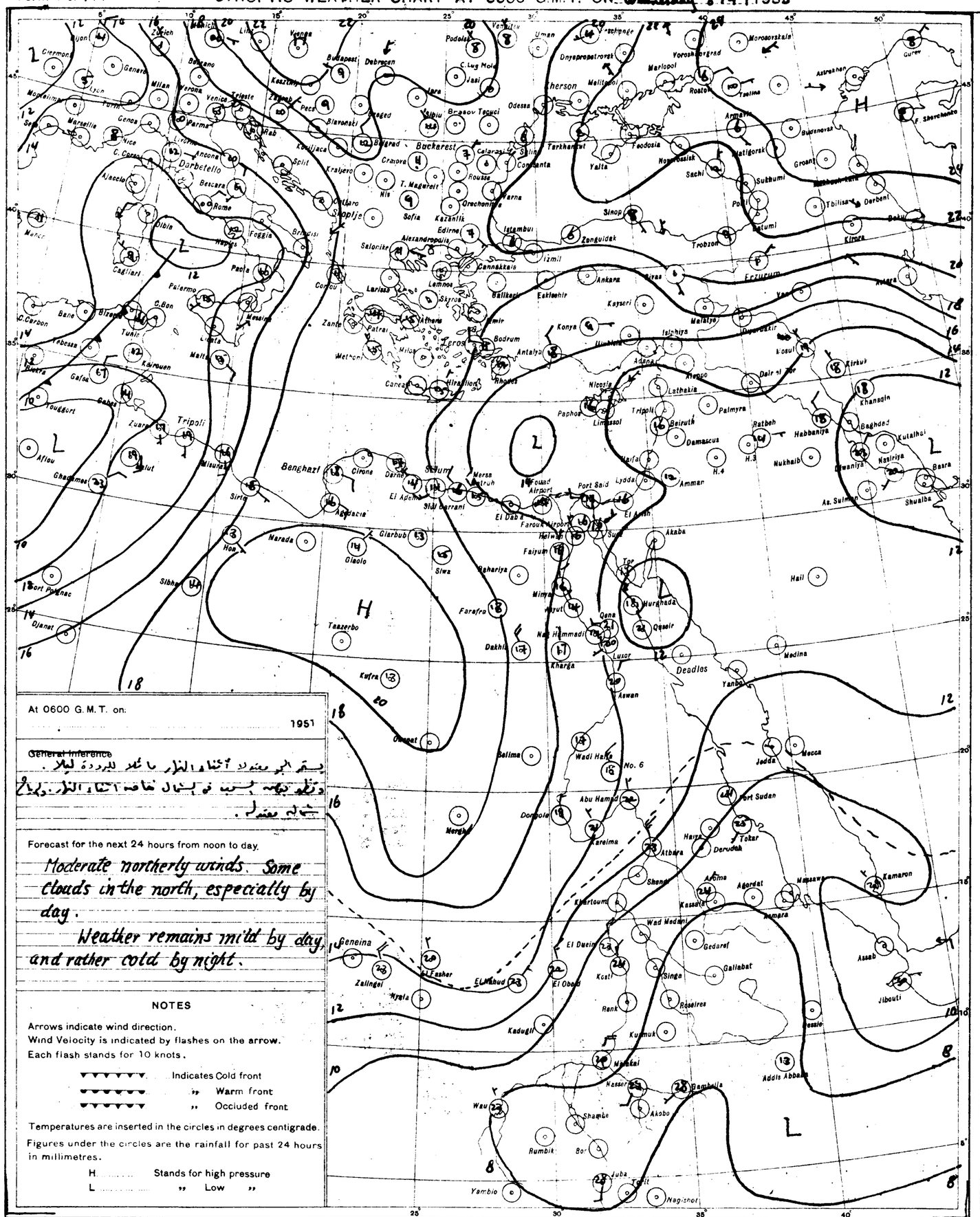
Note: All times are G.M.T.

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

Annual Subscription P.T. [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 8/4/1953



At 0600 G.M.T. on:

..... 1951

~~General inference~~

يستمر الجو معتدلا أثناء النهار ما عدا البرودة ليلا.
وتظهر بعض السحب في الشمال خاصة أثناء النهار. والرياح شمالية معتدلة.

Forecast for the next 24 hours from noon to day.

Moderate northerly winds. Some clouds in the north, especially by day.

Weather remains mild by day, and rather cold by night.

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 36 G. M. T.
" " Sunset 16 18 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 9th April, 1952 3

At 1200 on Wednesday 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	40	13	35	00	0	0	—	17.9	21	50	10
	303	SÎDI BARÂNI	350	9	15	02	0	0	—	17.4	19	78	15
	306	MATRÛH	310	12	14	02	1	5	Cu	16.3	19	78	15
	309	EL DABA	320	10	35	01	1	2	Cu	15.5	20	56	11
		ALEXANDRIA	310	16	50	01	2	3	Cu	15.2	19	73	14
	318	Almaza (Airport)	320	11	18	02	1	3	Cu	14.9	19	73	14
	330	DAMIETTA	340	5	15	03	1	6	Cu	13.9	18	73	13
	333	PORT SA'ÎD	20	9	18	01	1	1	Cu	14.0	20	64	13
	336	EL 'ARISH	340	6	30	01	1	1	Cu	13.1	18	64	11
Lower Egypt	339	DAMANHUR	40	9	15	02	1	2	Cu	15.1	20	46	8
	342	MANSURA	320	5	15	03	2	4	Cu	14.6	23	44	10
	348	TANTA	300	8	35	03	2	5	Cu	15.1	22	50	11
	354	ZAGAZIG	00	0	50	01	1	4	Cu	14.3	25	47	13
	440	ISMA'ÎLÎA	290	2	35	03	1	6	Cu	13.1	24	47	12
Cairo Area	356	Cairo (Airport)	320	9	14	02	2	5	SC	14.1	22	50	11
	372	ALMAZA	310	13	30	02	1	5	Cu	13.3	24	34	7
		EZBEKÎYA	350	3	18	01	2	4	Cu	12.6	24	38	9
		GÎZA	350	3	18	01	2	4	Cu	13.0	24	34	7
	378	HELWÂN	320	7	35	02	2	6	Cu	13.6	22	36	6
Upper Egypt	381	FAIYÛM	360	6	35	01	1	2	Cu, Sc	14.3	25	34	8
	387	MINYA	350	16	10	02	0	0	—	14.0	27	27	6
	393	ASYÛT MANQABÂD	320	14	12	02	0	0	—	13.6	26	18	0
	399	NAG' HAMMÂDI	320	2	7	00	0	0	—	12.6	26	28	6
	402	QENA	270	2	50	00	0	0	—	10.4	29	14	-1
	405	LUXOR	310	19	30	02	1	0	—	10.6	28	14	-2
	414	ASWAN	340	6	50	00	0	0	—	11.0	27	27	6
Oases	417	SÎWA	260	6	14	00	0	0	—	17.2	27	20	2
	420	BAHARÎYA	320	2	35	02	0	0	—	18.3	25	28	5
	423	FARAFRA	340	18	35	00	0	0	—	17.4	26	25	4
	432	DAKHLA	320	26	15	00	0	0	—	15.6	26	18	0
	435	KHARGA	360	7	7	00	0	0	—	13.8	26	35	9
Red Sea	450	SUEZ	360	9	50	03	0	4	Cu	12.3	23	38	8
	459	TÛR	270	9	35	02	0	0	—	10.0	23	61	15
	462	HURGHÂDA	350	22	18	02	0	0	—	10.3	22	47	10
	465	QUSEIR	360	24	15	02	0	0	—	9.8	24	54	14
	641	PORT SUDÂN	50	15	30	03	0	1	Cu	9.0	27	70	21
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	360	1	30	03	1	5	Cs		29	9	-7
	660	KAREIMA	310	13	30	03	0	2	Cs	10.0	29	10	-6
	680	'ATBARA	330	7	10	05	1	5	Ci	7.7	31	7	-9
	721	KHARTUM	10	12	30	02	0	1	Ci	7.9	31	10	-4
	730	KASSALA	340	6	30	02	0	0	—	4.4	36	10	0
Central Sudan	751	WÂD MEDANI	360	9	35	02	0	0	—	6.0	34	5	-10
	801	RENK	360	25	35	02	0	2	Ac		35	22	10
	802	ROSEIRES	310	5	35	02	0	0	—	3.4	36	9	-2
	771	EL OBEID	360	12	30	02	0	0	—	6.9	31	8	-8
	760	EL FÂSHER	70	4	30	03	2	8	Cs		31	19	5
	770	GENEINA	40	10	30	03	2	8	Ci		31	11	-3
South Sudan	840	MALAKÂL	40	13	30	03	2	6	Ci	3.1	36	25	13
	880	WAU	130	5	30	02	0	0	—	3.7	37	8	-3
	941	JUBA	310	5	50	80	8	7	Cs	1.6	35	35	17

At 1800 on Wednesday 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	Rain Past 12 hrs mms
Mediterranean	62300	SALÛM	340	5	15	00	0	0	—	18.3	18	52	8	0
	303	SÎDI BARÂNI	350	3	14	02	0	0	—	17.7	18	73	13	0
	306	MATRÛH	310	8	14	03	2	5	Sc, Cu	16.6	16	94	15	0
	309	EL DABA	340	9	7	01	1	1	Cu	16.7	16	77	12	0
		ALEXANDRIA	350	10	35	03	2	4	Cu	15.8	16	77	12	0
	318	Almaza (Airport)	360	5	14	01	2	4	Sc	16.3	16	77	12	0
	330	DAMIETTA	360	5	7	01	1	1	Cu	15.2	16	88	14	0
	333	PORT SA'ÎD	20	9	12	02	0	2	Sc	14.8	16	82	13	0
	336	EL 'ARISH	360	4	14	03	0	1	Cu	13.7	16	72	11	0
Lower Egypt	339	DAMANHUR	40	5	15	02	1	1	Cu	15.8	16	68	10	0
	342	MANSURA	360	3		00	1	0	—	15.1	16	77	12	0
	348	TANTA	270	2	35	01	2	4	Cu	15.1	15	88	13	0
	354	ZAGAZIG	00	0	35	02	1	0	—	14.7	16	77	12	0
	440	ISMA'ÎLÎA	20	5	35	03	1	6	Cu	14.6	18	60	10	0
Cairo Area	356	Cairo (Airport)	360	11	12	00	1	0	—	15.5	17	72	12	0
	372	ALMAZA	20	13	12	00	1	0	—	14.7	18	56	9	0
		EZBEKÎYA	350	4?	10	00	1	0	—	15.1	19	64	12	0
		GÎZA	350	4?	10	00	1	0	—	15.1	17	68	11	0
	378	HELWÂN	340	14	7	01	1	0	—	14.6	18	60	10	0
Upper Egypt	381	FAIYÛM	00	0	35	01	0	0	—	15.0	19	52	9	0
	387	MINYA	350	5	8	01	1	0	—	14.1	17	56	8	0
	393	ASYÛT MANQABÂD	270	2	12	02	0	0	—	14.0	20	35	4	0
	399	NAG' HAMMÂDI	340	1		00	0	0	—	13.3	21	50	10	0
	402	QENA	270	2	7	00	0	0	—	12.3	24	26	3	0
	405	LUXOR	280	7	12	02	0	0	—	12.8	23	20	-1	0
	414	ASWAN	00	0	50	00	0	0	—	13.3	24	26	3	0
Oases	417	SÎWA	30	8	8	00	0	0	—	16.3	24	19	-1	0
	420	BAHARÎYA	340	3	15	02	0	0	—	15.9	20	33	3	0
	423	FARAFRA	360	5	15	00	0	0	—	16.6	20	24	-1	0
	432	DAKHLA	360	11	35	00	0	0	—	15.0	22	16	-5	0
	435	KHARGA	00	0	15	00	0	0	—	13.6	21	20	-3	0
Red Sea	450	SUEZ	360	10	15	01	0	0	—	13.3	20	46	8	0
	459	TÛR	310	5	35	02	0	0	—	12.2	23	72	5	0
	462	HURGHÂDA	320	10	12	02	1	0	—	11.2	21	50	10	0
	465	QUSEIR	330	2	15	02	0	0	—	11.1	21	57	12	0
	641	PORT SUDÂN	330	7	30	02	0	1	AC	10.4	24	84	21	0
North Sudan	600	WÂDI HALFA	330	11	30	02	1	4	Ci	13.4	23	18	-3	0
	640	ABU HAMAD			30	01	2		Ci		25			0
	660	KAREIMA	340	8	30	01	1	1	Ci	12.1	24	13	-7	0
	680	'ATBARA	340	3	30	01	1	0	—	9.8	26	11	-7	0
	721	KHARTUM	350	5	30	01	1	0	—	9.7	25	18	-1	0
	730	KASSALA	320	4	30	02	0	0	—	8.4	26	13	-5	0
Central Sudan	751	WÂD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID	360	8	30	02	0	0	—	9.3	25	11	-8	0
	760	EL FÂSHER	40	4	30	02	0	0	—		26	25	4	0
	770	GENEINA	20	10	30	01	1	4	Cs		27	13	-4	0
South Sudan	840	MALAKÂL	10	6	30	01	1	0	—	5.2	28	31	9	0
	880	WAU	00	0	30	01	2	0	—	3.8	31	19	5	0
	941	JUBA	180	6	30	03	6	8	Ac, Ci	3.0	31	49	19	dr.

At 0600 on Thursday 9th April, 1952

Area	Index Number	Station	Wind 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.
Mediterranean	62300	SALÛM	350	5	15	00	0	0	—	18.8	+4.1	19	22	-2	12	0	37	4?	0	37	
	303	SÎDI BARÂNI	180	5	12	02	0	0	—	18.6		16	19		9		77	12	0	109	
	306	MATRÛH	260	3	14	01	4	5	St	18.4	+3.3	15	20		10		88	13	0	52	
	309	EL DABA	350	2	15	01	1	1		18.4		16	20		11		77	12	0	95	
		ALEXANDRIA	40	10	50	00	0	0	—	18.4	+3.8	16	20	-3	15	0	77	12	0	125	181
	318	Almaza (Airport)	360	3	18	01	1	0	—	18.2	+2.1	17	20	-2	14	+2	77	13	0	122	137
	330	DAMIETTA	320	2	15	00	0	0	—	17.8	+3.2	16	20	-2	14	+1	82	13	0	56	101
	333	PORT SA'ÎD	350	8	14	02	1	1	Cu	17.6	+1.7	18	21	0	16	+1	73	13	0	61	
	336	EL 'ARISH	360	3	30	02	2	6	Sc, Cu	16.6	+2.4	18	19		13		78	14	0	46	
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	18.2	+3.5	17	21	-5	13	+1	68	11	0	43	95
	342	MANSURA	40	5	15	00	0	0	—	18.0	+3.1	17	23	-3	12	0	77	13	0	48	49
	348	TANTA	00	0	35	02	0	0	—	18.5	+3.6	15	23	-4	9	-2	88	13	0	18	36
	354	ZAGAZIG	00	0	35	02	0	0	—	17.8	+2.9	16	26	-1	9	-2	72	11	0	29	25
	440	ISMA'ÎLÎA	340	2	35	01	0	0	—	17.8		18	25		11		73	13	0	32	
Cairo Area	356	Cairo (Airport)	00	0	12	05	1	3	Sc	18.2		14	25		11		82	11	0	7	
	372	ALMAZA	20	5	10	03	1	5	Cu	18.1	+2.0	15	24	-2	12	-1	68	9	0	8	
		EZBEKÎYA	20	5	12	02	1	5	Cu	18.4	+3.5	16	25	-3	12	-1	77	12	0	15	23
		GÎZA	20	5	12	02	1	5	Cu	18.7	+3.7	16	25	-2	12	+2	77	12	0	43	22
	378	HELWÂN	360	13	7	03	1	1	Cu	18.6	+3.9	15	23	-5	13	0	77	11	0	3	25
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	18.7	+3.7	16	27	-2	12	0	77	12	0	14	8
	387	MINYA	350	8	8	02	2	8	Sc	17.9	+1.6	15	27	-2	11	+1	82	12	0	1	
	393	ASYÛT MANQABÂD	330	7	6	10	0	5	St	17.0	+2.7	14	27	-2	11	-1	72	9	0	2	
	399	NAG' HAMMÂDI	340	1		01	0	2	As	16.3	+2.8	17	28	-3	12	0	60	9	0	0.3	
	402	QENA	220	1	35	00	0	0	—	15.2	+1.9	21	31	-3	11	-4	50	10	0	2	
	405	LUXOR	270	2	30	02	0	0	—	15.1	+1.8	21	29		12		35	5	0	1	
	414	ASWAN	180	1	50	00	0	0	—	15.5	+2.6	20	28	-6	15	-3	56	11	0	2	
Oases	417	SÎWA	00	0	14	00	0	0	—	20.4	+4.5	15	29	+1	9	-2	63	8	0	Rain	8
	420	BAHARÎYA	40	2	35	02	2	3	Cu	19.6	+4.0	15	26	-3	11	-1	77	11	0	dr.	7
	423	FARAFRA	350	6	35	00	0	0	—	19.9		15	27		9		68	9	0	1	
	432	DAKHLA	20	9	50	00	0	0	—	18.7	+4.3	18	26	-6	12	-1	37	3	0	0	
	435	KHARGA						0	—	17.5	+3.6	17	27	-5	14	-1	60	9	0	dr.	
Red Sea	450	SUEZ	360	7	35	00	0	2	Cu	17.8	+3.0	17	24	-3			68	11	0	45	15
	459	TÛR	310	5	35	02	0	0	—	14.8	+2.0	21			16	0	33	4	0	Rain	13
	462	HURGHÂDA	310	20	20	02	0	0	—	13.7	-0.4	19	22	-2	13	-2	60	11	0	7	
	465	QUSEIR	330	5	15	02	0	0	—	12.8	+0.2	21	24	-3	17	-2	57	12	0	12	4
	641	PORT SUDÂN	340	7	30	01	1	1	AC	12.7		25	29		16		58	16	0		
North Sudan	600	WÂDI HALFA	10	7	30	03	0	2	Ci	16.0		19	29		13		30	1	0		
	640	ABU HAMAD	360	7	30	03	1	7	Cs			21	31		15		20	-3	0		
	660	KAREIMA	20	10	30	03	1	4	Cs	14.9		21	30		15		21	-2	0		
	680	'ATBARA	360	13	30	03	1	4	Ci	12.2		23	35		17		15	-5	0		
	721	KHARTUM	360	15	30	02	2	6	Ci	12.4		22	33		17		17	-4	0		
	730	KASSALA	340	3	30	03	0	1	Cs	10.3		26	36		15		23	3	0		
Central Sudan	751	WÂD MEDANI	50	13	35	02	1	3	Ci	11.0		25	35		14		9	-11	0		
	801	RENK																			
	802	ROSEIRES	50	5	35	02	0	0	—	10.6		27	37		17		13	-4	0		
	771	EL OBEID	20	3	30	03	0	3	Cs	12.7		21	33		15		16	-6	0		
	760	EL FÂSHER	30	2	30	03	1	8	Cs			19	32		11		30	1	0		
	770	GENEINA	40	17	30	02	2	8	Cs			20	32		18		18	-5	0		
South Sudan	840	MALAKÂL	20	20	30	03	0	2	Cs	9.2		25	38		21		36	9	0		
	880	WAU	360	10	30	02	2	6	Cc	9.3		25	39		22		16	-3	0		
	941	JUBA	180	5	30	01	2	5	Ac, Ci	8.4		28	38		24		66	21	dr.		

HUMIDITY %

Mean of day

Station	on 8th	Diff. from normal
Alexandria	78	+12
Ezbekiya	62	+6
Giza	65	+7
Helwan	59	+17

GÎZA
GRASS MINIMUM TEMP. ON 7th 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

Cairo AIRPORT — On 8th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	122	23		360	9
950		19		360	25
900					
850	1504	11		330	10
800					
700	3087	-1		320	17
600					
500	5724	-15		320	28
400	7367	-28		330	43
300	9372	-42		330	49
200	12203	-50			

Khartoum AIRPORT — On 9th At 05h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950		19		360	25
900	1012	19		20	22
850	1479	17		360	12
800	2015	16		270	5
700	3139	11		310	11
600	4444	4		260	21
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.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	S. Bunni Dir.	S. Bunni Vel.	Farafra Dir.	Farafra Vel.
Time	14		14		14		14		14		14		14		14		14		14		14		14		14	
300	330	23	10	4	10	15	350	18	340	24	350	12	320	26	330	16	340	11	340	15	360	23	10	11	340	13
600	360	13	360	14	320	9	350	20	340	14	340	15	320	30	320	26	330	10	340	21	10	28	350	14	340	15
1000	360	13	360	14	280	9	340	16	330	16	340	13	320	26	330	32	330	11	340	26	10	28	360	14	340	15
1500	360	20	330	10	270	6	310	13	320	20	320	23	310	10	320	47	340	11					350	24	340	21
2000	340	23	320	7	250	8	310	6	320	18	320	30	330	17			350	23					360	27	340	24
3000			330	15	240	13	320	23			330	21	330	14			10	19					30	28		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Almaza Airport Dir.	Almaza 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.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	8		8		2		2		8		6 45		8		8		8						4	
300	180	4	120	3	10	10	340	12	350	6	10	25	10	9	340	12	320	8					230	8
600	150	4	60	3	10	13	350	14	300	10	20	13	20	11	350	14	300	10					240	10
1000	40	7	80	4	350	13	350	12	330	13	220	10	20	12	350	16	360	3					220	13
1500	350	16	360	14			20	9					10	15	340	20	30	7					230	26
2000	10	19	360	21			10	9					350	16	360	34	40	1						
3000	360	30					20	5							350	27	10	12						
4000																								
5000																								
6000																								
7000																								
8000																								

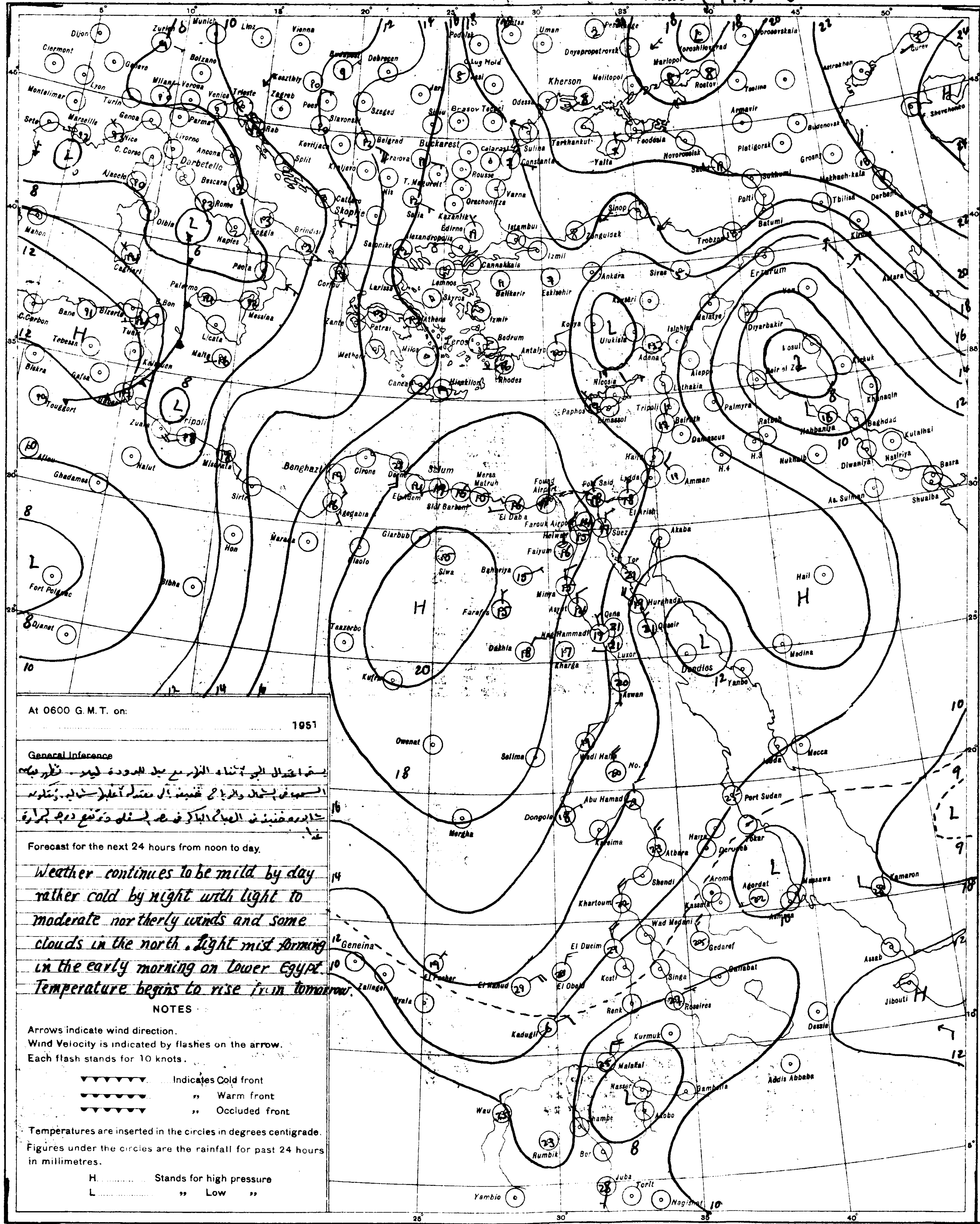
Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	7		8		8		8		4						4				4		5		4	
300	140	10	10	9	40	9	360	12	10	11														
600	110	8	20	9	360	8	20	14	20	21					360	22							10	29
1000	90	10	30	10	360	19	20	16	10	24					360	19			20	34	30	18	20	27
1500	50	27	30	16	340	39	350	27	10	22					350	9			20	18			360	27
2000	40	29	40	19			350	24							300	6			330	13				
3000	20	31	10	18					20	17					320	14			280	14			350	13
4000	30	31							360	9														
5000															230	38								
6000															250	35								
7000															260	28								
8000															240	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.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/55) (50/531)

Form. No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 9.14.1953



At 0600 G.M.T. on: 1951

General Inference

يستمر اعتدال الجو أثناء النهار مع ميل للبرودة ليلا. تظهر بعض
السحب في الشمال والرياح خفيفة الى معتدلة أغلبها شمالية. يتكون
شابورة خفيفة في الصباح الباكر في مصر السفلى وترتفع درجة الحرارة
غدا.

Forecast for the next 24 hours from noon to day.

Weather continues to be mild by day rather cold by night with light to moderate northerly winds and some clouds in the north. Light mist forming in the early morning on Lower Egypt. Temperature begins to rise from tomorrow.

NOTES

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

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

Temperatures are inserted in the 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(43/567) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 35 G.M.T.
" " Sunset 16 19 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 10th April, 1952 3

At 1200 on Thursday 9th

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	SALÛM	70	4	35	00	0	0	—	17.2	24	69	18
	303	SÎDI BARÂNI	20	6	18	02	0	0	—	18.0	21	50	10
	306	MATRÛH	20	6	18	02	0	0	—	17.3	22	49	9
	309	EL DAB'A	360	4	35	00	0	0	—	17.5	22	36	6
		ALEXANDRIA	310	12	50	00	0	0	—	18.4	20	56	11
	318	FOUAD (Airport) (Alex)	320	8	18	02	0	0	—	17.6	20	60	12
	330	DAMIETTA	320	2	35	00	0	0	—	17.4	21	41	7
	333	PORT SA'ÎD	340	8	30	02	0	1	Cu	17.5	20	56	11
	336	EL 'ARISH	280	6	30	01	2	1	Cu	16.6	20	64	13
Lower Egypt	339	DAMANHUR	310	9	15	00	0	0	—	18.0	23	44	10
	342	MANSURA	360	5	35	02	1	2	Cu	17.5	24	32	6
	348	TANTA	310	5	35	02	1	1	Cu	18.0	24	32	6
	354	ZAGAZIG	320	1	50	02	1	3	Cu	17.4	26	42	12
	[illegible]	ISMAÎLIA	360	5	35	01	1	3	Cu	16.7	24	26	3
Cairo Area	[illegible]	FAROUK (Airport) (Cairo)	360	13	12	02	0	3	Cb	17.5	23	34	6
	372	ALMÂZA	20	11	30	02	1	6	Cu	16.8	23	32	5
		EZBEKÎYA	40	2	18	01	1	3	Cu	17.6	23	44	10
		GÎZA	40	2	18	01	1	3	Cu	17.5	24	34	7
	[illegible]	HELWÂN	360	5	35	03	1	3	Cu	17.2	23	32	5
Upper Egypt	[illegible]	FAIYÛM	360	6	35	01	1	2	Cu, Sc	17.2	24	32	6
	[illegible]	MINYA	350	12	8	01	0	0	—	17.0	24	38	9
	[illegible]	ASYÛT MANQABAD	360	12	30	02	0	0	—	15.7	25	14	5
	[illegible]	NAG' HAMMÂDI	250	2	7	00	0	0	—	14.7	27	33	9
	[illegible]	QENA	270	3	50	00	0	0	—	13.1	29	19	3
	[illegible]	LUXOR	340	7	30	02	0	0	—	13.5	27	19	1
	[illegible]	ASWÂN	360	4	50	00	0	0	—	12.6	28	22	4
Oases	[illegible]	SÎWA	300	2	15	00	0	0	—	19.5	26	23	3
	[illegible]	BAHARÎYA	360	2	35	02	1	0	—	17.6	24	38	9
	[illegible]	FARAFRA	40	10	35	00	0	0	—	18.4	24	26	3
	[illegible]	DAKHLA	340	25	50	00	0	0	—	16.8	24	26	3
	[illegible]	KHARGA											
Red Sea	[illegible]	SUEZ			50	03	0		Cu	16.3	23	53	13
	[illegible]	TÔR	270	19	15	07	0	0	—	14.6	22	50	11
	[illegible]	HURGHÂDA	350	23	30	02	0	0	—	14.6	22	44	9
	[illegible]	QUSEIR	360	13	15	02	0	0	—	14.0	22	57	13
	[illegible]	PORT SUDÂN	30	13	30	03	1	7	Cs	10.4	27	70	21
Northern Sudan	[illegible]	WÂDI HALFA											
	[illegible]	ABU HAMAD	360	9	30	02	2	8	Cs		30	10	-5
	[illegible]	KAREIMA	350		30	03	2	7	Cs	10.6	30	7	-4
	[illegible]	ATBARA	360	8	30	02	2	7	Cs	7.6	32	12	-1
	[illegible]	KHARTUM											
	[illegible]	KASSALA	360	5	30	02	1	0	—	4.7	35	10	-1
Central Sudan	[illegible]	WAD MEDANI	360	9	35	02	1	2	Ci	6.8	33	7	-7
	[illegible]	RENK	360	19	35	02	0	2	Ac		35	22	10
	[illegible]	ROSEIRES	50	2	35	02	0	0	—	3.0	37	10	0
	[illegible]	EL OBEID											
	[illegible]	EL FÂSHER	50	5	30	02	1	8	Cs		27	20	4
	[illegible]	GENEINA	40	13	30	02	2	8	Cs		30	9	-6
Southern Sudan	340	MALAKÂL	20	13	30	23	1	3	Cs	3.4	36	5	-9
	[illegible]	WAU	360	7	30	01	1	1	Ci	3.8	36	10	-1
	[illegible]	JUBA	90	5	30	01	1	4	Cu, Ac	2.2	38	9	-1

At 1800 on Thursday 9th

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
SALÛM	40	5	15	00	2	0	—	16.2	20	64	13	0
SÎDI BARÂNI	140	7	14	02	0	0	—	16.7	17	49	6?	0
MATRÛH	120	3	11	02	0	0	—	17.4	16	72	11	0
EL DAB'A	00	0	7	00	0	0	—	17.3	16	77	12	0
ALEXANDRIA	00	0	35	00	0	0	—	17.8	20	46	8	0
FOUAD (Airport)	00	0	12	02	0	0	—	18.4	16	83	13	0
DAMIETTA	320	2		00	0	0	—	18.6	17	77	13	0
PORT SA'ÎD	310	14	8	02	0	0	—	18.1	17	68	11	0
EL 'ARISH	00	0	14	01	1	0	—	17.2	16	83	13	0
DAMANHUR	310	9	15	02	0	0	—	18.4	17	64	10	0
MANSURA	360	5		00	1	0		18.3	17	77	13	0
TANTA	00	0	35	01	1	2	Cu	18.3	17	77	13	0
ZAGAZIG	00	0	35	02	1	0	—	18.7	17	68	11	0
ISMAÎLIA	360	5	35	02	0	0	—	18.3	18	52	8	0
FAROUK (Airport) (Cairo)	360	9	12	00	0	0	—	18.6	20	41	6	0
ALMÂZA	40	7	12	00	1	0	—	18.0	21	28	2	0
EZBEKÎYA	320	2	10	00	1	0	—	18.2	20	53	10	0
GÎZA	320	2	10	00	1	0	—	18.3	21	41	7	0
HELWÂN	360	8	15	01	1	0	—	18.3	20	33	3	0
FAIYÛM	00	0	35	01	0	0		17.5	19	52	9	0
MINYA												
ASYÛT MANQABAD	330	6	10	02	0	0	—	16.8	18	46	6	0
NAG' HAMMÂDI	00	0		00	0	0	—	15.4	19	52	9	0
QENA	270	1	7	00	0	0	—	14.6	24	21	0	0
LUXOR	00	0	12	02	0	0	—	13.5	21	28	2	0
ASWÂN	340	3	50	00	0	0	—	13.9	24	26	3	0
SÎWA	240	3	8	00	0	0	—	18.8	21	31	3	0
BAHARÎYA	00	0	15	02	0	0	—	18.6	20	41	6	0
FARAFRA	00	0	15	00	0	0	—	19.4	18	20	-5	0
DAKHLA	340	15	35	00	0	0	—	17.2	21	16	-6	0
KHARGA	360	2	15	00	0	0	—	15.8	21	20	-3	0
SUEZ	360	7	15	01	0	0	—	18.0	19	37	4	0
TÔR	310	5	35	02	0	0	—	14.2	21	50	10	0
HURGHÂDA	320	19	12	02	0	0	—	13.3	21	50	10	0
QUSEIR	360	9	15	02	0	0	—	12.4	21	50	10	0

At 0600 on Friday 10th April, 195-

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	220	24	15	07	0	0	—	15.8	+1.2	21	26	+1	18	+6	26	1	0	37	
SÎDI BARÂNI	190	13	14	02	0	0	—	16.2		22	24		17		19	-2	0	104	
MATRÛH	210	15	12	02	0	0	—	16.6	+1.6	21	24		14		31	3	0	52	
EL DAB'A	330	7	15	00	0	0	—	17.6		19	23		10		30	1	0	95	
ALEXANDRIA	180	6	50	00	0	0	—	19.2	+4.6	19	20	-3	13	-2	46	7	0	125	181
FOUAD (Airport) (Alex)	00	0	18	02	0	0	—	19.3	+3.3	16	21	-1	10	-3	59	8	0	122	137
DAMIETTA	180	1	15	00	0	0	—	18.8	+4.3	15	21	-1	9	-4	77	11	0	56	101
PORT SA'ÎD	220	11	12	02	0	0	—	19.5	+3.7	18	21	0	14	-1	68	12	0	61	
EL 'ARISH	170	2	30	03	1	2	Sc, Cu	18.9	+4.8	18	20		11		60	10	0	46	
DAMANHÛR	230	9	50	02	0	0	—	20.4	+5.8	17	27	+1	12	0	60	9	0	43	95
MANSÛRA	220	5	15	00	0	0	—	20.2	+5.3	17	25	-2	9	-3	60	9	0	48	49
TANTA	220	2	35	02	0	0	—	20.3	+5.5	18	25	-2	8	-3	60	10	0	18	36
ZAGAZIG	00	0	35	02	0	0	—	20.0	+5.1	18	27	0	9	-2	60	10	0	29	25
ISMAÎLIA	160	2	35	01	0	0	—	19.9		18	25		10		73	13	0	32	
FAROUK (Airport) (Cairo)	250	4	18	00	0	0	—	20.4		18	24		12		37	3	0	7	
ALMÂZA	200	6	12	00	0	0	—	19.8	+3.8	20	24	-2	12	-1	30	2	0	8	
EZBEKÎYA	200	3	8	00	0	0	—	20.1	+2	18	26	-2	12	-1	56	9	0	15	23
GÎZA	200	3	8	00	0	0	—	20.8	+5.8	19	25	-3	9	-1	52	9	0	43	23
HELWÂN	00	0	15	02	0	0	—	20.7	+6.1	17	24	-4	13	-1	42	4	0	3	26
FAIYÛM	00	0	35	02	0	0	—	20.7	+5.8	17	25	-4	10	-2	60	9	0	14	8
MINYA	150	2	8	02	0	0		20.9	+4.7	16			8	-2	68	10	0	1	
ASYÛT MANQABAD	280	2	14	02	0	0	—	20.1	+5.9	17	26	-3	11	-2	39	3	0	2	
NAG' HAMMÂDI	00	0		00	0	0	—	19.0	+5.6	18	28	-3	12	0	46	6	0	0.3	
QENA	40	1	35	00	0	0	—	18.4	+5.2	22	30	-4	13	-2	29	3	0	2	
LUXOR	10	2	30	01	0	4	Ci	18.5	+5.3	20	28		13		33	3	0	1	
ASWÂN	20	3	50	01	1	3	Ci	18.4	+5.6	21	29	-5	15	-3	50	10	0	2	
SÎWA	40	2	14	00	0	0	—	19.8	+4.0	17	29	0	11	0	42	4	0	2	8
BAHARÎYA	360	1	35	02	0	0	—	20.7	+5.2	18	25	-5	9	-3	52	8	0	dr.	7
FARAFRA	00	0	35	00	0	0	—	20.7		16	26		8		32	-1	0	1	
DAKHLA	180	15	50	00	0	0	—	20.0	+5.7	20	26	-7	13	-1	33	3	0	0	
KHARGA	00	0	35	02	2	2	Ci	18.8	+5.0	20	26	-1	15	0	46	6	0	dr.	
SUEZ	00	0		00	0	0	—	20.3	+5.6	18	24	-3			46	6	0	45	15
TÔR	360	5	35	02	0	0	—	19.1	+6.4	23	25	-2	15	-1	38	8	0	Rain	13
HURGHÂDA	310	8	30	02	0	0	—	18.5	+4.5	20	22	-2	14	-1	49	9	0	7	
QUSEIR	360	13	15	02	0	0	—	17.5	+4.9	21	23	-4	18	-1	57	12	0	12	4
PORT SÛDÂN	340	12	30	02	1	3	Ci	14.5		25	29		20		54	15	0		
WÂDI HALFA	360	10	30	03	0	7		17.5		17					34	1	0		
ABU HAMAD	360	4	30	02	2	8	Cs			21	30		18		17	-5	0		
KAREIMA	40	7	30	03	1	6	Cs	15.6			31		18			-4	0		
ATBARA	30	7	30	01	1	2	Ci	12.5		22	33		17		14	-7	0		
KHARTUM	360	11	30	03	1	6	Cs	11.3		23	32		14		18	-3	0		
KASSALA																			
WAD MEDANI	50	7		02	2	8	Ci	10.6		24	35		16		13	-7	0		
RENK																			
ROSEIRES																			
EL OBEID	20	18	30	01	2	5	Ac, Cs	12.6		22	31		15		14	-7	0		
EL FÂSHER	20	1	30	03	1	6	Cs			18	31		11		30	0	0		
GENEINA	40	17	30	03	2	8	Cs			20	32		17		15	-8	0		
MALAKÂL	360	14	30	01	0	1		7.8		26	37		19		11	-7	0		
WAU	360	7	30	02	1	4	Ac, Ci	7.3		25	38		22		16	-3	0		
JUBA	180	5	30	01	2	6	Ac, Cc	8.4		29	38		22		52	18	0		

HUMIDITY

Mean of day

Station	9th	Diff. from normal
Almaza	75	+9
Ezbekiya	61	+6
Giza	56	-1
Helwan	50	+8

GÎZA
GRASS MINIMUM TEMP.
on 10th 6.2 °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 (Cairo) AIRPORT — On 9th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	156	24		360	19
950					
900					
850	1544	11		360	9
800					
700	3132	2		360	28
600					
500	5770	-15		350	32
400	7415	-28		350	41
300	9415	-44			

Khartoum AIRPORT — On 9th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	—				
950		29		360	15
900	999	24		360	15
850	1493	21		10	15
800	2007	15		10	15
700	3124	11		270	15
600	4387	3		250	31
500		-5		260	39
400	7571	-13		240	34
300	9705	-30		230	39
200	12494	-53		240	53

... AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 9th

Station	Almaza		S.Barani		Matruh		Luxor		Alex.A.P.		Dakhla		Minya		Kharga		Asyut		Aswan		Siwa		Farafra		P.Said	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	10	280	10	30	3	340	17	270	8	330	27	350	11	360	6	350	12	350	14			10	13	330	17
600	350	18	260	11	250	6	340	15	340	5	330	21	350	12	360	20	350	10	340	30			30	20	320	16
1000	350	22	280	10	260	5	340	10	320	10	320	17	340	11	360	21	360	16	320	27	60	5	30	23	320	11
1500	360	23	330	9	220	13	350	13	20	19			10	9	350	22	360	14	330	16	10	16	20	17	330	19
2000	360	23	330	12	360	22	10	15									360	16			10	18	30	20	340	14
3000	20	28	340	23	350	26	320	11													20	29	20	21		
4000	260	35	350	32																	10	30	20	22		
5000	350	37																								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	SÎDI BARÂNI		MATRÛH		Alex (Fouad) AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWAN		HURGHÂDA		Almaza	
Time	8		8		2		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	240	31	250	18	70	8	250	5					350	4	40	14					330	26	40	1
600	240	28	260	25	310	6	290	6					340	6	10	16					310	21	350	5
1000	260	23	270	7	300	7	320	12					20	7	20	18					270	10	330	12
1500	270	17	250	7	340	11	340	11					110	10	30	30					270	9	340	17
2000			290	7											30	30							360	24
3000																							360	40
4000																							360	47
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
Time	7		8		8		8				3				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	190	19	20	8	60	7	40	7																
600	200	16	20	7	70	9	50	8			20	14			10	17							10	30
1000	220	11	70	3	70	10	20	22			30	31			20	26			20	21	30	25	10	42
1500	220	6	70	7	70	10	40	20			50	17			30	25			50	28	50	17	40	18
2000	60	3	90	6	60	14					90	7												
3000	10	17	50	10											310	3			310	9	300	15	40	6
4000	20	21	30	23															310	15				
5000	20	35													340	3								
6000																			240	16				
7000																								
8000																								

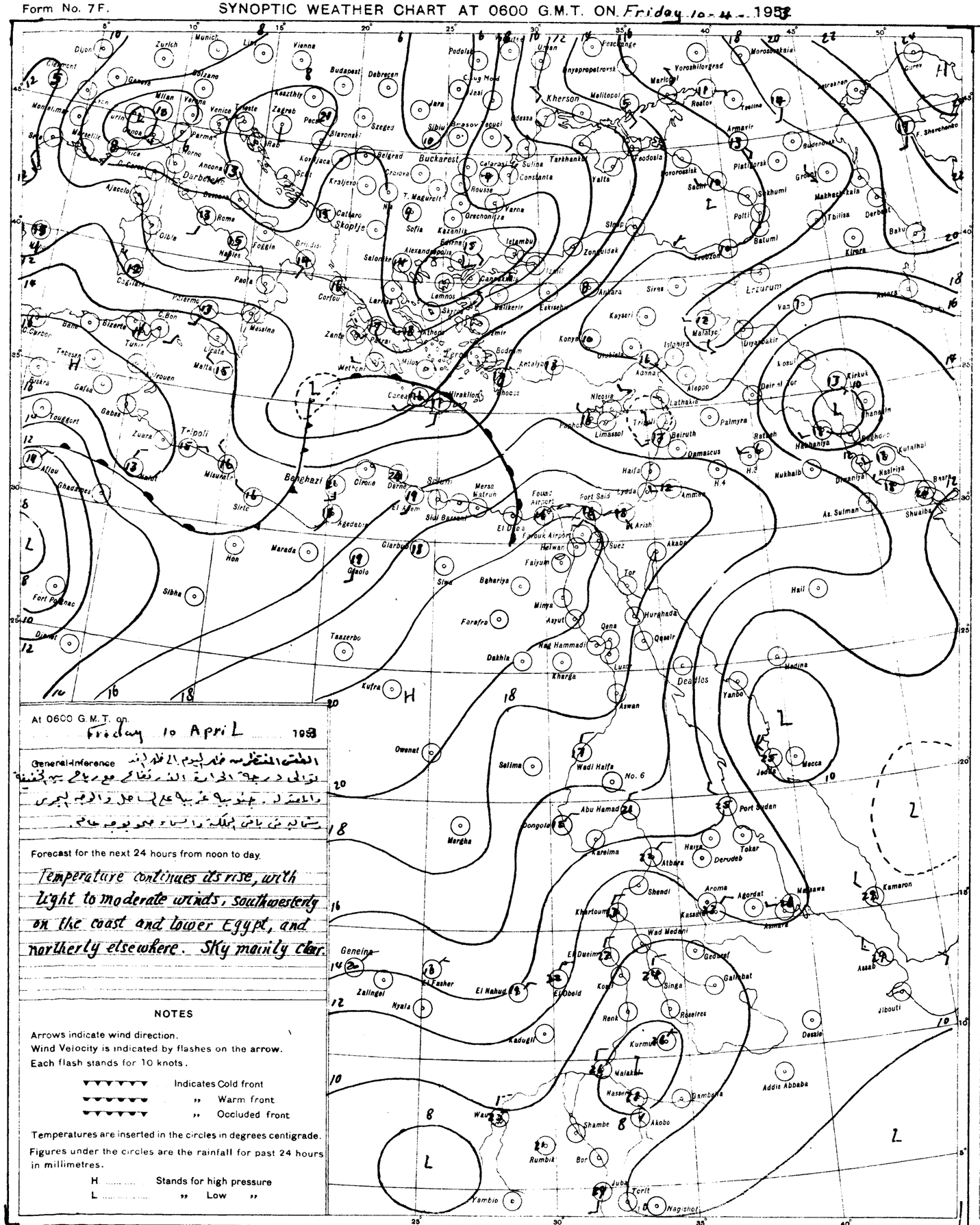
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 10-4-1953



At 0600 G.M.T. on Friday 10 April 1953

General Inference

الطقس المنتظر من غد اليوم الى غد ايضا
تواتي درجة الحرارة الى ارتفاع مع رياح بين الجنوبية
والشمالية . جنوبية غربية على الساحل والوجه البحري
شمالية في باقي المملكة والسماء صحو بوجه عام .

Forecast for the next 24 hours from noon to day.

Temperature continues its rise, with light to moderate winds, southwesterly on the coast and lower Egypt, and northerly elsewhere. Sky mainly clear.

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 33 G.M.T.
" " Sunset 16 19 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 11th April, 1953

At 1200 on Friday 10th / At 1800 on Friday 10th

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	250	4	35	00	0	0	—	14.8	34	18	6	220	24	15	00	0	0	—	17.3	31?	22	7	0
	303	SÎDI BARÂNI	260	16	14	02	0	0	—	15.6	34	6	-8	190	10	14	02	1	0	—	18.4	24	16	-4	0
	306	MATRÛH	250	6	14	02	0	0	—	16.2	34	19	7	210	9	11	02	0	0	—	18.3	25	39	10	0
	305	EL DAB'A	320	6	35	00	0	0	—	17.6	30	11	-4	160	7	7	00	0	0	—	18.3	22	29	3	0
		ALEXANDRIA	270	9	50	00	0	0	—	19.4	25	28	5	130	10	35	00	0	0	—	18.7	25	34	8	0
	318	~~FAROUK~~ Alex (Airport)	270	4	18	02	0	0	—	19.3	28	22	4	00	0	18	02	0	0	—	18.9	21	57	12	0
	330	DAMIETTA	340	2	35	00	0	0	—	19.4	25	32	7	360	2		00	0	0	—	18.8	20	56	11	0
	333	PORT SA'ÎD	40	2	30	02	0	0	—	19.5	24	47	12	130	10	12	02	0	0	—	19.2	20	53	10	0
	336	EL 'ARISH												120	2	14	02	0	0	—	19.5	17	64	10	0
Lower Egypt	339	DAMANHUR	200	9	15	02	0	0	—	19.4	28	27	7	200	9	15	02	0	0	—	19.4	21	57	12	0
	342	MANSURA	320	3	35	00	0	0	—	19.4	28	27	7	360	3		00	0	0	—	19.0	21	50	10	0
	348	TANTA	220	8	35	02	0	0	—	19.6	29	19	3	00	0	35	02	0	0	—	19.2	22	44	9	0
	354	ZAGAZIG	00	0	50	02	0	0	—	19.2	28	40	13	00	0	35	02	0	0	—	18.7	23	50	12	0
	440	ISMA'ILIA	290	2	35	01	0	0	—	19.4	28	22	4	70	2	35	02	0	0	—	19.1	22	44	9	0
Cairo Area	366	FAROUK (Airport)	360	3	30	02	0	0	—	18.8	27	25	5	70	3	14	02	0	0	—	18.9	24	34	7	0
	372	ALMÀZA	340	9	30	00	0	0	—	18.8	29	14	-1	70	5	12	00	0	0	—	19.1	25	24	3	0
		EZBEKIYA	320	2	30	03	0	1	Cu	18.6	29	31	10	00	0	10	00	0	0	—	19.6	22	53	12	0
		GÎZA	320	2	30	03	0	1	Cu	19.1	28	22	4	00	0	10	00	0	0	—	19.6	[illegible]	56	10	0
	378	HELWÂN	290	13	15	02	0	0	—	18.8	27	20	2	360	5	7	02	0	0	—	19.4	24	[illegible]	3	0
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	19.0	28	22	4	00	0	35	02	0	0	—	18.7	21	41	7	0
	387	MINYA	340	11	10	02	0	0	—	19.2	29	23	6	00	0	8	02	0	0	—	19.0	18	64	11	0
	393	ASYÛT MANQABÂD	360	12	30	02	0	0	—	18.6	30	11	-3	310	7	8	02	0	0	—	18.5	22	36	6	0
	399	NAG' HAMMÂDI	200	1	7	01	0	2	Ci	16.4	30	21	5	00	0		00	0	0	—	17.5	20	56	11	0
	402	QENA	40	1	50	00	0	0	—	16.2	29	14	-1	70	1	7	00	0	2	—	18.0	23	32	5	0
	405	LUXOR	40	4	30	02	1	4	Ci	16.4	29	13	-2	00	0	12	02	0	0	—	16.8	22	31	4	0
	414	ASWAN	20	4	50	01	1	3	Ci	15.0	30	25	8	360	6	50	00	0	0	—	15.8	27	27	6	0
Oases		SIWA	230	6	14	00	0	0	—	19.5	32			190	2	8	00	0	0	—	18.3	25	19	0	0
		BAHARIYA	00	0	35	02	0	0	—	19.0	29	35	12	00	0	15	02	0	0	—	19.6	22	44	9	0
		FARAFRA	00	0	35	00	0	0	—	19.6	29	11	-4	00	0	15	00	0	0	—	19.5	23	24	1	0
		DAKHLA	80	4	50	00	0	0	—	17.9	29	19	3	360	11	35	00	0	0	—	17.8	25	22	2	0
		KHARGA	40	6	15	00	0	0	—	16.4	29	14	-1	360	2	15	00	0	0	—	17.4	24	21	0	0
Red Sea		SUEZ	180	6	50	02	0	0	—	18.6	25	28	5	00	0	15	02	0	0	—	19.5	[illegible]	38	18	0
		TÔR	270	9	35	02	0	0	—	17.6	23	50	12	10	2	15	02	0	0	—	18.0	21	65	14	0
	463	HURGHADA	360	9	30	02	0	0	—	17.8	22	50	11	250	8	12	02	0	0	—	17.0	19	43	6	0
	465	QUSEIR	360	19	15	02	0	0	—	17.4	23	57	14	20	2	15	02	0	0	—	17.6	21	50	10	0
		PORT SUDÂN	20	20	7	07	1	8	AC	12.4	27	58	18												
North Sudan		WÂDI HALFA	20	13	30	01	2	6	CS	13.5	29	13	-2												
		ABU HAMAD	360	1	30	01	2	7	CS		31	9	-6												
		KAREIMA	20	9	30	03	2	6	CS	10.6	32	8	-7												
		'ATBARA	20	8	30	01	2	4	CS	7.1	33	9	-4												
	721	KHARTÛM	20	5	30	02	2	7	CS	6.8	33	12	0												
		KASSALA	360	5	30	02	1	5	CS	4.4	36	17	7												
Central Sudan		WAD MEDANI																							
		RENK																							
	302	ROSEIRES																							
	771	EL OBEID	30	14	7	02	2	6																	
	760	EL FASHER	240	5	30	01	2	6	Ci		29	25	7												
	770	GENEINA	50	13	30	01	2	8	AC CS		31	8	-7												
South Sudan	540	MALAKÂL	80	7	30	03	1	6	CS	4.4	36	9	-2												
	360	WAU																							
	941	JUBA	50	4	30	03	2	7	Ci, AC	2.6	37	24	13												

At 0600 on Saturday 11th April, 1953

Wind 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
250	24	15	00	0	0	—	14.6	+0.1	24	35	+10	23	+11	61	16?	0	37		SALUM
220	17	10	05	0	1	CS	15.2		25	35		22		14	-5?	0	109		SÎDI BARÂNI
220	22	6	07	1	2	AC, Ci	15.8	+0.8	24	34		18		57	15?	0	52		MATRÛH
220	10	15	01	1	1	Cu	16.9		25	31		18		11	-8?	0	95		EL DAB'A
180	10	50	00	0	0	—	17.8	+3.2	23	28	+5	18	+3	24	1	0	125	182	ALEXANDRIA
00	0	18	02	0	0	—	18.4	+2.4	19	28	+6	17	+4	37	4	0	122	137	~~FAROUK~~ Alex (Airport)
200	2	15	00	0	0	—	17.9	+3.4	20	26	+4	14	+1	56	11	0	56	102	DAMIETTA
210	11	12	02	0	0	—	18.5	+2.7	21	25	+4	18	+3	47	9	0	61		PORT SA'ÎD
160	5	30	02	0	0	—	17.7	+3.6	23	23		15		29	4	0	46		EL 'ARISH
180	4	15	02	0	0	—	19.0	+4.5	21	30	+4	15	+3	41	7	0	43	95	DAMANHÛR
180	3	15	00	0	0	—	19.0	+4.1	21	30	+3	14	+2	50	10	0	48	49	MANSÛRA
220	2	35	02	0	0	—	18.8	+4.0	20	30	+2	16	+5	49	9	0	18	36	TANTA
00	0	35	02	0	0	—	19.2	+4.4	21	30	+2	15	+4	50	10	0	29	25	ZAGAZIG
160	2	35	01	0	0	—	18.8		22	29		14		50	11	0	32		ISMAILIA
00	0	12	02	0	0	—	19.3		22	28		18		33	5	0	7		~~FAROUK~~ Cairo (Airport)
200	7	12	00	0	0	—	19.4	+3.4	22	28	+2	18	+5	34	5	0	8		ALMÀZA
00	0	10	00	0	0	—	19.0	+4.2	22	30	+2	18	+5	38	7	0	15	23	EZBEKIYA
00	0	10	00	0	0	—	19.1	+4.1	21	29	+1	15	+5	41	7	0	43	23	GÎZA
00	0	7	05	0	0	—	19.6	+5.1	21	28	0	17	+3	26	1	0	3	26	HELWÀN
00	0	35	02	0	0	—	19.4	+4.6	20	30	+1	13	+1	46	8	0	14	8	FAIYÛM
00	0	8	02	0	0	—	19.9	+3.7	20	29	0	11	0	46	8	0	1		MINYA
00	0	30	02	0	0	—	19.4	+5.3	21	31	+2	17	+4	23	-1	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	18.6	+5.3	19	31	0	11	-1	46	7	0	0.3		NAG' HAMMÂDI
270	1	35	00	0	0	—	17.8	+4.7	20	31	-4	14	-1	38	5	0	2		QENA
20	2	30	02	0	0	—	17.9	+4.0	21	30		18		21	-2	0	1		LUXOR
360	7	50	00	0	0	—	17.1	+4.4	21	31	-4	15	-4	33	4	0	2		ASWÀN
00	0	14	00	0	0	—	18.8	+3.0	19	33	+4	14	+3	37	4	0	Rain	8	SÎWA
40	1	35	02	0	0	—	20.2	+4.8	20	31	+1	13	+1	56	11	0	dr.	7	BAHARÎYA
00	0	35	00	0	0	—	20.0		16	31		12		24	-5	0	1		FARAFRA
270	11	50	00	0	0	—	19.8	+5.6	19	30	-3	15	+1	37	4	0	0		DAKHLA
360	2	35	00	0	0	—	17.4	+3.6	22	29	-4	16	+1	21	-1	0	dr.		KHARGA
00	0	35	00	0	0	—	18.8	+4.2	24	27	-1			32	6?	0	45	15	SUEZ
140	2	35	02	0	0	—	18.2	+5.6	24	24	-3	14	-2	61	16?	0	Rain	13	TÔR
290	8	18	02	0	0	—	18.1	+4.2	23	23	-1	15	0	27	3?	0	7		HURGHADA
20	5	15	02	0	0	—	17.8	+5.3	23	24	-3	18	-1	50	12	0	12	4	QUSEIR
340	11	30	02	2	5	Sc, Ac			26	28		19		37	10	0			PORT SÛDÀN
360	3	30	02	0	0	—	15.5		18	31		14		30	0	0			WÂDI HALFA
360	2	30	01	1	1	AC			22	32		14		25	1	0			ABU HAMAD
40	11	30	03	0	2	AC CS	13.5		22	33		18		25	1	0			KAREIMA
20	14	10	07	1	2	AC	10.7		23	35		18		32	5	0			'ATBARA
40	14	30	02	1	2	CS	9.8		25	33		19		21	1	0			KHARTUM
210	2	30	03	1	5	CS	7.9		25	37		16		34	8	0			KASSALA
																			WAD MEDANI
																			RENK
	2	35	02	0		Ci	7.1		27	39		19		23	4	0			ROSEIRES
20	13	30	01	1	3	AC Ci	9.5		23	33		17		10	-10	0			EL OBEID
00	0	30	03	1	6	Ci			16	31		9		34	0	0			EL FÂSHER
40	16	30	03	1	6	Ci			20	33		17		15	-8	0			GENEINA
																			MALAKÂL
																			WÂU
70	13	18	05	2	7	AC CS	7.4		31	38		23		16	2	0			JUBA

Humidity % Mean of day

Station	On 10th	Diff. from normal
Alexandria	41	-25
Ezbekiya	52	-3
Giza	54	-3
Helwan	32	-10

GIZA
Grass Minimum Temp.
On 11th 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

[illegible] AIRPORT — On 10th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	167	27		340	4
950					
900					
850	1570	16		340	10
800					
700	3180	4		10	27
600					
500	5840	-13			
400	7492	-25			
300	9524	-40			

Khartoum AIRPORT — On 11th At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		22		30	24
900	996	23		40	24
850	1490	19		50	18
800	2009	16		20	3
700	3133	11		260	13
600	4398	2		240	16
500					
400					
300					
200	12390	-54		280	58

AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 10th

Station	Matruh		Alex. A.P.		Port Said		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		S.Barani		Luxor	
Time	14		14		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	20	3	290	8	20	9	350	5	360	14	20	12	20	15	230	10	60	19	40	17	20	12	230	18	330	7
600	250	9	290	9	340	6	340	4	350	13	10	16	20	23	230	6	60	13	50	22	360	15	240	10	80	6
1000	240	11	290	5	320	6	10	8	360	13	10	17	10	26	230	7	40	15	60	23	340	23	240	22	10	9
1500	240	11	320	9	330	5	360	12	20	17	20	23	20	17	270	3	40	16	30	19			260	23	40	14
2000	250	12	320	10	300	5	10	20?			30	24	50	10	270	8	30	20					280	16	60	24
3000			340	17			360	40?							240	7										
4000															20	12										
5000															20	17										
6000															10	20										
7000															10	10										
8000																										

UPPER WIND OBSERVATIONS on 11th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8		8		2				7 30		9		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	31	250	17	260	19	200	15			170	5	300	2	50	8	40	12			320	9	240	9
600	260	47	280	23	270	15	230	10			260	6	10	6	10	15	50	10			340	3	310	5
1000	250	33	280	18	290	16	250	9					40	16	60	19	70	14			40	10	320	5
1500	240	28	270	13	320	16	280	12					40	15	50	16	40	20			50	23	360	10
2000	240	17	280	10	300	11	270	19					40	18	40	17	50	31			40	28	340	15
3000							320	17					60	10*									350	14
4000																							350	20
5000																								
6000																								
7000																								
8000																								

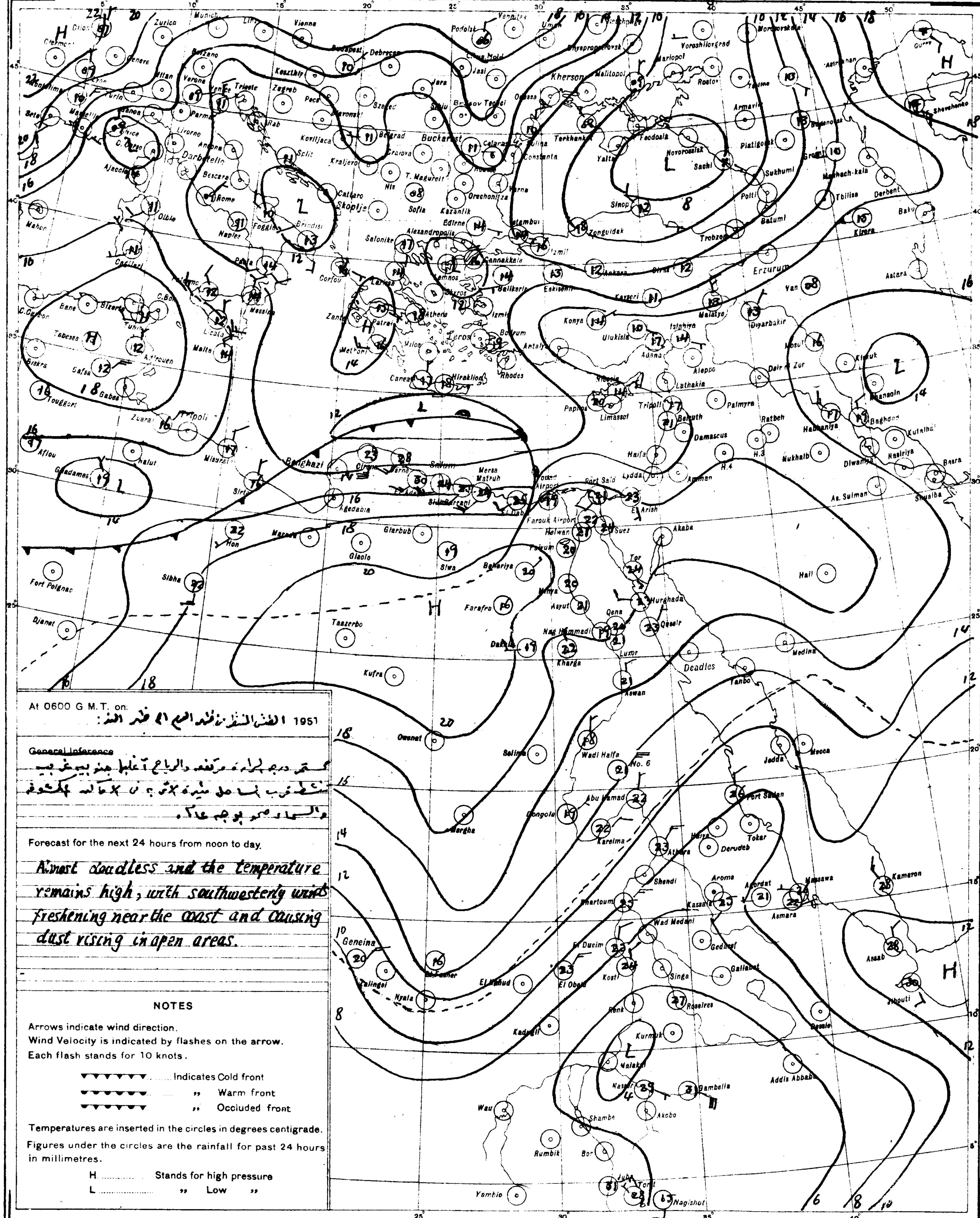
Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	7		8		8		8		4						4				4				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	220	23	20	4	120	8	50	10	40	15														
600	230	21	30	4	120	10	80	15	50	23					20	21							10	34
1000	250	16	130	5	100	12	80	16	50	29					30	22			30	33			10	38
1500	240	10	130	8	100	11	60	25	60	19					40	15			40	21			50	19
2000	280	8	110	9											20	9			110	6				
3000	360	3	40	10					100	16					250	13			250	14			90	11
4000	30	11	30	16																				
5000	360	15							20	7					240	21								
6000	30	13							280	21					250	26			250	23				
7000	10	19													260	32								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds 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 (50/531)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Saturday 11/4/1953*



At 0600 G.M.T. on: 1951 [illegible]

~~General Inference~~

[illegible]

Forecast for the next 24 hours from noon to day.

Almost cloudless and the temperature remains high, with southwesterly winds freshening near the coast and causing dust rising in open areas.

NOTES

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

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

Temperatures are inserted in the 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 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 03 32 G.M.T.
" " Sunset 16 20 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 12th April, 1952 3

At 1200 on Saturday 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	220	24	35	02	1	6	Cc	13.3	36	25	13
	303	SÎDI BARÂNI	280	17	10	05	0	0	—	13.5	34	23	10
	306	MATRÛH	340	8	12	02	0	0	—	14.0	35	20	9
	309	EL DABʻA	320	6	35	00	0	0	—	15.3	34	20	8
		ALEXANDRIA	310	11	50	00	0	0	—	16.4	30	16	1
	318	FAROUK (Airport) Alex	250	11	18	02	0	0	—	16.5	33	13	1
	330	DAMIETTA	320	5	35	00	0	0	—	16.2	30	21	5
	333	PORT SAʻÎD	270	10	30	02	0	0	—	16.4	32	22	8
	336	EL ʻARISH	320	4	30	02	0	0	—	16.2	30	17	2
LOWER EGYPT	339	DAMANHÛR	230	9	15	02	0	0	—	16.4	33	21	8
	342	MANSÛRA	200	5	35	00	0	0	—	17.0	33	16	4
	348	TANTA	00	0	35	02	0	0	—	16.9	34	18	6
	354	ZAGAZIG	00	0	50	02	0	0	—	16.7	34	16	5
	440	ISMAʻÎLIA	320	2	35	02	0	0	—	16.3	34	18	6
		FAROUK (Airport) Cairo	360	3	14	02	0	0	—	16.7	32	26	10
		ALMÂZA	290	5	30	00	0	0	—	16.4	33	11	-1
		EZBEKÎYA	320	2	30	00	0	0	—	16.6	33	16	4
		GÎZA	320	2	30	00	0	0	—	16.8	33	20	7
		HELWÂN	340	6	35	01	0	0	—	16.8	32	15	2
		FAIYÛM	00	0	35	02	0	0	—	17.0	32	20	6
		MINYA	340	10	12	02	0	0	—	16.7	32	20	6
		ASYÛT MANQABAD	200	2	35	02	0	0	—	15.0	34	20	8
		NAGʻ HAMMÂDI	00	0	7	00	0	0	—	13.6	34	18	6
		QENA	90	1	50	00	0	0	—	13.5	34	18	6
		LUXOR	50	15	30	02	0	0	—	13.0	35	16	6
		ASWÂN	70	4	50	00	0	0	—	12.8	34	14	3
		SIWA	280	8	14	00	0	0	—	16.7			
		BAHARÎYA	40	1	35	02	0	0	—	16.8	33	30	13
		FARAFRA	00	0	35	00	0	0	—	16.6	34	14	3
		DAKHLA	80	19	35	00	0	0	—	14.4	34	22	9
		KHARGA	40	4	35	05	0	0	—	14.6	33	8	-5
		SUEZ	180	6	50	02	0	0	—	16.6	30	21	5
		TOR	220	5	35	02	0	0	—	16.4	27	62	19
		HURGHADA	70	9	30	02	0	0	—	16.1	27	52	16
		QUSEIR	20	9	15	02	0	0	—	16.0	26	55	16
		PORT SUDÂN	360	22	2	07	1	2	Ci	8.1	30	49	18
		WÂDI HALFA	40	14	30	02	0	0	—	10.4	33	10	-2
		ABU HAMAD	50	5	30	02	0	0	—		35	7	-6
		KAREIMA	40	9	30	02	0	0	—	7.6	34		
		ATBARA	20	7	30	02	0	0	—	5.4	34	5	-11
		KHARTUM	90	4	30	03	0	1	Cs	4.6	35	19	8
		KASSALA	320	5	30	02	0	1	Cs	4.7	37	20	11
		WAD MEDANI	310	9	35	02	0	0	—	2.0	37	10	0
		RENK											
		ROSEIRES											
		EL OBEID	360	4	30	02	1	0	—	4.6	33	10	-3
		EL FÂSHER	40	4	30	02	2	1	Ci		31	24	8
		GENEINA	300	6	30	02	0	0	—		32	8	-6
		MALAKÂL											
		WAU	40	8	30	01	2	3	Ac,Ci	2.8	38	6	-7
		JUBA											

At 1800 on Saturday 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	270	5	15	00	0	0	—	13.8	25	34	8	0
SÎDI BARÂNI	150	7	12	02	0	0	—	13.8	24	32	6	0
MATRÛH	160	3	12	02	0	0	—	13.9	24	26	3	0
EL DABʻA	160	3	7	00	0	0	—	14.7	24	26	3	0
ALEXANDRIA	00	0	35	00	0	0	—	15.8	26	25	4	0
FAROUK (Airport) Alex	00	0	10	05	0	0	—	15.5	23	38	8	0
DAMIETTA	220	2		00	0	0	—	16.0	23	38	8	0
PORT SAʻÎD	260	8	18	02	0	0	—	16.0	24	65	17	0
EL ʻARISH	260	2	14	02	0	0	—	16.0	23	41	9	0
DAMANHÛR	230	5		02	0	0	—	16.2	24	54	14	0
MANSÛRA	360	3		00	0	0	—	16.4	26	30	7	0
TANTA	00	0	35	02	0	0	—	16.0	23	50	12	0
ZAGAZIG	00	0	35	02	0	0	—	16.3	25	47	13	0
ISMAʻÎLIA	00	0	35	02	0	0	—	16.3	26	37	10	0
FAROUK (Airport) Cairo	00	0	12	00	0	0	—	16.4	27	33	9	0
ALMÂZA	40	6	12	00	0	0	—	16.4	28	19	2	0
EZBEKÎYA	00	0	10	00	0	0	—	16.2	26	30	7	0
GÎZA	00	0	10	00	0	0	—	16.4	27	33	9	0
HELWÂN	360	5	15	02	0	0	—	16.2	28	16	0	0
FAIYÛM	00	0	35	02	0	0	—	15.9	22	57	13	0
MINYA	360	2	14	02	0	0	—	16.1	22	50	11	0
ASYÛT MANQABAD	300	2	8	02	0	0	—	15.3	27	25	5	0
NAGʻ HAMMÂDI	70	3		00	0	0	—	14.7	26	30	7	0
QENA	270	2	7	00	0	0	—	13.3	28	22	4	0
LUXOR	70	11	12	02	0	0	—	14.1	28	16	0	0
ASWÂN	360	3	50	00	0	0	—	12.8	30	16	1	0
SIWA	00	0	8	00	0	0	—	16.3	26	25	4	0
BAHARÎYA	00	0	15	02	0	0	—	16.0	26	37	10	0
FARAFRA	00	0	15	00	0	0	—	16.6	25	22	2	0
DAKHLA	50	9	35	00	0	0	—	14.4	29	19	3	0
KHARGA	00	0	15	00	0	0	—	13.5	27	15	-2	0
SUEZ	310	4	15	02	0	0	—	16.0	28	22	4	0
TOR	00	0	15	02	0	0	—	15.2	22	65	15	0
HURGHADA	290	5	14	02	0	0	—	14.9	22	74	17	0
QUSEIR	20	5	15	02	0	0	—				18	0

At 0600 on Sunday 12th April, 1953

Station	Wind 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	250	24	15	00	0	0	—	13.9	-2.5	24	37	+12			32	6	0	37	
SÎDI BARÂNI	240	9	14	02	0	0	—	13.3		24	36		20		19	-1	0	109	
MATRÛH	220	12	18	03	1	2		12.7	-2.2	28	35		18		15	-1	0	52	
EL DABʻA	250	10	15	00	0	0	—	13.5		26	35				21	2	0	95	
ALEXANDRIA	220	11	50	01	1	3	Cc	14.4	-0.2	26	31	+8	21	+6	18	0	0	125	182
Alex (Airport)	220	8	18	02	1	3	Ci	14.3	-1.7	24	33	+11	15	+2	34	7	0	122	137
DAMIETTA	140	2	15	00	0	0	—	14.7	+0.3	23	30	+8	15	+2	50	12	0	56	102
PORT SAʻÎD	00	0	8	02	0	0	—	15.1	-0.7	24	32	+11	18	+2	50	13	0	61	
EL ʻARISH	00	0	30	00	0	0	—	14.2	+0.2	29	31		15		19	3	0	46	
DAMANHÛR	230	9	7	02	0	0	—	14.8	+0.3	24	34	+8	16	+4	38	9	0	43	95
MANSÛRA	270	3	15	00	0	0	—	14.7	-0.1	24	34	+7	17	+5	38	9	0	48	49
TANTA	220	2	35	02	0	0	—	14.4	-0.4	22	35	+7	14	+3	44	9	0	18	37
ZAGAZIG	00	0	35	02	0	0	—	14.4	-0.4	22	35	+7	17	+6	47	10	0	29	25
ISMAÎLIA	180	2	35	02	0	0	—	15.0		24	35		15		47	12	0	32	
Cairo (Airport)	00	0	12	00	0	0	—	14.6		26	34		19		20	1	0	7	
ALMÂZA	180	11	14	00	0	0	—	14.6	-1.3	27	33	+6	20	+7	14	-3	0	8	
EZBEKÎYA	180	1	10	00	0	0	—	14.5	-0.3	27	34	+6	21	+8	35	10	0	15	23
GÎZA	180	1	10	00	0	0	—	15.1	+0.2	25	35	+7	16	+6	36	9	0	43	23
HELWÂN	70	3	15	05	0	0	—	15.5	+1.1	25	34	+6	20	+6	22	2	0	3	26
FAIYÛM	00	0	35	02	0	0	—	15.5	+0.7	23	34	+5	15	+2	44	10	0	14	8
MINYA	340	2	10	02	0	0	—	15.0	-1.1	22	34	+5	13	+2	50	11	0	1	
ASYÛT MANQABAD	00	0	7	02	0	0	—	15.1	+1.1	24	35	+5	18	+5	21	0	0	2	
NAGʻ HAMMÂDI	00	0		00	0	0	—	14.7	+1.5	22	35	+4	15	+2	36	6	0	3	
QENA	270	1	35	00	0	0	—	14.4	+1.4	29	36	+1	16	0	20	4	0	2	
LUXOR	00	0	30	02	0	0	—	13.6	+0.6	26	36		14		16	-2	0	1	
ASWÂN	360	3	50	00	0	0	—	13.3	+0.7	24	35	0	17	-2	32	6	0	2	
SIWA	00	0	14	00	0	0	—	15.9	+0.2	21	36	+7	14	+2	31	3	0	2	8
BAHARÎYA	00	0	35	02	0	0	—	17.0	+1.7	24	35	+5	15	+3	32	6	0	dr.	7
FARAFRA	00	0	35	00	0	0	—	16.8		22	35		12		16	-5	0	1	
DAKHLA	340	9	50	00	0	0	—	15.4	+1.3	23	35	+2	16	+2	18	-3	0	0	
KHARGA	40	2	35	00	0	0	—	15.1	+1.4	25	33	0	18	+3	17	-2	0	dr.	
SUEZ	180	5	35	00	0	0	—	15.1	+0.6	24	32	+4			47	12	0	45	15
TOR	140	2	50	02	0	0	—	14.3	+1.7	23	30	+3	16	0	65	16	0	Rain	13
HURGHADA											28	+4							
QUSEIR	20	5	15	02	0	0	—	[illegible]	+0.3	26	26	-1	21	+2	42	12	0	12	4
PORT SUDÂN	360	9	50	01	0	0	—	9.2		29					46	16	0		
WÂDI HALFA																			
ABU HAMAD	20	2	30	03	0	2				24	36		16		19	-1	0		
KAREIMA	50	5	30	02	0	0	—	9.3		25					21	1	0		
ATBARA	10	5	30	02	0	0	—	8.3		25					18	-1	0		
KHARTUM	40	9	30	02	0	0	—			26					23	3	0		
KASSALA																			
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID																			
EL FÂSHER	00	0	50	02	0	0	—									2	0		
GENEINA																			
MALAKÂL																			
WÂU	180	5	30	02	2	7	AC	6.4		30	38		24		43	16	dr.		
JUBA																			

HUMIDITY — Mean of day

Station	on 11th	Diff. from normal
Farouk	22	-45
Ezbekiya	30	-25
Giza	35	-22
Helwan	20	-22

GIZA — GRASS MINIMUM TEMP. 12th 11.7 °C.

Remarks

UPPER AIR OBSERVATIONS

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

RAWINSONDE — Cairo Airport, On 11th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	151	33		10	10
950					
900					
850	1578	20		320	15
800					
700	3209	7		360	15
600					
500	5976	-13		350	24
400	7636	-26		300	10
300	9666	-37		300	22
200	12237	-53		330	33

Remarks

UPPER WIND OBSERVATIONS on 11th

Station	S. Barani		Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada	
Time	14		14		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	270	23	300	12	250	8	360	11	290	19	360	14	340	13	320	6	70	10	250	9	70	17	50	16	30	10
600	270	32	280	9	270	8	360	11	290	17	360	17	20	11	10	10	40	5	260	9	70	27	60	18	360	6
1000	260	27	270	14	280	10	110	3	290	21	10	4	20	13	30	13	50	10	280	6	70	25	60	18	310	8
1500	[illegible]	30	260	17			40	9	290	21	320	17	30	16	40	14			260	4			40	17	260	8
2000	270	26					50	9			360	10	20	14					160	3						
3000											350	16							50	9						
4000											360	23							50	15						
5000																			50	7						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Almaza	
Time	8		7		8		8		4		7		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	260	25	260	16	290	15	340	9	270	10	160	4	70	5	90	9	50	14					260	8
600	250	41	250	12	300	17	290	16	280	17	260	7	60	7	80	12	70	13					280	15
1000	250	36	250	15	300	23	300	16	290	26	310	13	60	10	60	10	70	24					300	12
1500	240	33	260	13			320	21	310	33	330	19	60	12	60	19	70	20					320	13
2000			240	10			330	35	320	23			50	17	50	27	60	29					360	28
3000			250	13			360	40							70	23								
4000																								
5000																								
6000																								
7000																								
8000																								

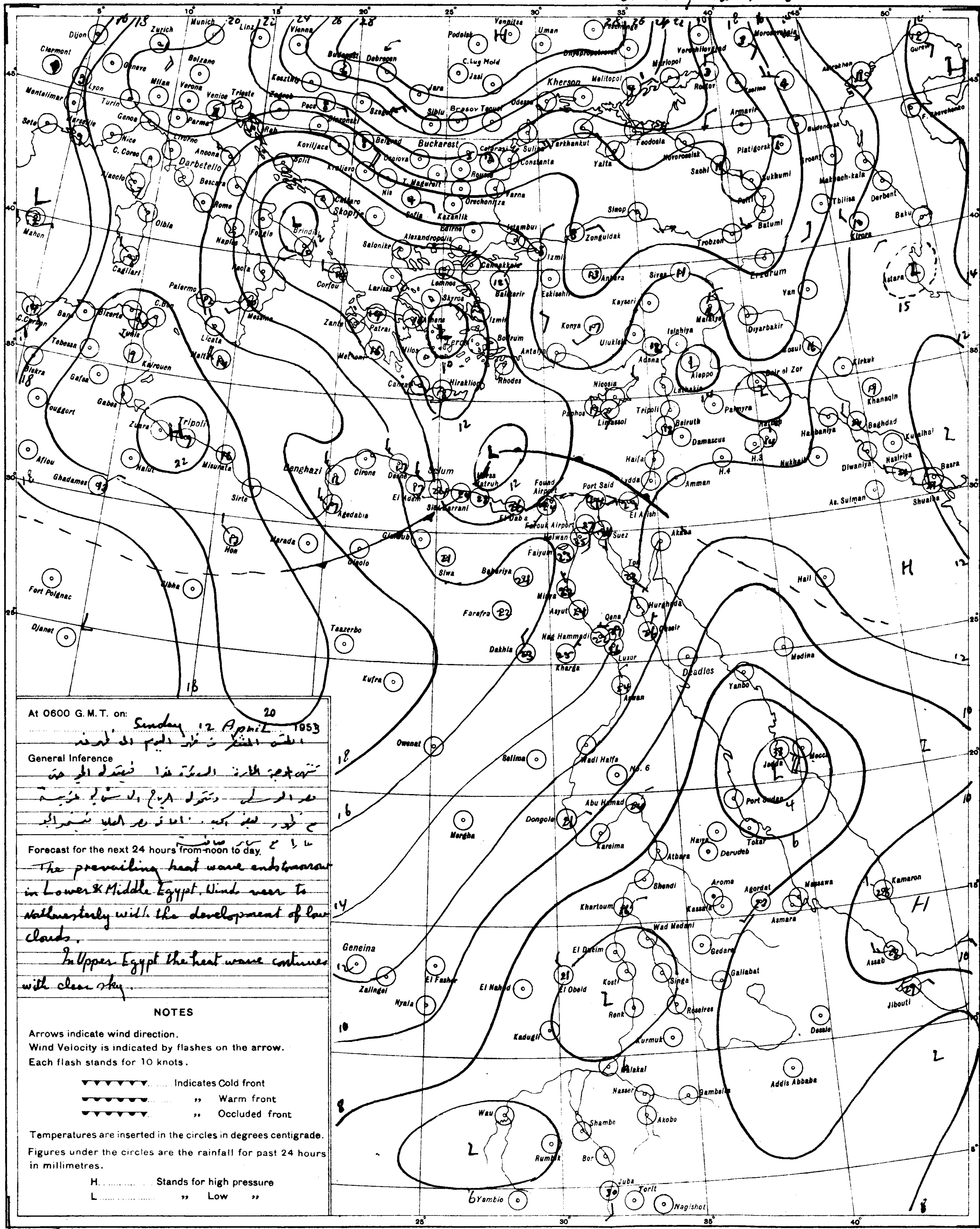
Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	7		8		8		8		4				4		4									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	240	15	20	3	110	12	40	12	50	12														
600	240	12	20	4	90	15	70	19	70	20			70	24	30	12								
1000	240	10	360	3	70	17	80	18	90	25			70	23	50	18								
1500	190	12	10	5	80	25	80	15	90	30			70	15	40	14								
2000	170	8	50	5									40	9										
3000	150	10							80	25			330	8	90	12								
4000	170	19																						
5000																								
6000	190	15																						
7000	240	4																						
8000	210	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.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 149-551 (2.07337)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 12 - 4 1953



At 0600 G.M.T. on: Sunday 12 April 1953

[illegible]

General Inference

[illegible]

Forecast for the next 24 hours from noon to day.

The prevailing heat wave ends tomorrow in Lower & Middle Egypt. Wind veer to Northwesterly with the development of low clouds.

In Upper Egypt the heat wave continues with clear sky.

NOTES

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

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

Temperatures are inserted in the 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 ore 1949(49/557) (50/531)

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 31 G.M.T.

" " Sunset 16 21 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 13th April, 1952 3

At 1200 on Sunday 12th

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility 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	01	0	'	Cc	15.4	26	48	14
303	SÎDI BARÂNI	320	15	12	02	0	2	Cc	14.6	19	73	14
306	MATRÛH	300	18	18	01	1	1	Cc	14.3	21	78	17
309	EL DABʻA	340	4	35	01	1	1	Cu	13.9	28	22	4
	ALEXANDRIA	310	17	50	03	2	6	Cs	13.8	26	30	7
	Alex (Airport)	290	9	18	03	1	5	Cc	13.6	28	25	6
320	DAMIETTA	90	2	35	00	0	0	—	13.3	30	35	13
333	PORT SAʻÎD	60	5	12	02	0	0	—	12.7	26	45	13
336	EL ʻARÎSH	310	3	30	02	0	0	—	13.2	27	33	9
	DAMANHÛR	230	9	15	02	1	1	Cc	13.6	32	24	9
	MANSÛRA	40	5	35	00	0	0	—	13.0	35	20	9
	TANTA	00	0	35	01	1	3	Cc	13.0	35	19	8?
	ZAGAZIG	00	0	50	02	0	0	—	13.1	36	29	15?
	ISMAʻÎLIA	360	2	35	02	0	0	—	13.3	35	15	5
	Cairo (Airport)	340	7	12	02	0	0	—	13.0	35	12	2
	ALMAZA	320	10?	30	00	0	0	—	12.6	36	8	-4
	EZBEKIYA	350	2?	30	00	0	0	—	12.4	36		
	GIZA	350	2?	30	00	0	0	—	12.2	36	6	-7
	HELWÂN	320	12	15	02	0	1	Cc	12.8	35	8	-4
	FAIYÛM	00	0	35	02	0	0	—	12.6	35	19	8
	MINYA	350	12	12	02	0	0	—	13.0	36	14	5?
	ASYÛT MANQABÂD	320	4	30	02	0	0	—	12.4	37	3	-14?
	NAGʻ HAMMÂDI	00	0	7	00	0	0	—	10.8	36	17	7
	QENA	270	1	50	00	0	0	—	10.3	37	14	6
405	LUXOR	60	11?	30	02	0	0	—	9.9	37	5	-10
	ASWÂN	90	7?	15	00	0	0	—	9.3	36	10	-1
	SÎWA	270	4	14	00	0	0	—	14.4	38		
	BAHARIYA	00	0	35	02	0	0	—	14.2			
	FARAFRA	00	0	35	00	0	0	—	13.8	36	5	-9
	DAKHLA	90	15	50	00	0	0	—	11.1	37		
	KHARGA	40	2	15	00	0	0	—	10.3	36	10	-1
	SUEZ	180	5	50	02	0	0	—	12.6	33	16	4?
	TOR	310	3	35	02	0	0	—	12.3	30	66	23?
	HURGHADA	20	5	30	02	0	0	—	12.5	27	42	13
	QUSEIR	200	9	15	02	0	0	—	11.8	28	52	17
	PORT SUDÂN	20	22	10	07	0	1	Cc	6.6	32	56	22
	WÂDI HALFA	50	10	30	01	0	0	—	7.7	35	13	3
	ABÛ HAMAD	70	3	30	02	1	3	Cc		37	8	-3
	KAREIMA	60	4	30	03	0	1	Cc	4.8	35	10	-1
	ATBARA											
	KHARTÛM	320	6	30	02	0	0	—	2.6	36	19	9
	KASSALA											
	WÂD MEDANI	310	9	35	02	0	0	—		39	7	-3
	RENK											
802	ROSEIRES											
	EL OBEID	340	3	30	02	0	0	—	2.4	36	9	-2
	EL FASHER	00	0	50	02	0	0	—		34	22	9
	GENEINA	310	6	30	02	0	1	Cc		34	11	-1
340	MALAKÂL	130	1		02	1	1	Cc	1.5	39	12	4
	WAU											
941	JUBA	20	5	30	01	2	6	Cb, Ac	2.4	35	29	14

At 1800 on Sunday 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	320	13	15	00	0	0	—	15.9	17	77	13	0
SÎDI BARÂNI	330	10	12	01	2	2	St	15.5	17	83	14	0
MATRÛH	320	10	14	01	2	2	St	14.5	17	83	14	0
EL DABʻA	340	7	7	01	0	2	Cu	13.8	17	47	17	0
ALEXANDRIA	310	11	35	00	0	0	—	14.4	19	83	16	0
Alex (Airport)	00	0	12	01	1	2	Cc	13.4	20	64	13	0
DAMIETTA	180	2		00	0	0	—	13.4	22	65	15	0
PORT SAʻÎD	60	5	12	01	0	0	—	13.1	22	83	19	0
EL ʻARÎSH	00	0	14	01	1	0	—	12.6	20	64	13	0
DAMANHÛR	270	5	15	02	0	0	—	13.4	24	47	12	0
MANSÛRA	20	5		00	0	0	—	13.4	25	42	11	0
TANTA	00	0	35	02	1	0	—	13.0	23	61	15	0
ZAGAZIG	00	0	35	02	0	0	—	12.7	25	61	17	0
ISMAʻÎLIA	40	2	35	01	0	0	—	11.8	27	40	12	0
Cairo (Airport)	360	5	12	02	0	0	—	13.0	28	33	10	0
ALMAZA	30	8	12	00	1	0	—	12.9	28	29	8	0
EZBEKIYA	360	4	10	00	0	0	—	12.8	29	31	10	0
GIZA	360	4	10	00	0	0	—	13.0	25	42	11	0
HELWÂN	320	10	15	02	0	0	—	12.7	29	23	6	0
FAIYÛM	00	0	35	02	0	0	—	12.7	28	18	1	0
MINYA	00	0	8	02	0	0	—	11.3	27	19	1	0
ASYÛT MANQABÂD	270	4	8	02	0	0	—	10.7	27	20	2	0
NAGʻ HAMMÂDI	70	3		00	0	0	—	9.8	31	22	7	0
QENA	00	0	7	00	0	0	—	10.3	26	30	7	0
LUXOR	90	8	12	02	0	0	—	9.4	34	10	-2	0
ASWÂN	360	6	35	00	0	0	—	8.7	33	8	-5	0
SÎWA	330	4	8	00	0	0	—	12.8	29	13	-2	0
BAHARIYA	00	0	15	02	0	0	—	12.8	28	27	7?	0
FARAFRA	00	0	35	00	0	0	—	12.4	28	7	-11	0
DAKHLA	360	9	35	00	0	0	—	10.6	30	7	-10	0
KHARGA	00	0	15	00	0	0	—	9.5	30	11	-4	0
SUEZ	360	4	15	02	0	0	—	12.3	27	33	9	0
TOR	310	2	35	02	0	0	—	11.1	25	61	17	0
HURGHADA	240	3	14	02	0	0	—	11.4	24	44	11	0
QUSEIR	360	5	15	02	0	0	—	11.6	27	33	9	0

At 0600 on Monday 13th April, 1953

Wind 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
320	9	15	01	2	1	Cc	17.1	+2.8	16	29	+4	14	+1	68	10	0	37		SALUM
320	13	14	02	0	2	Sc, Cc	15.6		16	26		15		72	11	0	109		SÎDI BARÂNI
320	10	14	01	1	5	Sc	14.9	0.0	17	35		15		72	12	0	32		MATRÛH
340	9	15	01	1	3	Cu	14.3		18	35		15		88	16	0	95		EL DABʻA
310	17	50	03	1	6	St	13.8	-0.7	18	27	+6	16	+1	83	15	0	125	102	ALEXANDRIA
310	10	18	02	2	7	Sc	13.2	-2.7	18	30	+7	16	+3	73	13	0	122	137	Alex (Airport)
320	5	15	00	0	1	Cc	12.4	-2.0	18	30	+8	15	+1	86	16	0	56	102	DAMIETTA
350	12	12	03	0	3	Ac	12.7	-3.0	19	26	+5	18	+2	83	16	0	61		PORT SAʻÎD
360	3	30	02	0	0	—	10.7	-3.2	22	28		15		29	3?	0	46		EL ʻARÎSH
40	9	7	02	0	0	—	13.6	-0.9	18	32	+6	16	+4	83	15	0	43	46	DAMANHÛR
40	5	15	02	1	2	Cc	12.7	-2.1	19	36	+9	15	+3	73	14	0	48	49	MANSÛRA
270	8	35	02	0	0	—	13.1	-1.6	18	36	+8	14	+3	83	15	0	18	37	TANTA
00	0	35	03	1	8	St	12.6	-2.1	17	37	+9	14	+3	88	15	0	29	25	ZAGAZIG
320	2	35	01	1	3	Cc	12.7		20	36		15		73	15	0	32		ISMAʻÎLIA
340	4	4	10	4	8	Sc	13.4		16	36		15		94	15	0	7		Cairo (Airport)
20	8?	4	10	4	8	Sc	13.5	-2.4	16	36	+9	15	+2	82	13	0	8		ALMÂZA
320	2?	6	02	2	5	Sc	12.8?	-1.9	17	36	+8	16	+3	64	10	0	15	23	EZBEKIYA
320	2?	6	02	2	5	Sc	13.5	-1.3	18	37	+9	16	+6	78	14	0	43	23	GÎZA
320	11	7	05	0	1	St	13.4	-1.0	18	36	+8	16	+2	73	13	0	3	26	HELWÂN
00	0	35	02	0	0	—	13.0	-1.7	19	37	+8	15	+2	73	14	0	14	8	FAIYÛM
350	8	8	02	0	0	—	11.7	-4.3?	21	36	+7	13	+2	57	12	0	1		MINYA
290	4	10	02	0	0	—	10.8	-3.1	23?	38	+8	19	+6	26	2	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	10.6	-2.6	22?	37	+6	15	+2	44	9	0	0.3		NAGʻ HAMMÂDI
270	1	35	00	0	0	—	10.2	-2.7	28	39	+4	15	-1	27	7	0	2		QENA
40	3	30	02	0	0	—	10.6	-2.4	29	39		19		10	-6	0	1		LUXOR
360	3	50	00	0	0	—	8.7	-3.9	25	37	+2	18	-1	30	6	0	2		ASWÂN
30	9	14	00	0	0	—	16.3	+0.7	17	38	+9	14	+2	77	13	0	2	8	SÎWA
360	1	35	02	0	0	—	13.4	-1.7	20	37	+7	16	+4	33	3	0	dr.	7	BAHARÎYA
00	0	35	00	0	0	—	12.8		22	37		16		16	-5	0	1		FARAFRA
270	15	50	00	0	0	—	11.0	-3.0	25	37	+4	18	+4	11	-8	0	0		DAKHLA
00	0	35	00	0	0	—	10.7	-2.9	24	37	+4	17	+2	26	3	0	dr.		KHARGA
310	7	35	00	0	2	Cu	12.6	-1.8	22	35	+7	9	-6	50	11?	0	45	15	SUEZ
240	9	35	02	0	0	—	11.5	-1.0	25	33	+6	15	-1	70	19	0	Rain	13	TOR
320	4	30	02	0	0	—	10.8	-3.0	25	30	+6	18	+3	45	12	0	7		HURGHADA
20	9	15	02	0	0	—	10.7	-1.7	28	29	+2	22	+3	33	10	0	12	4	QUSEIR
340	2	50	02	0	0	—	7.7		28	33		21		37	12	0			PORT SUDÂN
350	1	30	02	0	0	—	8.9		22	37		18		25	1	0			WÂDI HALFA
00	0	30	02	0	0	—			28	38		21		16	0	0			ABÛ HAMAD
50	4	30	03	0	1	Cs	7.2		25	36		19		21	0	0			KAREIMA
50	5	30	03	0	2	Cc	6.0		28	37		20		13	-3	0			ATBARA
340	8	30	02	0	0	—	5.9		29	37		20		17	1	0			KHARTÛM
																			KASSALA
																			WÂD MEDANI
																			RENK
130	2	35	02	0	0	—	6.4		31	41		21		19	5	0			ROSEIRES
360	10	30	02	0	0	—	7.1		26	37		18		13	-5	0			EL OBEID
00	0	30	02	0	0	—			18	36		12		37	3	0			EL FÂSHER
40	10	30	01	1	1	Cc			23	36		14		22	0	0			GENEINA
360	2	30	03	6	7	Ac	6.7		30	40		25		38	14	dr.			MALAKAL
00	0	30	02	2	6	Ac	6.7		29	41		24		33	11	0			WÂU
100	10	30	02	2	7	Ac	7.1		29	37		26		59	20	0			JUBA

HUMIDITY

Minimum of day

Station	on 12th	Diff. from normal
Alexandria	34	-13
Ezbekiya	29	-26
Giza	35	-22
Helwan	20	-22

GIZA

Grass Minimum Temp. on 13th 14.5 °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

Cairo Airport — On 12th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	106	24		10	10
950					
900					
850	1545	22		350	9
800					
700	3085	8		360	4
600					
500	5737	-16		320	8
400	7373	-29		220	24
300	9381	-42		260	22

Khartoum Airport — On 12th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000		27		350	20
950					
900	987	26		360	12
850	1490	23		350	8
800	2012	17		230	10
700	3139	13		250	29
600	4416	3		240	24
500	5870	-4		260	26
400	7589	-15		270	32
300	9412	-28		270	38
200	12195	-43		200	48

Airport — On — At

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

UPPER WIND OBSERVATIONS on 12th

Station	Alex. A.P.		Port Said		Almaza		El Arish		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		S. Barani		Farafra	
Time	14		14		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	340	18	10	6	360	10	320	8	350	14	320	8	30	15	260	5	70	26	80	17	40	3	330	26	20	5
600	330	16	280	16	360	9	320	8	350	15	350	8	20	17	200	7	70	45	80	22	340	5	320	29	30	4
1000	360	18	300	16	340	13	20	2	360	12	30	3	360	19	200	9	70	32	90	23	320	10	320	30	30	4
1500			310	23	340	12	330	6	40	14	10	16			250	7			90	18					40	5
2000			330	21	350	13	330	8	90	13					220	7										
3000			340	14	10	5	330	14							210	12										
4000							350	9							210	16										
5000							340	16							210	12										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswan		Hurghada	
Time	8		8		8		8		8				9		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	330	23	330	15	320	8	340	16	280	11			10	12	320	3	30	3			350	14
600	330	23	320	13	300	9	360	14	320	7			20	5	70	10	50	10			350	10
1000	330	23	300	10	270	13	320	21	320	6			10	5	20	10	70	20			340	12
1500	340	20	270	17			280	12	280	4			350	9	40	12	100	21			320	7
2000			260	18			290	9	260	9			350	12	30	6	20	12				
3000																	30	16				
4000																	30	13				
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakal	
Time	7		8		8		8		4						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	40	15	10	9	50	3	20	5	50	6														
600	50	13	20	7	30	10	50	8	60	13					360	19							10	10
1000	10	10	10	7	40	17	50	11	70	13					360	16							140	2
1500	330	10	360	3	40	13	70	9	30	9					350	8			30	7	50	11		
2000	280	19	320	3	40	12	80	9	40	13														
3000	250	27							50	8					250	29			240	17	260	21	330	1
4000	240	34							320	7														
5000									290	16											260	13		
6000									270	30											260	13		
7000																								
8000																								

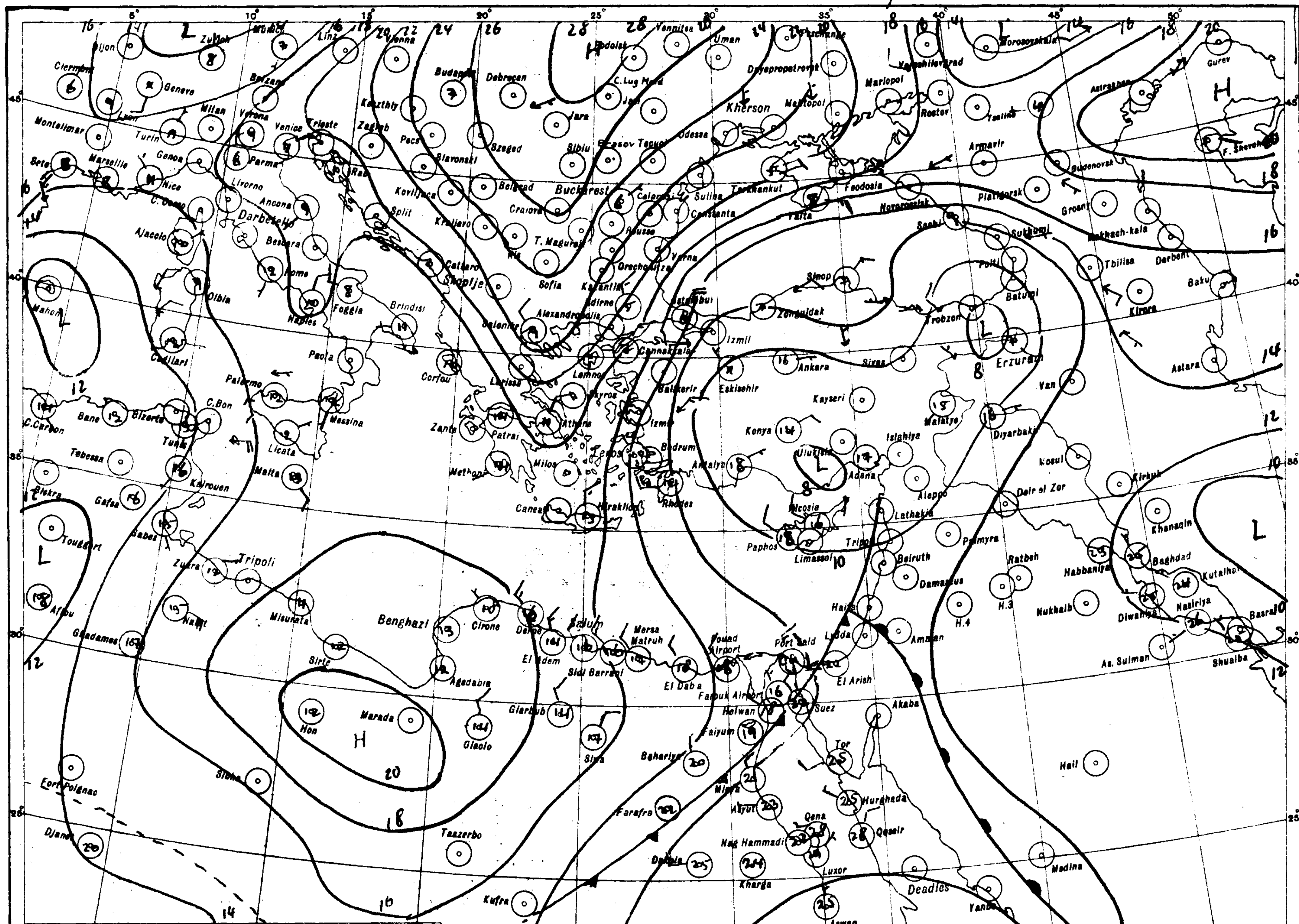
Remarks: 1- Wind Direction in degrees East of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt ... (250/33??)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 13/4/1953



At 0600 G.M.T. on: Monday 13 April 1953

General Inference

الضغط المنخفض فوق الوجه البحري [illegible]

يستمر الطقس معتدلاً مع رياح شمالية غربية

معتدلة وبعض السحب المنخفضة قرب السواحل . أما في أعالي

الصعيد فتكون الرياح [illegible] الحرارة [illegible]

[illegible]

Forecast for the next 24 hours from noon to day.

Moderate northwesterly winds in lower and middle Egypt with some low clouds and mild weather, while in Upper Egypt northeasterly winds prevail with clear sky and gradual moderation of the heat wave.

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

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

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 30 G.M.T.
" " Sunset 16 21 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 14th April, 1952 3

At 1200 on Monday 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	20	13	35	00	0	0	—	16.6	19	64	12
	303	SÎDI BARÂNI	340	11	18	02	1	4	Cu	15.4	19	60	11
	306	MATRÛH	320	12	14	01	1	0	—	14.5	18	60	10
	309	EL DAB'A	340	7	7	00	0	0	—	13.9	19	64	12
		ALEXANDRIA	40	17	50	01	2	4	Cu	14.0	19	64	12
	318	Alex (Airport)	20	11	18	01	1	3	SC	13.7	20	61	14
	330	DAMIETTA	340	5	35	03	0	3	Cu	12.6	19	83	16
	333	PORT SA'ÎD	340	16	30	03	0	1	SC	12.8	19	73	14
	336	EL 'ARISH			30	03	1		Cu	12.1	21	74	16
Lower Egypt	339	DAMANHUR	310	9	15	02	0	0	—	13.9	22	57	13
	342	MANṢURA	320	9	35	00	1	0	—	12.6	25	42	11
	348	TANTA	310	13	35	02	0	0	—	12.4	25	42	11
	354	ZAGAZIG	00	0	50	02	2	0	—	11.8	29	52	18
	440	ISMA'ÎLIA	340	5	35	02	0	0	—	11.8	27	42	13
Cairo Area	356	Cairo (Airport)	360	7	3	02	0	0	—	11.4	28	37	12
	372	ALMÂZA	260	13	18	00	1	0	—	11.4	28	33	10
		EZBEKÎYA	330	3	18	00	1	0	—	11.2	29	31	10
		GÎZA	330	3	18	00	1	0	—	11.0	27	48	15
	378	HELWÂN	340	12	7	02	0	0	—	11.0	28	40	13
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	10.6	30	31	11
	387	MINYA	350	9	10	02	0	0	—	9.8	32	38	16
	393	ASYÛT MANQABÂD	310	6	30	02	0	0	—	8.1	37	8	-2
	399	NAG' HAMMADI	290	1	7	01	0	2	AC	7.4	38	16	8
	402	QENA	270	1	50	00	0	0	—	6.6	39	17	10
	405	LUXOR	360	7	30	02	0	0		5.8	38	4	-10
	414	ASWÂN	270	3	50	00	0	0		5.1	36	17	7
Oases	417	SÎWA	350	5	14	00	0	0	—	14.4	28	23	5
	420	BAHARÎYA	360	1	35	02	0	0	—	11.1	33	34	15
	423	FARAFRA	360	10	35	00	0	0	—	10.4	36	10	-1
	432	DAKHLA	320	9	35	00	0	0	—	8.3	37	5	-10
	435	KHARGA	00	0	35	00	0	0	—	7.2	37	11	2
Red Sea	450	SUEZ	360	11	50	02	0	0	—	9.8	29	23	6
	459	TÔR	270	2	35	02	0	0	—	8.2	28	52	17
	462	HURGHADA	360	6	30	02	0	0	—	7.8	26	70	20
	465	QUSEIR	360	9	15	02	0	0	—	7.5	28	52	17
	641	PORT SUDÂN	70	11	30	02	0	0	—	5.2	29	59	20
North Sûdân	600	WÂDI HALFA	360	13	30	02	0	0	—	4.9	37	7	-5
	640	ABU HAMAD	00	0	30	02	0	1	Ci		36	17	7
	560	KAREIMA	310	3	30	02	0	1	Ci	3.4	37	11	1
	680	'ATBARA	240	4	30	02	0	1	Ci	1.5	38	11	2
	721	KHARTÛM	290	7	30	03	0	3	Ac, Cs	2.3	39	13	6
	730	KASSALA	220	4	30	01	2	4	AC	0.3	40	10	2
Central Sûdân	751	WAD MEDANI	340	9	35	01	1		AC	0.9	39	10	2
	801	RENK	130	5	35	02	0	5	AC		39	34	20
	802	ROSEIRES											
	771	EL OBEID	20	4	30	02	0	1	—	2.0	37	8	-2
	760	EL FÂSHER	00	0	30	02	0	0	—		36	22	11
	770	GENEINA	230	7	50	03	0	2	Ci		36	10	-1
S. Sûdân	840	MALAKÂL	110	10	30	17	2	7	Ci	4.3	30?	49	18
	880	WÂU	160	9	30	02	1	4	AC	1.5	39	16	9
	941	JUBA	310	10	15	60	7	8	Cb, As	6.7	24	94	23

At 1800 on Monday 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	9	15	02	1	2	Cu	15.5	17	60	9	0
SÎDI BARÂNI	20	19	13	03	0	6	Cu, Cs	14.8	16	82	13	0
MATRÛH	310	10	11	01	0	1	Cb	14.5	16	72	11	0
EL DAB'A	360	4	7	01	1	3	Cu	13.9	16	77	12	0
ALEXANDRIA	40	17	35	02	2	4	Cu	14.4	17	77	13	0
Alex (Airport)	10	5	18	02	0	3	SC	14.0	17	77	13	0
DAMIETTA	340	5		02	1	2	Ci	12.8	17	88	15	0
PORT SA'ÎD	350	10	15	03	0	1	SC	12.5	18	78	14	0
EL 'ARISH	350	3	14	02	0	0	—	11.7	17	83	14	0
DAMANHUR	310	9	15	02	0	0	—	14.6	17	77	13	0
MANṢURA	40	5		00	0	0	—	12.8	17	68	11	0
TANTA	00	0	35	02	0	0	—	13.0	17	77	13	0
ZAGAZIG	00	0	35	02	0	0	—	13.0	18	73	13	0
ISMA'ÎLIA	360	5	35	01	0	0	—	13.0	18	73	13	0
Cairo (Airport)	360	10	12	02	0	0	—	12.6	20	56	11	0
ALMÂZA	20	11	12	00	0	0	—	13.1	20	49	9	0
EZBEKÎYA	20	6	10	00	0	0	—	13.4	20	56	11	0
GÎZA	20	6	10	00	0	0	—	12.8	20	53	10	0
HELWÂN	360	12	7	02	0	0	—	12.8	20	46	8	0
FAIYÛM	60	6	35	02	0	3		12.2	22	44	9	0
MINYA	360	13	8	02	0	0	—	10.4	28	31	9	0
ASYÛT MANQABÂD	260	5	8	02	0	0	—	8.6	27	27	6	0
NAG' HAMMADI	00	0		01	0	3	AC Ci	8.4	32	20	6	0
QENA	270	1	7	00	0	0	—	8.2	29	29	9	0
LUXOR	290	4	12	00	0	0	—	7.2	31	11	-2	0
ASWÂN	360	3	50	00	0	0	—	6.7	34	14	3	0
SÎWA	10	7	8	00	0	0	—	13.6	24	21	0	0
BAHARÎYA	360	5	15	02	0	0	—	12.0	21	65	14	0
FARAFRA	360	10	15	01	0	0	—	11.4	26	25	4	0
DAKHLA	40	9	35	00	0	0	—		30	7	-10	0
KHARGA	00	0	15	00	0	0	—	7.1	30	11	-4	0
SUEZ	360	12	15	02	0	0	—	12.4	20	56	11	0
TÔR	310	2	15	02	0	0	—	9.0	24	74	19	0
HURGHADA	320	15	12	02	0	0	—	9.0	26	55	16	0
QUSEIR	360	2	15	02	0	0	—	8.2	27	33	9	0

At 0600 on Tuesday 14th April, 1953

Station	Wind 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	180	5	15	03	2	4	Cu	17.0	+2.8	18			14	+1	60	10	0	37	
SÎDI BARÂNI	50?	3	15	02	2	5	Cu	16.1		16	20		12		72	11	0	109	
MATRÛH	350	6	18	03	1	5	Sc	16.1	+1.3	16	20				59	8	0	52	
EL DAB'A	360	6	15	01	1	3	Cu	15.5		16	20		14		88	14	0	95	
ALEXANDRIA	360	19	50	03	2	5	St	15.1	+0.6	15	22	-2	14	-1	68	9	0	125	182
Alex (Airport)	350	8	18	03	2	6	Cu, Sc	14.9	-1.0	16	20	-3	14	+1	59	8	0	122	137
DAMIETTA	240	5	7	03	1	6	Cu	14.4	+0.1	17	21	-1	14	0	68	11	0	56	102
PORT SA'ÎD	360	11	14	03	1	4	Sc	14.1	-1.6	17	21	-1	16	0	68	11	0	61	
EL 'ARISH	350	2	30	03	1	5	Cu, Sc	13.0	-0.9	17	25		16		68	11	0	46	
DAMANHÛR	40	9	7	02	1	7	Cu	15.2	+0.8	16	23	-4	12	0	68	10	0	43	96
MANṢÛRA	360	5	15	00	0	0	—	15.1	+0.4	17	26	-1	13	+1	60	9	0	48	49
TANTA	310	5	35	02	0	0	—	14.7	0.0	16	26	-2	10	-1	68	10	0	18	37
ZAGÂZIG	00	0	35	01	0	0	—	14.8	+0.2	17	29	+1	15?	+4	68	11	0	29	25
ISMAÎLIA	340	2	35	01	1	2	Cu	14.4		18	26		12		60	10	0	32	
Cairo (Airport)	360	8	13	03	0	4	Cu	14.7		16	29		12		72	11	0	7	
ALMÂZA	360	11	12	03	0	4	Cu	14.6	-1.3	16	28	+1	12	-1	64	9	0	8	
EZBEKÎYA	40	3?	10	02	2	6	Cu	15.0	+0.3	16	30	+1	12	-1	72	11	0	15	23
GÎZA	40	3?	10	02	2	6	Cu	15.0	+0.2	17	28	0	12	+1	64	10	0	43	23
HELWÂN	360	12	15	03	1	2	Cu	15.1	+0.8	15	29	+1	14	0	68	9	0	3	26
FAIYÛM	360	9	35	03	0	1	Cu, Sc	14.7	+0.1	17	31	+1	13	0	60	9	0	14	8
MINYA	360	13	12	02	1	1	Cu	14.0	-0.2	16	32	+3	13	+2	77	12	0	1	
ASYÛT MANQABAD	300	7	12	02	0	0	—	12.4	-1.4	17	37	+7	14	+1	64	10	0	2	
NAG' HAMMÂDI	240	1		00	0	0	—	11.0	-2.1	21	39	+8	16	+3	65	14	0	0.3	
QENA	270	2	35	00	0	0	—	9.9	-2.9	27	40	+5	17	+1	37	11	0	2	
LUXOR	210	1	30	02	0	0	—	10.0	-2.9	27	40		18		30	8	0	1	
ASWÂN	360	2	50	00	0	0	—	9.0	-3.5	26	38	+3	22	+3	30	7	0	2	
SÎWA	70	6	14	00	0	0	—	16.7	+1.1	16	29	0	12	0	77	12	0	2	8
BAHARÎYA	360	2	35	02	0	0	—	15.4	+0.2	15	34	+4	12	0	77	11	0	dr.	7
FARAFRA	360	10	35	00	0	0	—	15.6		16	36		12		77	12	0	1	
DAKHLA	20	19	50	00	0	0	—	12.6	-1.3	23	38	+5	18	+4	18	-3	0	0	
KHARGA	360	6	15	00	0	0	—	11.0	-2.5	21	38	+5	20	+5	50	10	0	dr.	
SUEZ	360	7	35	00	0	4	Cu	14.8	+0.5	17	30	+2			68	11	0	45	15
TÔR	310	13	15	02	0	0	—	10.8	-1.6	20	29	+1	18	+2	56	11	0	Rain	13
HURGHADA	330	17	30	02	0	0	—	10.0	-3.7	22	27	+2	19	+4	53	12	0	7	
QUSEIR	360	5	15	02	0	0	—	9.1	-3.3	24	30	+2	21	+1	54	14	0	12	4
PORT SÛDÂN	320	2	30	01	2	3	Cu	7.8		27	32		22		84	24	0		
WÂDI HALFA	340	4	30	02	0	0	—	7.8		24	37		18		16	-4	0		
ABU HAMAD	00	0	30	02	0	0	—			27	38		21		25	5	0		
KAREIMA	230	4	30	02	0	0	—	1.5		25	39		18		32	7	0		
'ATBARA	350	3	30	02	0	0	—	6.2		29	39		20		15	0	0		
KHARTÛM	350	8	30	02	0	0	—	6.3		29	40		23		17	1	0		
KASSALA	210	1	30	02	1	5	AC	6.4		27	41		18		30	8	0		
WÂD MEDANI	360	9	35	02	0	0	—	6.7		30	41		18		13	-1	0		
RENK																			
ROSEIRES	30	2		00	0	0	—	8.0		32	42		25		41	17	0		
EL OBEID	320	2	30	02	1	3	Ac Ci	7.4		20	39		19		16	-7	0		
EL FÂSHER	00	0	30	03	0	2	Ci			30	37		15		14	0	0		
GENEINA	60	7	30	02	1	3	Ci			23	37		18		12	-0	0		
MALAKÂL	00	0	10	02	2	7	AC	8.3		27	38		25		62	19	dr.		
WÂU	100	10	30	02	0	2	AC	7.1		29	40		26		55	19	0		
JUBA	170	7	30	60	5	7	AC			23	39		22		84	20	8		

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria	76	+9
Ezbekiya	55	0
Giza	62	+5
Helwan	57	+16

GÎZA GRASS MINIMUM TEMP. on 14th 10.7 °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

Cairo AIRPORT — On 13th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	104	28		360	17
950					
900					
850	1506	17		260	4
800					
700	3132	5		260	28
600					
500	5752	-21		250	30
400	7354	-35		260	37
300	9286	-53		260	52

Khartoum AIRPORT — On 14th At 05h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		27		10	18
900	984	27		360	16
850	1481	23		320	15
800	2006	20		280	21
700	3075	11		240	26
600	4389	0		250	30
500	5828	—		170	29
400	7534	-15		360	42
300					

... AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 13th

Station	S.Barani		Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga	
Time	14		14		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.	Dir.	Vel.	Dir.	Vel.
300	330	23	330	21	350	10	350	12	350	19	360	17	360	14	320	18	350	12	340	4	350	7	360	15	10	10
600	340	21	320	13	360	15	350	10	340	16	360	17	350	15	330	17	350	10	350	9	350	8	360	21	20	11
1000	330	10	330	9	330	20	360	10	360	18	10	15	340	16	340	13	350	9	350	10	340	8	360	23	20	13
1500	310	21	310	20	270	17	10	9			260	10			340	6	30	6	330	10	300	14	10	40		
2000	310	23	270	19	240	24	20	7			250	24			310	9	360	9			280	19				
3000											260	33			320	4					260	38				
4000																										
5000																					270	35				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	SÎDI BARÂNI		MATRÛH		Alex. AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		8		8		8		7 30		8		8		8 15						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	12	10	8	320	16	290	13	320	16	20	11	360	13	320	9	330	8					340	10
600	350	10	350	4	320	20	280	9	310	13	360	7	350	11	340	12	350	6					350	8
1000	300	3	330	7	310	13	270	12	280	5	320	12	360	13	340	17	360	4					350	7
1500	290	12	340	10	310	12	260	16	250	8	310	15	320	14	280	18	350	12					290	16
2000	310	24					250	14	240	17							340	20						
3000	300	26																						
4000	300	30																						
5000	300	35																						
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	7		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	90	23	10	11	350	8	10	14																
600	90	16	20	11	360	11	20	22															200	5
1000	70	10	10	15	340	13	10	18											20	3			190	17
1500	340	14	360	14	310	15	320	12											50	4			230	13
2000	310	20	350	11	290	18													140	7			290	9
3000	300	31	330	22															230	9			10	11
4000	300	35																						
5000	310	43																	270	19			130	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.

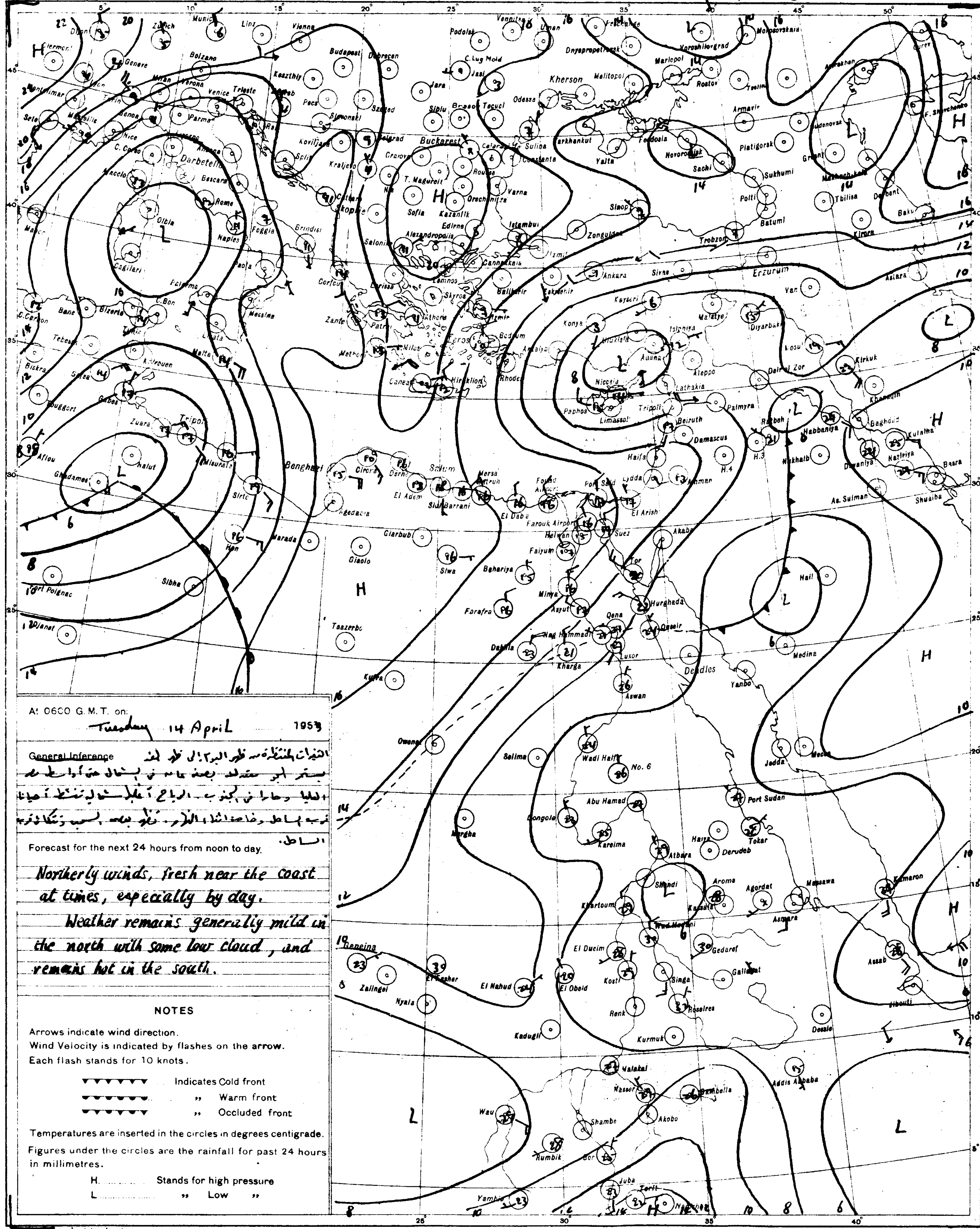
Note: All times are G.M.T.

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

Annual Subscription ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 14/4/1953



At 0600 G. M. T. on: Tuesday 14 April 1953

General Inference

التنبؤات المنتظرة من ظهر اليوم الى ظهر الغد
يستمر الجو معتدل بصفة عامة في الشمال مع أوقات بعض
العليا وحار في الجنوب. الرياح شمالية نشطة أحيانا
قرب الساحل وخاصة اثناء النهار. تكون بعض السحب وتكاثرها قرب
الساحل.

Forecast for the next 24 hours from noon to day.

Northerly winds, fresh near the coast at times, especially by day.

Weather remains generally mild in the north with some low cloud, and remains hot in the south.

NOTES

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

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

Temperatures are inserted in the 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.Pr. 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 29 G. M. T.
" " Sunset 16 22 G. M. T.

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

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 15th April, 1952 3

At 1200 on Tuesday 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	40	13	35	03	2	7	cu	15.1	18	60	10
	303	SÎDI BARÂNI	20	8	18	02	0	3	cu, ci	15.5	17	64	10
	306	MATRÛH	330	6	30	01	0	1	cu	15.0	17	52	7
	309	EL DABʿA	340	5	35	01	1	2	cu	15.0	17	52	7
		ALEXANDRIA	360	13	50	02	1	5	cu, sc	15.4	17	64	10
	318	FOUAD (Airport) Alex	340	7	18	03	2	6	cu, sc	15.1	17	60	9
	330	DAMIETTA	240	9	35	01	1	1	cu	14.3	17	68	11
	333	PORT SAʿÎD	340	17	18	02	0	1	sc	14.1	18	64	11
	336	EL ʿARISH	350	7	30	03	1	4	cu, sc	13.2	19	56	10
Lower Egypt	339	DAMANHÛR	360	9	15	02	1	4	cu	14.4	21	50	10
	342	MANSÛRA	320	5	35	02	1	3	cu	14.4	21	41	7
	348	TANTA	270	2	35	01	1	4	cu	14.3	20	46	8
	354	ZAGAZIG	00	0	50	02	0	0	—	13.5	24	47	12
	440	ISMAʿÎLIA	340	2	35	01	1	2	cu	13.3	22	44	9
Cairo Area	366	FAROUK (Airport) Cairo	320	6	12	01	1	2	cu	14.4	21	53	11
	372	ALMÂZA	310	7	30	01	1	1	cu	13.6	22	36	6
		EZBEKIYA	320	3	18	01	2	2	cu	13.6	22	44	9
		GÎZA	320	3	18	01	2	2	cu	13.6	22	44	9
	378	HELWÂN	340	11	15	02	0	1	cu	14.2	22	36	6
Upper Egypt	381	FAIYÛM	360	7	35	02	0	0	—	14.3	24	32	6
	387	MINYA	10	11	12	02	0	0	—	12.8	26	32	8
	393	ASYÛT MANQABÂD	340	10	30	02	0	0	—	11.4	28	16	0
	399	NAGʿ HAMMADI	270	2	7	00	0	0	—	9.6	32	28	11
	402	QENA	270	2	50	00	0	0	—	6.8	37	22	12
	405	LUXOR	320	8	30	02	0	0	—	7.5	34	13	2
	414	ASWÂN	70	3	50	00	0	0	—	6.2	37	14	6
Oases	417	SÎWA	150	4	14	03	0	1	ci	15.4	25	34	8
	420	BAHARÎYA	360	2	35	02	0	0	—	14.7	24	47	12
	423	FARAFRA	340	10	35	00	0	0	—	14.7	25	28	5
	432	DAKHLA	360	11	50	00	0	0	—	11.9	29	19	3
	435	KHARGA	360	3	15	00	0	0	—	10.2	31	17	3
Red Sea	450	SUEZ	360	8	50	01	0	0	—	12.4	23	32	5
	459	TÔR	310	9	35	02	0	0	—	11.2	24	61	16
	463	HURGHADA	340	24?	30	02	0	0	—	9.8	24	57	15
	465	QUSEIR	20	5	15	02	0	0	—	7.6	25	54	15
	641	PORT SÛDÂN	70	10	30	02	0	1	cu	5.7	21	59	20
North Sudan	600	WÂDI HALFA	40	13	30	02	0	0	—	5.0	38	9	-1
	640	ABU HAMAD	00	0	30	03	0	1	cu		37	22	12
	660	KAREIMA	280	4	30	02	0	0	—	3.4	37	7	-5
	680	ATBARA	320	8	30	02	0	0	—	2.0	39	7	-4
	721	KHARTUM	270	5	30	02	0	0	—	2.5	39	9	0
	730	KASSALA	270	6	30	02	0	1	AC	1.5	40	4	1
Central Sudan	751	WAD MEDANI	130	9	35	02	0	0	—	0.8	40	6	-5
	801	RENK	130	9	35	02	0	6	cs		38		
	802	ROSEIRES	310	2	35	02	1	3	cu	1.1	39	23	14
	771	EL OBEID	120	3	30	02	1	3	cu, AC	2.4	37	17	8
	760	EL FASHER	50	1	30	01	0	1	ci		36	22	11
	770	GENEINA		1	30	02	0	1	ci		37	8	-3
Southern Sudan	340	MALAKÂL	200	5	30	02	2	4	cu, AC	4.0	36	33	17
	380	WAU	230	7	30	03	1	6	cu	1.8	38	25	15
	941	JUBA	180	5	50	01	6	7	cb, AC	6.6	29	59	20

At 1800 on Tuesday 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	70	19	15	03	2	4	ci	15.0	16	68	10	0
SÎDI BARÂNI	90	9	14	01	0	1	ci	15.1	15	68	9	0
MATRÛH	60	3	18	01	1	3	cs	15.1	14	67	8	0
EL DABʿA	20	3	7	01	1	3	cu	15.8	15	42	7	0
ALEXANDRIA	310	11	35	01	2	1	sc	15.5	15	68	9	0
FOUAD (Airport)	340	4	14	01	1	5	ci	16.3	14	72	9	0
DAMIETTA	320	11		02	0	2	cu	15.4	15	77	11	0
PORT SAʿÎD	310	10	14	03	0	4	sc	15.5	16	64	10	0
EL ʿARISH	310	3	14	03	1	2	cu	14.5	16	64	9	0
DAMANHÛR	40	9	15	02	1	2	cu	15.2	18	60	10	0
MANSÛRA	360	5		00	1	0	—	15.5	15	55	6	0
TANTA	360	2	35	02	1	0	—	15.0	14	77	10	0
ZAGAZIG	00	0	35	02	0	0	—	15.6	15	68	9	0
ISMAʿÎLIA	20	5	35	02	0	0	—	15.0	16	68	10	0
FAROUK (Airport)	360	6	12	00	0	0	—	15.9	17	72	12	0
ALMÂZA	360	11	14	00	1	0	—	15.5	18	46	6	0
EZBEKIYA	20	3	10	00	0	0	—	15.6	18	56	9	0
GÎZA	20	3	10	00	0	0	—	15.2	17	52	7	0
HELWÂN	340	11	15	02	0	0	—	15.2	17	52	7	0
FAIYÛM	360	6	35	02	0	0	—	15.0	19	46	7	0
MINYA	360	7	8	02	0	0	—	14.1	18	49	7	0
ASYÛT MANQABÂD	320	4	8	02	0	0	—	12.9	20	43	7	0
NAGʿ HAMMADI	290	2		00	0	0	—	11.1	25	22	2	0
QENA	270	1	7	00	0	0	—	9.6	24	32	6	0
LUXOR	270	8	12	02	0	0	—	9.5	26	16	-2	0
ASWÂN	340	4	50	00	0	0	—	8.0	34	14	3	0
SÎWA	210	2	8	01	0	0	—	14.0	22	33	5	0
BAHARÎYA	360	1	15	02	0	0	—	15.1	20	56	11	0
FARAFRA	00	0	35	00	0	0	—	14.4	20	33	3	0
DAKHLA	340	9	35	00	0	0	—	11.9	24	15	-5	0
KHARGA	360	4	15	00	0	0	—	10.8	26	18	6	0
SUEZ	360	10	15	02	0	0	—	14.3	17	60	9	0
TÔR	270	5?	15	02	0	0	—	11.5	20	64	13	0
HURGHADA	300	23?	12	02	0	0	—	9.7	23	38	8	0
QUSEIR	20	9	15	02	0	0	—	9.4	24	61	16	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Wednesday 15th April, 1953

Wind 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	Station
										20	-5								SALUM
160	26	1.3	07	0	2	cs	10.3		17	18		12		49	6	0	109		SÎDI BARÂNI
120	11	14	02	0	0	—	12.2	-2.6	15	18		10		55	6	0	52		MATRÛH
110	10	15	00	0	0	—	14.0		14	19		8		48	8	0	95		EL DABʿA
110	11	50	00	0	0	—	15.6	+1.2	14	19	-5	11	-4	77	10	0	125	182	ALEXANDRIA
00	0	18	02	0	0	—	15.2	-0.7	15	19	-4	9	-4	68	9	0	122	137	FOUAD (Airport)
70	2	15	01	1	1	AC	16.0	+1.7	16	18	-5	10	-4	68	10	0	56	102	DAMIETTA
140	8	14	02	0	1	SC	16.4	+0.8	17	21	-1	13	-3	60	9	0	61		PORT SAʿÎD
170	2	30	01	2	0	—	16.1	+2.2	18	20		13		56	8	0	46		EL ʿARISH
130	13	15	02	0	0	—	15.8	+1.4	16	22	-5	10	-2	68	10	0	43	96	DAMANHÛR
90	3	15	00	0	0	—	16.2	+1.5	17	22	-5	9	-3	60	9	0	48	49	MANSÛRA
00	0	35	02	0	0	—	15.1	+0.4	14	21	-7	8	-3	77	10	0	18	37	TANTA
00	0	35	02	0	0	—	15.8	+1.2	16	24	-4	10	-1	68	10	0	29	26	ZAGAZIG
90	2	35	01	0	0	—	15.9		16	24		10		59	8	0	32		ISMAʿÎLIA
90	12	15	00	0	0	—	15.1		15	23		10		72	10	0	7		FAROUK (Airport)
60	14	14	00	0	0	—	15.1	-0.7	16	22	-5	10	-3	56	7	0	8		ALMÂZA
										24	-5						15	23	EZBEKIYA
40	2	10	00	0	0	—	14.8	+0.1	17	23	-5	9	-2	56	8	0	43	23	GÎZA
40	4	15	02	0	0	—	15.1	+0.9	16	22	-6	10	-4	49	5	0	3	26	HELWÂN
00	0	35	02	0	0	—	15.2	+0.6	16	24	-6	10	-3	59	8	0	14	8	FAIYÛM
360	2	10	02	0	0	—						9	-2		9	0	1		MINYA
290	2	12	02	0	0	—	14.5	+0.8	15	29	-1	11	-2	63	8	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	13.0	0.0	17	33	+1	13	0	60	9	0	0.3		NAGʿ HAMMADI
270	1	35	00	0	0	—	12.8	+0.1	23	38	+3	14	-2	44	10	0	2		QENA
00	0	30	02	0	0	—	12.3	-0.5	23	36		15		32	5	0	1		LUXOR
360	9	15	00	0	0	—	12.2	-0.2	23	38	+3	19	0	44	10	0	2		ASWÂN
120	7	14	00	0	0	—	12.8	-2.7	17	27	-2	15	+3	42	4	0	2	8	SÎWA
90	3	35	02	0	0	—	15.4	+0.3	16	25	-5	11	-1	68	10	0	dr.	7	BAHARÎYA
140	3	35	00	0	0	—	15.6		18	27		11		40	4	0	1		FARAFRA
110	15	50	00	0	0	—	14.2	+0.4	20	30	-3	14	0	33	3	0	0		DAKHLA
40	2	15	00	0	0	—	13.0	-0.5	19	32	-1	16	+1	46	7	0	dr.		KHARGA
360	4	35	00	0	0	—	15.5	+1.3	16	24	-4			59	8	0	45	15	SUEZ
310	9	35	02	0	0	—	13.5	+1.1	20	28	0	16	0	56	11	0	Rain	13	TÔR
330	24?	30	02	0	0	—	12.6	-1.0	19	25	0	17	+1	60	11	0	7		HURGHADA
360	13	15	02	0	0	—	12.3	0.0	22	25	-3	20	0	57	13	0	12	4	QUSEIR
360	3	30	02	0	0	—	9.5		29	31		21		49	17	0			PORT SÛDÂN
	10	30	02	0	0	—	11.1		23	39		18		16	-4	0			WÂDI HALFA
360	3	50	02	0	0	—			29	38		23		25	7	0			ABU HAMAD
40	15	30	02	0	0	—	7.8		28	39		23		15	-1	0			KAREIMA
40	12	10	07	0	0	—	6.3		29	41		20		16	2	0			ATBARA
360	6	30	02	0	1	AC	6.4		28	40		19		19	2	0			KHARTUM
250	2	30	02	0	0	—	6.6		28	40		17		19	2	0			KASSALA
130	9	35	02	1	3	ci	6.9		29	41		20		12	-3	0			WAD MEDANI
																			RENK
																			ROSEIRES
																			EL OBEID
00	0	50	02	0	0	—				37		15			4	0			EL FÂSHER
																			GENEINA
																			MALAKÂL
																			WÂU
180	4	30	02	2	7	cu, AC	9.3		25	32		24		79	21	2			JUBA

HUMIDITY % Mean of day

Station	on 14th	Diff. from normal
Alexandria	63	-4
Ezbekiya		
Giza	58	+2
Helwan	55	+14

GIZA GRASS MINIMUM TEMP. on 15th 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 14th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	122	22		360	10
950					
900					
850	1510	10		320	13
800					
700	3122	5		280	17
600					
500	5783	-11		270	17
400	7453	-23		270	41
300	9504	-39		280	43

Khartoum Airport — On 14th At 05h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950		28		10	18
900	990	28		360	18
850	1490	24		330	13
800	2015	21		300	8
700	3149	11		270	20
600	4407	1		240	24
500	5843	-9		270	26
400	7550	-14		280	40
300	9659	-31		250	34
200	12405	-50		270	31

Airport — On ... At ...

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

UPPER WIND OBSERVATIONS on 14th

Station	Matruh		Port Said		El Arish		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Almaza		Alex. A.P.		S. Barani		Farafra	
Time	14		14		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	10	10	350	14	330	12	350	17	330	10	350	9	200	3	360	10	360	17					30	15	350	7
600	320	9	360	14	300	17	340	11	340	16	350	6	190	3	360	12	360	20	330	10	340	23	360	6	360	12
1000	260	8	360	12	280	17	360	14	350	15	350	6	10	6	10	16	360	19	320	10	330	21	280	13	10	4
1500	290	16	20	17	270	21	320	12	320	17			360	10					270	16	330	19	290	21	350	5
2000	300	19	50	12	280	19	350	8	290	16			310	19					260	23			290	24		
3000	300	23	60	13	250	24							320	35					290	19			30	4		
4000	300	20											310	43									300	37		
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswan		Hurghada		Almaza	
Time			8		2		8		8		6 45		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	16	100	11	110	5	80	4	230	2	10	6	320	2	320	1					60	7
600			160	17	100	4	100	5	80	4	50	10	20	7	10	7	330	2					60	7
1000			160	17	340	4	100	7	100	5	20	10	340	3	350	9	350	4					20	5
1500							320	16	350	4	330	14	330	11	330	7	340	6					330	10
2000							310	16	330	8	320	14	350	13	350	7	360	7					320	5
3000									280	6			350	9	320	13	350	10					350	17
4000															330	16							330	12
5000															350	12								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	7		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	24	90	5	60	3	20	17	50	11														
600	160	34	90	5	50	4	20	13	50	20					350	18							160	17
1000	190	23	100	5	60	9	30	10	20	23					350	17			40	11			180	22
1500			110	7	10	10	10	12	350	17					340	13			90	12			200	7
2000			340	5	20	5	10	19																
3000							320	17	10	5									160	3			220	5
4000	230	8																						
5000	280	3							320	7									260	9			120	9
6000									260	4									350	17			170	5
7000																								
8000																								

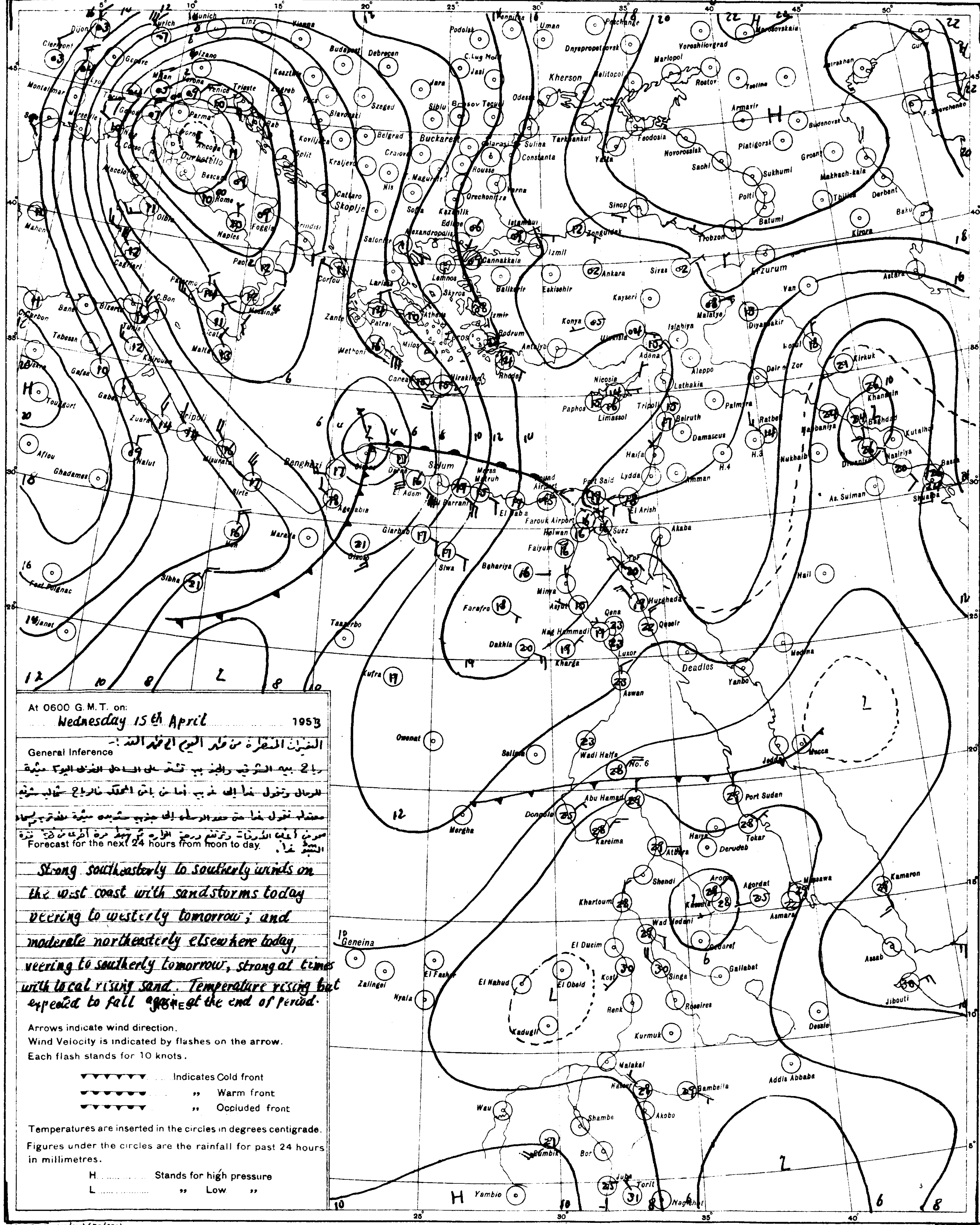
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Annual Subscription [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 15/4/1953



At 0600 G.M.T. on: Wednesday 15th April 1953

General Inference

النشرات المنتظرة من ظهر اليوم الى ظهر الغد :-

رياح بين الشرقية والجنوبية تشتد على الساحل الغربي اليوم مثيرة

للرمال وتتحول غدا الى غربية اما في باقي المملكة فالرياح شمالية شرقية

معتدلة تتحول غدا الى جنوبية شديدة مثيرة للأتربة احيانا

مع ارتفاع درجة الحرارة ثم تهبط مرة أخرى في نهاية فترة التنبؤ غدا.

Forecast for the next 24 hours from noon to day.

Strong southeasterly to southerly winds on the west coast with sandstorms today veering to westerly tomorrow; and moderate northeasterly elsewhere today, veering to southerly tomorrow, strong at times with local rising sand. Temperature rising but expected to fall again at the end of period.

NOTES

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

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

Temperatures are inserted in the 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 (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 28 G.M.T.

" " Sunset 16 22 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 16th April, 1952 3

At 1200 on Wednesday 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	200	11	7	05	3	6	AC	6.2	32	20	6
	303	SIDI BARÂNI	180	33	20.3	35	3	9		6.1	30	18	3
	306	MATRUH	140	22	8	07	1	2	AC,Cc	7.7	29	15	0
	309	EL DABA	160	7	35	00	0	0	—	10.6	27	15	-2
	318	ALEXANDRIA FOUAD (Airport)	140	6	18	02	0	0	—	14.2	24	30	5
	330	DAMIETTA	110	5	35	00	0	0	—	15.9	20	56	11
	333	PORT SAÏD	80	13	30	01	0	0	—	15.9	19	60	11
	336	EL ARISH	20	5	30	02	0	0	—	15.3	20	49	9
Nile Delta	324	DAMANHUR											
	342	MANSURA	40	5	35	00	0	0	—	15.0	25	36	9
	345	TANTA	130	2	35	02	0	0	—	14.7	25	34	8
	354	ZAGAZIG	320	1	50	02	0	0	—	14.3	25	42	11
	450	ISMAILIA	20	5	35	02	0	0	—	14.4	25	28	5
Nile Valley	[illegible]	FAROUK (Airport)	90	7	14	02	0	0	—	13.9	26	16	-2
		ALMAZA	40	8	30	00	0	0	—	13.5	27	10	-7
		EZBEKIYA	50	2	18	00	0	0	—	13.3	27	25	5
		GIZA	50	2	18	00	0	0	—	13.6	27	17	0
		HELWAN	70	2	50	02	0	0	—	13.5	28	12	-4
	[illegible]	FAIYUM	00	0	35	02	0	0	—	13.4	27	15	-2
	[illegible]	MINYA											
	[illegible]	ASYUT MANGABAD	300	6	30	02	0	0	—	11.9	30	11	-3
	[illegible]	NAG HAMMADI	290	1	7	00	0	0	—	11.2	32	24	9
	[illegible]	QENA	270	2	7	00	0	0	—	10.0	35	23	11
	405	LUXOR	300	3	30	02	0	0	—	10.8	33	14	2
	[illegible]	ASWAN	270	4	50	00	0	0	—	8.8	34	18	6
Libyan	[illegible]	SIWA	170	13	10	00	0	0	—	10.7	34		
	[illegible]	BAHARIYA	00	0	35	02	0	0	—	13.6	30	35	13
	[illegible]	FARAFRA	100	5	35	00	0	0	—	13.6	30	18	3
	[illegible]	DAKHLA	340	11	50	00	0	0	—	11.5	32	10	-3
	[illegible]	KHARGA	360	1	35	00	0	0	—	11.6	32	12	-1
Red Sea	[illegible]	SUEZ	360	4	50	02	0	0	—	13.5	26	18	0
	[illegible]	TOR	270	9	35	02	0	0	—	12.3	24	47	12
	[illegible]	HURGHADA	360	14	30	02	0	0	—	11.0	23	57	14
	[illegible]	QUSEIR	360	13	15	02	0	0	—	10.4	24	61	16
	[illegible]	PORT SUDAN	40	12	30	02	0	0	—	8.5	31	43	17
Nile	[illegible]	WADI HALFA	360	10	30	01	0	1	Ci	8.2	35	8	-4
	[illegible]	ABU HAMAD	50	10	30	03	0	1	Ci		37	20	11
	[illegible]	KAREIMA	40	3	30	02	0	0	—	5.0	38	9	-1
	[illegible]	ATBARA	330	4	30	03	0	0	—	2.8	39	7	-3
	[illegible]	KHARTUM	310	9	30	03	1	2	AC	2.6	40	10	2
	[illegible]	KASSALA	20	3	30	02	0	0	—	1.4	40	10	2
Equatorial	[illegible]	WAD MEDANI	50	9	35	02	1	0	—	1.8	40	8	0
	801	RENK											
	832	ROSEIRES	310	2	35	02	0	2	Cu	0.9	41	16	10
	771	EL OBEID	360	9	30	01	0	0	—	2.9	37	8	-3
	760	EL FASHER	100	5	30	02	2	2	Ci		36	22	11
	720	GENEINA	130	4	30	03	0	1	AC		37	10	0
	840	MALAKAL	230	1	30	80	8	6	Cu	2.7	37	29	16
	860	WAU	200	5	30	03	1	7	Cb, AC	2.4	36	33	17
	841	JUBA	90	2	50	02	6	6	Cu, AC	3.8	34	39	18

At 1800 on Wednesday 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
ALEXANDRIA FOUAD (Airport)	340	13	15	09	1	4	AC	12.0	16	94	15	0
DAMIETTA	320	14	12	02	3	7	Ac	10.0	17	83	14	0
PORT SAÏD	300	15	10	01	1	2	AC	9.6	25	39	10	0
EL ARISH	110	4	7	01	1	1	Cu	10.5	22	33	5	0
DAMANHUR	130	22	35	00	0	0	—	13.3	22	36	6	0
MANSURA	40	5		00	0	0	—	12.7	22	44	9	0
TANTA	100	18	14	02	0	0	—	15.6	17	77	13	0
ZAGAZIG	40	8	14	02	0	0	—	15.7	17	72	12	0
ISMAILIA	130	9	15	02	0	0	—	14.4	19	64	12	0
FAROUK (Airport)	90	9	12	00	0	0	—	13.8	22	44	9	0
ALMAZA	60	16	14	00	0	0	—	14.0	23	34	6	0
EZBEKIYA			10	00	0	0	—	13.9	23	38	8	0
GIZA			10	00	0	0	—	14.0	23	27	4	0
HELWAN	40	13	15	02	0	0	—	13.4	24	28	4	0
FAIYUM	00	0	35	02	0	0	—	13.1	20	41	6	0
MINYA	00	0	8	02	0	0	—	12.8	19	49	8	0
ASYUT MANGABAD	300	8	8	02	0	0	—	12.7	23	24	1	0
NAG HAMMADI	00	0		00	0	0	—	12.3	22	44	9	0
QENA	270	3	7	00	0	0	—	11.6	27	27	6	0
LUXOR	280	2	12	02	0	0	—	10.7	26	20	1	0
ASWAN	360	3	50	00	0	0	—	9.5	31	17	3	0
SIWA	320	11	8	02	0	2	Sc	10.2	28	29	8	0
BAHARIYA	90	1	15	02	0	0	—	13.8	24	38	9	0
FARAFRA	90	5	15	00	0	0	—	13.3	25	28	5	0
DAKHLA	340	15	35	00	0	0	—	13.2	26	13	5	0
KHARGA	00	0	15	00	0	0	—	10.8	28	16	0	0
SUEZ	360	3	15	02	0	0	—	13.8	22	36	6	0
TOR	00	0	15	02	0	0	—	12.3	22	57	13	0
HURGHADA	300	10	12	02	0	0	—	11.5	22	44	9	0
QUSEIR	20	2	15	02	0	0	—	11.0	22	57	13	0
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Thursday 16th April, 1953

Station	Wind 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	5	15	03	2	5	Cu	16.6	+2.5	16	32	+7	13	0	77	12	0	37	
SIDI BARANI	360	6	15	01	0	1	Sc	15.8		17	30		15		72	12	0	109	
MATRUH	330	11	30	00	0	0	—	15.5	+0.8	17	31		15		77	13	0	52	
EL DABA	340	6	15	01	1	2	Cu	14.2		18	29		13		83	15	0	95	
ALEXANDRIA FOUAD (Airport)	130	3	35	01	4	4	Ci	14.3	-0.1	18	25	+1	13	-2	60	10	0	125	182
DAMIETTA	00	0	18	03	0	2	AC	14.6	-1.2	18	26	+3	11	-2	68	12	0	122	138
PORT SAÏD	140	2	15	00	0	0	—	15.5	+1.2	21	21	-2	16	+2	57	12	0	56	102
EL ARISH	130	5	12	02	0	1	Ci	14.9	-0.6	22	20	-2	16	0	38	7	0	61	
DAMANHUR	00	0	30	02	0	0	—	14.0	+1.2	22	21		10		44	9	0	46	
MANSURA	130	5	7	02	1	1	Ci	15.1	+0.8	16	26	-1	11	-1	68	10	0	43	96
TANTA	90	3	15	00	0	0	—	15.2	+0.6	19	27	-1	12	0	64	12	0	48	50
ZAGAZIG	00	0	35	02	0	0	—	14.7	+0.1	17	27	-1	11	0	68	11	0	18	37
ISMAILIA	00	0	35	02	0	0	—	14.7	+0.1	17	28	0	14	+2	64	12	0	29	26
FAROUK (Airport)	160	2	35	01	0	0	—	14.0		22	26		15		36	6	0	32	
ALMAZA	00	0	8	05	0	0	—	15.3		20	28		14		46	8	0	7	
EZBEKIYA	00	0	10	00	0	0	—	15.0	-0.7	23	28	0	14	0	20	-1	0	8	
GIZA	00	0	10	00	0	0	—	14.4	-0.2	23	29	0	16	+2	34	6	0	15	24
HELWAN	00	0	10	00	0	0	—	14.4	-0.2	23	28	0	13	+2	32	5	0	43	23
FAIYUM	00	0	7	05	0	0	—	14.8	+0.7	23	30	+1	18	+4	24	1	0	3	26
MINYA	00	0	35	02	0	0	—	14.7	+0.2	21	30	0	13	0	50	10	0	14	8
ASYUT MANGABAD	00	0	8	02	0	0	—	14.2	-1.6	20	30	0	11	0	43	7	0	1	
NAG HAMMADI	90	2	12	02	0	0	—	14.1	+0.4	22	30	0	15	+1	20	-2	0	2	
QENA	00	0		00	0	0	—	13.3	+0.3	19	33	+1	9	-4	52	9	0	03	
LUXOR	00	0	35	00	0	0	—	13.4	+0.6	25	36	+1	12	-4	28	5	0	2	
ASWAN	20	4	30	02	0	0	—	13.3	+0.4	22	35		13		20	-2	0	1	
SIWA	360	6	50	00	0	0	—	13.1	+0.8	25	35	-1	18	-1	28	5	0	2	
BAHARIYA	60	15	12	00	0	0	—	17.4	+2.0	18	37	+7	16	+4	78	14	0	2	8
FARAFRA	00	0	35	02	0	0	—	14.6	-0.4	24	31	0	11	-2	47	12	0	dr.	7
DAKHLA	360	5	35	00	0	0	—	15.0		20	32		15		33	3	0	1	
KHARGA	320	15	50	00	0	0	—	14.4	+0.6	20	34	0	14	-1	24	-1	0	0	
SUEZ	00	0	15	00	0	0	—	14.3	+0.9	24	32	-1	14	-2	38	9	0	dr.	
TOR	00	0	35	00	0	0	—	13.6	-0.5	24	29	+1			38	9	0	45	15
HURGHADA	180	2	35	02	0	0	—	13.8	+1.5	22	26	-2	13	-3	65	15	0	Rain	13
QUSEIR	310	5	14	02	0	0	—	13.3	-0.2	22	24	-1	14	-2	71	8	0	7	
PORT SUDAN	20	2	15	02	0	0	—	12.4	+0.2	21	25	-3	19	-1	9	15	0	12	4
WADI HALFA	330	8	30	02	0	0	—	12.6		26	32		17		6	19	0		
ABU HAMAD	340	5	30	02	0	0	—	12.4		22	36		17		19	-3	0		
KAREIMA	350	3	30	03	0	0	—			28					31	9	0		
ATBARA	50	5	30	02	0	0	—	10.5		27			18		17	0	7		
KHARTUM	350	3	30	02	0	0	—	10.6		28	40		22		20	3	0		
KASSALA	120	8	30	03	0	0	—	8.4		29	41		23		22	5	0		
WAD MEDANI	130	3	30	02	0	0	—	6.5		33	41		19		26	11	0		
RENK																			
ROSEIRES	230	2	35	02	0	0	—	7.9		33	41		22		23	9	0		
EL OBEID	10	11	30	03	1	3	Ac,Cc	9.1		29	38		21		12	-3	0		
EL FASHER	180	4	30	02	0	4	Ci			23	37		18		36	7	0		
GENEINA																			
MALAKAL	230	4	30	03	2	6	Sc,Cu	10.3		28	39		24		55	18	dr.		
WAU	40	9	30	03	2	4	Ac,Cc	11.9		23	38		26		89	21	48		
JUBA	310	13	30	60	6	8	Cb, Ac	11.1		27	35		25		66	20	dr.		

UPPER AIR OBSERVATIONS

HUMIDITY

STATION	15th	Normal
Alexandria	54	-13
Ezbekiya	46	-8
Giza	41	-15
Helwan	30	-11

GIZA GRASS MINIMUM TEMP. 16th 9.5 °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 — Cairo Airport — On 15th At 05h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	123	27		60	12
950					
900					
850	1530	17		10	7
800					
700	3152	6		340	17
600					
500	5814	-12		280	14
400	7470	-25		250	19
300	9496	-42		260	17

RAWINSONDE — Airport — On ____ At ____

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

RAWINSONDE — Airport — On ____ At ____

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

UPPER WIND OBSERVATIONS on 15th

Station	Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada		El Arish	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	120	14	70	10	60	10	320	7	330	9	340	6	300	2	350	8	190	24	340	10	360	17	340	23	60	13
600	130	16	90	9	70	7	40	10	10	6	350	5	320	2	350	9	190	24	340	10	360	18	340	19	80	11
1000	130	12	150	5	90	4	80	8	40	9	20	10	330	3	360	10	190	26	350	10	360	15	320	20	110	10
1500	260	10	80	6	360	3	310	5	30	4	320	9	350	5			210	24	350	15			310	14	80	3
2000	220	12	30	5	300	8	20	14					320	9			230	30					300	7	350	9
3000	270	22			290	13	340	22					320	7			250	30								
4000	290	18			320	13	320	17																		
5000					320	10																				
6000					280	6																				
7000					280	21																				
8000					280	21																				

UPPER WIND OBSERVATIONS on 16th

Station	Sidi Barani		Matruh		Alex. Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		4		8		8		8				8		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.	Dir.	Vel.
300	360	8	320	17	250	9	230	7	160	4			290	3	90	2	30	8					290	8
600	350	16	350	15	190	12	180	7	180	15			320	3	110	10	100	1					260	4
1000	330	31	350	12	220	15	180	13	170	11			70	3	110	6	90	11					210	4
1500	220	8	200	10	220	16	190	8	150	9			80	18	60	15	60	15					130	7
2000	260	17	220	24	210	17	220	7	120	11			30	10	40	25	20	10					10	5
3000	250	30	230	33	200	19	180	6	140	4			360	12	40	22							300	[illegible]
4000									300	9													280	10
5000									300	12														
6000																							220	16
7000																							230	18
8000																							240	22

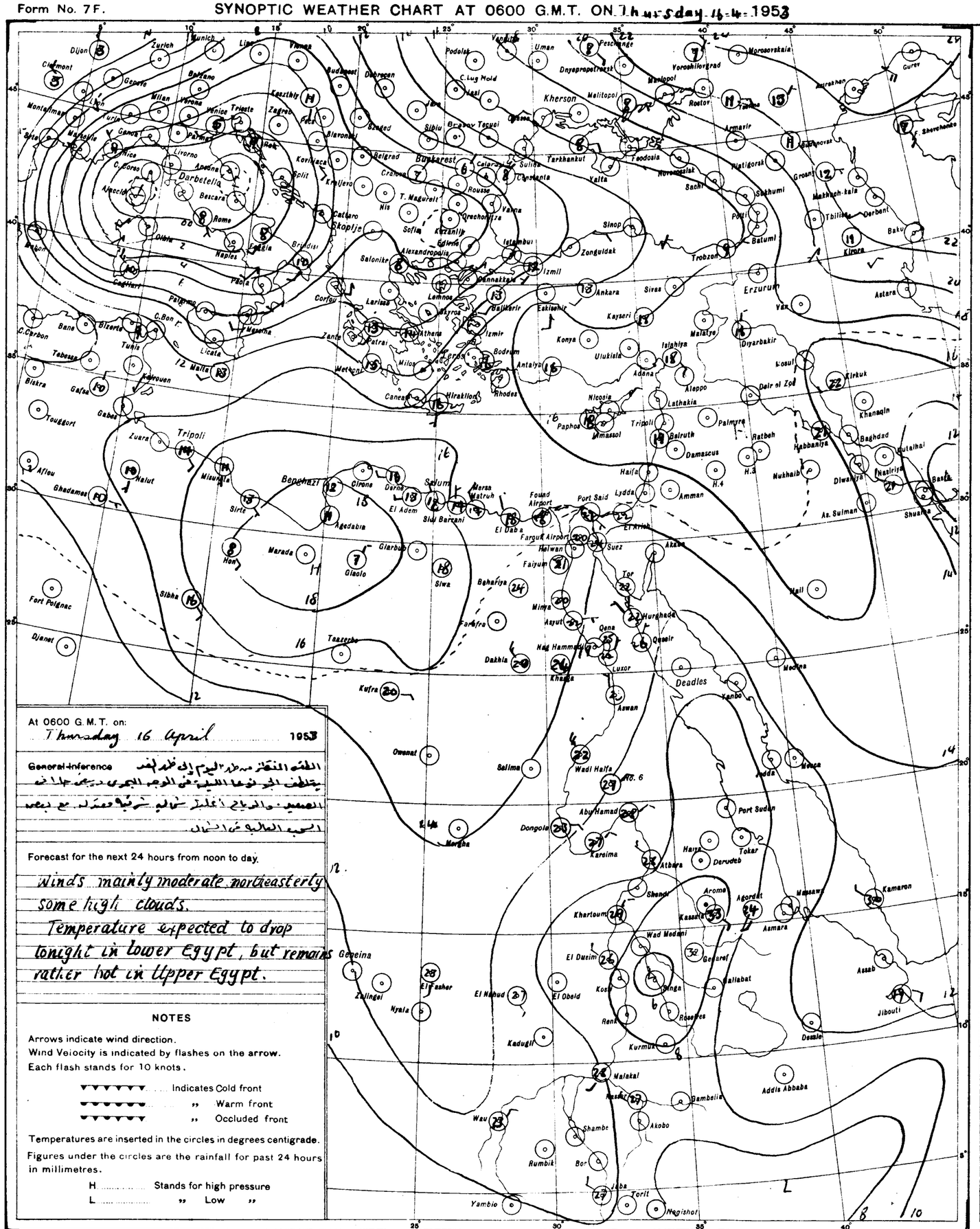
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	7		3		8		8																	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	16	320	4	130	5	20	4																
600	20	16	290	5	110	13	120	6																
1000	20	16	280	4	70	10	170	5																
1500	210	15	260	8	70	19																		
2000	240	23	240	7	50	25																		
3000	230	36	150	8																				
4000	240	37	170	10																				
5000	250	38																						
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 Egypt standard time.

Note All times are G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 16-4-1953



At 0600 G.M.T. on:
Thursday 16 April 1953

General Inference

الطقس المنتظر من ظهر اليوم إلى ظهر الغد
يتلطف الجو نوعا الليلة في الوجه البحري ويعتدل جدا في
الصعيد. والرياح أغلبها شمالية شرقية معتدلة. مع بعض
السحب العالية في الشمال.

Forecast for the next 24 hours from noon to day.

Winds mainly moderate northeasterly
some high clouds.
Temperature expected to drop
tonight in lower Egypt, but remains
rather hot in Upper Egypt.

NOTES

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

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

Temperatures are inserted in the 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 27 G.M.T.
" " Sunset 16 23 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 17th April, 1952 3

At 1200 on Thursday 16th

Area	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.
Mediterranean	62300	SALÛM	20	5	35	01	0	2	Cu	18.0	19	73	14
	303	SÎDI BARÂNI	360	8	18	02	0	3	Cu, Cc	18.0	18	64	11
	306	MATRÛH	340	10	18	01	1	1	CS	17.1	19	64	12
	305	EL DABʼA	360	1	35	01	1	2	Cu	16.8	20	64	13
		ALEXANDRIA											
	318	Alex FOUAD (Airport)	320	5	14	02	1	7	Ac, Cc	15.8	24	65	17
	330	DAMIETTA	20	5	35	03	0	3	Cc	15.7	25	70	19
	333	PORT SAʼÎD	60	11	18	02	0	1	Cc	15.5	21	83	18
	336	EL ʼARISH	40	6	30	02	0	0	—	14.6	23	57	14
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	14.8	30	40	15
	342	MANSURA	360	5	35	00	0	0	—	14.3	33	21	8
	348	TANTA	320	2	35	01	1	1	Cc	14.2	33	24	10
	354	ZAGAZIG	00	0	50	02	0	0	—	14.3	33	34	15
	440	ISMAʼILÎA	340	2	35	02	0	0	—	14.2	35	15	5
Cairo Area	366	Cairo FAROUK (Airport)	340	8	18	00	0	0	—	14.2	31	21	6
	372	ALMÂZA		5	30	00	0	0	—	14.1	32	16	3
		EZBEKÎYA	320	1	18	00	0	0	—	14.6	33	23	9
		GÎZA	320	1	18	00	0	0	—	14.3	32	18	5
	378	HELWÂN	320	4	35	02	0	0	—	14.8	31	13	-1
Upper Egypt	381	FAIYÛM	360	4	35	02	0	0	—	14.4	33	12	0
	387	MINYA	360	5	10	02	0	0	—	14.5	34	15	4
	393	ASYÛT MANQABÂD	20	4	30	02	0	0	—	12.8	35	4	-12
	399	NAGʼ HAMMÂDI	00	0	7	00	0	0	—	12.7	36	17	7
	402	QENA	270	1	50	00	0	0	—	11.1	37	22	12
	405	LUXOR	40	3	30	02	0	0	—	10.4	36	6	-7
	414	ASWÂN	250	3	50	00	0	0	—	10.0	36	17	7
Oases	417	SÎWA	300	5	14	00	0	0	—	17.1	29	27	8
	420	BAHARÎYA	00	0	35	00	0	0	—	15.0	35		
	423	FARAFRA			35	00	0	0	—	14.0	36	20	10
	432	DAKHLA	350	4	50	00	0	0	—	13.6	36	6	-7
	435	KHARGA	00	0	35	00	0	0	—	11.4	37	14	6
Red Sea	450	SUEZ	310	4	50	02	0	0	—	14.3	34	10	-2
	459	TÔR	180	5	50	02	0	0	—	13.6	28?	45	15
	462	HURGHÂDA	360	6	30	02	0	0	—				19
	465	QUSEIR	20	9	15	02	0	0	—	12.4	26	62	18
	641	PORT SÛDÂN	50	10	30	02	0	0	—	10.4	29	52	18
North Sûdân	600	WÂDI HALFA	10	8	30	02	0	0	—	9.6	37		
	640	ABU HAMAD	300	1	30	01	1	0	—		39	21	13
	660	KAREIMA	50	5	30	01	0	0	—	6.6	38	17	5
	680	ʼATBARA	20	5	30	02	0	0	—	5.2	39	8	-1
	721	KHARTÛM	320	8	30	02	0	0	—	4.9	39	16	9
	730	KASSALA	310	3	30	02	0	0	—	2.7	40	12	6
Central Sûdân	751	WAD MEDANI	360	9	35	02	0	0	—	2.5	40	8	0
	801	RENK	230	9	35	02	0	4	CS		39	23	14
	802	ROSEIRES	310	2	35	02	0	0	—	2.7	40	8	0
	771	EL OBEID	70	5	30	03	1	5	Ac CS	6.2	38	9	-1
	760	EL FÂSHER	90	1	30	03	1	7	CS		32	29	12
	770	GENEINA	160	10	15	05	2	3	Cc		37	9	-1
S. Sûdân	840	MALAKÂL	180	11	30	21	6	7	Cu, AC	8.1	31	43	17
	880	WÂU	40	4	30	01	2	1	AC	7.8	31	49	19
	941	JUBA	00	0	50	01	2	5	Cb, AC	5.8	34	39	18

At 1800 on Thursday 16th

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	110	9	15	03	1	3		18.7	15	68	9	0
SÎDI BARÂNI	30	5	14	02	0	0	—	18.9	16	77	12	0
MATRÛH	360	5	18	03	1	3	Cu, CS	18.6	15	83	12	0
EL DABʼA	360	6	7	01	1	3	Cu	18.0	17	77	13	0
ALEXANDRIA	360	14	35	03	2	5	Cu	17.8	17	88	15	0
Alex FOUAD (Airport)	320	4	12	01	2	0	—	17.3	17	94	16	0
DAMIETTA	20	2		01	0	0	—	17.2	20	88	18	0
PORT SAʼÎD	40	9	18	02	0	1		16.7	20	83	17	0
EL ʼARISH	00	0	14	02	0	0	—	15.4	19	77	15	0
DAMANHUR	360	9	15	02	0	0	—	17.6	20	64	13	0
MANSURA	360	5		00	0	0	—	16.7	21	65	14	0
TANTA	00	0	35	02	1	0	—	16.7	20	83	17	0
ZAGAZIG	00	0	35	02	0	0	—	15.9	22	57	13	0
ISMAʼILÎA	20	2	35	02	0	0	—	15.4	25	28	5	0
Cairo FAROUK (Airport)	360	10	12	00	1	0	—	15.5	25	51	14	0
ALMÂZA	340	5	12	00	0	0	—	15.5	27	37	11	0
EZBEKÎYA	330	3	10	00	0	0	—	15.7	26	37	10	
GÎZA	330	3	10	00	0	0	—	15.2	24	51	15	0
HELWÂN	340	12	7	02	0	0	—	15.0	27	33	9	0
FAIYÛM	00	0	35	02	0	0	—	14.4	26	42	12	0
MINYA	10	6	8	02	0	0	—	14.3	22	41	8	0
ASYÛT MANQABÂD	270	4	8	02	0	0	—	14.0	27	20	2	0
NAGʼ HAMMÂDI	00	0		00	0	0	—	13.0	24	32	6	0
QENA	00	0	7	00	0	0	—	11.6	24	38	9	0
LUXOR												
ASWÂN	360	3	50	00	0	0	—	10.2	33	16	4	0
SÎWA	360	2			0	0	—				6	0
BAHARÎYA	320	1	15	02	0	0	—	14.7	29	37	13	0
FARAFRA	00	0	15	00	0	0	—	14.3	27	26	6	0
DAKHLA	340	9	35	00	0	0	—	12.7	31	9	-6	0
KHARGA	00	0	15	00	0	0	—	12.6	28	12	-4	0
SUEZ	300	13	15	02	0	0	—	14.4	27	15	-2	0
TÔR	300	2	35	02	0	0	—	14.0	24	61	16	0
HURGHÂDA	210	6	12	02	0	0	—	13.2	24	19	-1	0
QUSEIR	360	2	15	02	0	0	—	12.6	24	47	12	0

At 0600 on Friday 17th April, 1953

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	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
90	5	15	01	0	0	—	17.4	+3.4	17	22	-3	12	-1	77	13	0	37		SALUM
110	12	15	02	0	0	—	18.0		16	19		9		72	11	0	109		SÎDI BARÂNI
70	3	18	01	1	2	Sc, Cu	18.5	+3.8	17	20		7		68	11	0	52		MATRÛH
70	6	15	01	1	1	Cu	19.2		17	22		11		68	11	0	95		EL DABʼA
90	14	50	03	2	8	Sc, Cu	19.1	+4.7	16	22	-2	15	0	88	14	0	125	182	ALEXANDRIA
360	7	12	02	2	7	Sc	18.5	+2.7	17	24	+1	15	+2	83	14	0	122	138	Alex FOUAD (Airport)
340	5	7	01	0	5	Cu	17.8	+3.5	18	27	+4	15	+2	68	16	0	56	102	DAMIETTA
10	13	10	02	1	5	Sc	17.7	+2.2	19	24	+2	17	+1	63	16	0	61		PORT SAʼÎD
00	0	30	02	0	0	—	16.3	+2.5	22	29?		12		65	15	0	46		EL ʼARISH
40	9	15	02	1	1	Cu	19.0	+4.8	17	31	+4	13	+1	68	11	0	43	96	DAMANHÛR
20	5	15	00	0	0	—	18.6	+4.0	19	34	+6	15	+3	73	14	0	48	50	MANSÛRA
350	5	35	02	0	0	—	18.6	+4.3	17	34	+6	13	+1	77	13	0	18	37	TANTA
00	0	35	02	1	6	Cu	17.8	+3.3	18	35	+6	15	+3	88	16	0	29	26	ZAGAZIG
360	2	[illegible]	01	1	6	Cu	17.5		20	35		14		83	17	0	32		ISMAÎLÎA
70	7	8	05	2	7	St	18.3		17	33		14		83	14	0	7		Cairo FAROUK (Airport)
30	10	12	02	2	7	Sc	17.8	+2.1	17	32	+4	15	+1	77	13	0	8		ALMÂZA
360	5	4	05	2	8	Sc	17.6	+3.1	18	34	+5	16	+2	60	10	0	15	24	EZBEKÎYA
360	5	4	05	2	8	Sc	17.7	+3.3	17	33	+5	15	+4	83	14	0	43	23	GÎZA
340	12	15	02	1	2	Ac	17.4	+3.3	18	33	+4	15	+1	73	13	0	3	26	HELWÂN
360	4	35	02	1	2	St	17.4	+3.0	19	35	+5	15	+2	73	14	0	14	8	FAIYÛM
360	9	8	03	0	3	Ac	16.4	+0.7	19	34	+4	15	+3	77	15	0	1		MINYA
00	0	14	02	0	0	—	15.6	+2.0	21	36	+5	17	+3	50	10	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	13.9	+1.0	23	37	+5	15	+2	32	5	0	0.3		NAGʼ HAMMÂDI
00	0	35	00	0	0	—	14.4	+1.7	26	39	+3	14	-2	25	4	0	2		QENA
00	0	30	02	0	0	—	13.8	+1.2	26			14		17	-1	0	1		LUXOR
360	4	50	00	0	0	—	12.2	-2.1	26	37	+1	21	+2	25	4	0	2		ASWÂN
130	3	14	00	0	0	—	17.2	+3.8	16	31	+1	12	0	68	10	0	2	8	SÎWA
360	2	35	02	1	1	Cu	17.1	+2.2	18	37	+6	15	+2	83	15	0	dr.	7	BAHARÎYA
360	10	35	00	0	0	—	17.1		22	38		16		21	-1	0	1		FARAFRA
340	15	50	00	0	0	—	15.0	+1.3	24	38	+4	19	+4	15	-5	0	0		DAKHLA
00	0	35	00	0	0	—	13.5	+0.3	26	37	+3	18	+2	25	4	0	dr.		KHARGA
310	6	35	00	0	2	Cu	16.6	+2.5	22	36?	+8			21	-1	0	45	15	SUEZ
270	5	35	02	0	0	—	15.5	+3.3	23	34?	+6			74	18	0	Rain	13	TÔR
330	7	30	02	0	0	—	13.6	+0.2	25	28	+3	17	+1	36	9	0	7		HURGHADA
330	2	15	02	0	0	—	12.6	+0.5	28	28	0	22	+2	42	14	0	12	4	QUSEIR
																			PORT SÛDÂN
																			WÂDI HALFA
																			ABU HAMAD
																			KAREIMA
																			ʼATBARA
20	8	50	03	0	4	Ac, CS	9.9		29	40		23		7	-11	0			KHARTÛM
130	1	30	02	0	0	—	8.8		31	41		23		33	13	0			KASSALA
																			WÂD MEDANI
230	2	35	02	0	0	—				41		23			17	0			RENK
																			ROSEIRES
																			EL OBEID
																			EL FÂSHER
																			GENEINA
00	0	30	03	1	8	AC	10.3		27	35		25		58	18	dr.			MALAKÂL
																			WÂU
																			JUBA

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	74	+7
Ezbekiya	32	-22
Gîza	43	-13
Helwan	23	-18

GÎZA
GRASS MINIMUM TEMP. ON 17th 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

Cairo (Farouk) AIRPORT — On 16th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	133	32		20	7
950					
900					
850	1558	20		280	4
800					
700	3190	8		230	5
600					
500	5855	-14		250	18
400	7510	-26		230	22
300	9534	-40		230	22

... AIRPORT — On ... At ... (blank)

... AIRPORT — On ... At ... (blank)

UPPER WIND OBSERVATIONS on 16th

Station	Port Said		Dakhla		Siwa		Alex. A.P.		Luxor		Almaza		Kharga		Matruh		El Arish		Asyut		Hurghada		Minya		Aswan	
Time	14		14		14		14		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.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	60	10	360	12	360	4	360	16	360	2	10	4	70	9	360	10	20	12	310	13	30	3	350	9	330	8
600	60	10	10	14	350	7	350	12	360	3	40	9	20	12	350	10	320	9	320	10	360	1	320	5	330	9
1000	60	10	360	14	350	6	350	11	40	5	320	10	50	13	280	6	230	6	320	9	80	4	350	18	330	9
1500	80	7	350	14	90	2			40	5	220	3			250	10	160	11	20	15	60	8	330	11		
2000	80	8			250	16			320	2	190	4			240	24	130	8	40	24	350	7	80	12		
3000					250	32			300	7	280	10			240	30	320	4								
4000					240	23			280	6																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Alex Fouad Airport		Port Saʼîd		El ʼArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time	8		8		8		8						8		8		6				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	16	120	8	40	5	10	14					10	7	50	6	40	2			350	15		
600	110	7	40	2	160	2	30	14					60	11	120	6	70	9			320	11		
1000	230	8	220	4	140	10							30	7	110	10	60	7			300	6		
1500	240	9	240	10	240	12							30	2	80	12	30	3			220	5		
2000	260	19	260	14	250	17							270	2	50	13	110	3						
3000	270	21	260	14									100	8			10	12						
4000			280	17																				
5000			250	19																				
6000			250	25																				
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	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	100	16	20	8	80	7	30	9																
600	100	18	20	10	60	20	50	14																
1000	60	3	20		60	16	50	16																
1500	250	8	360	4	60	15																		
2000	210	5	360	2																				
3000	290	11	200	14																				
4000	320	14																						
5000																								
6000																								
7000																								
8000																								

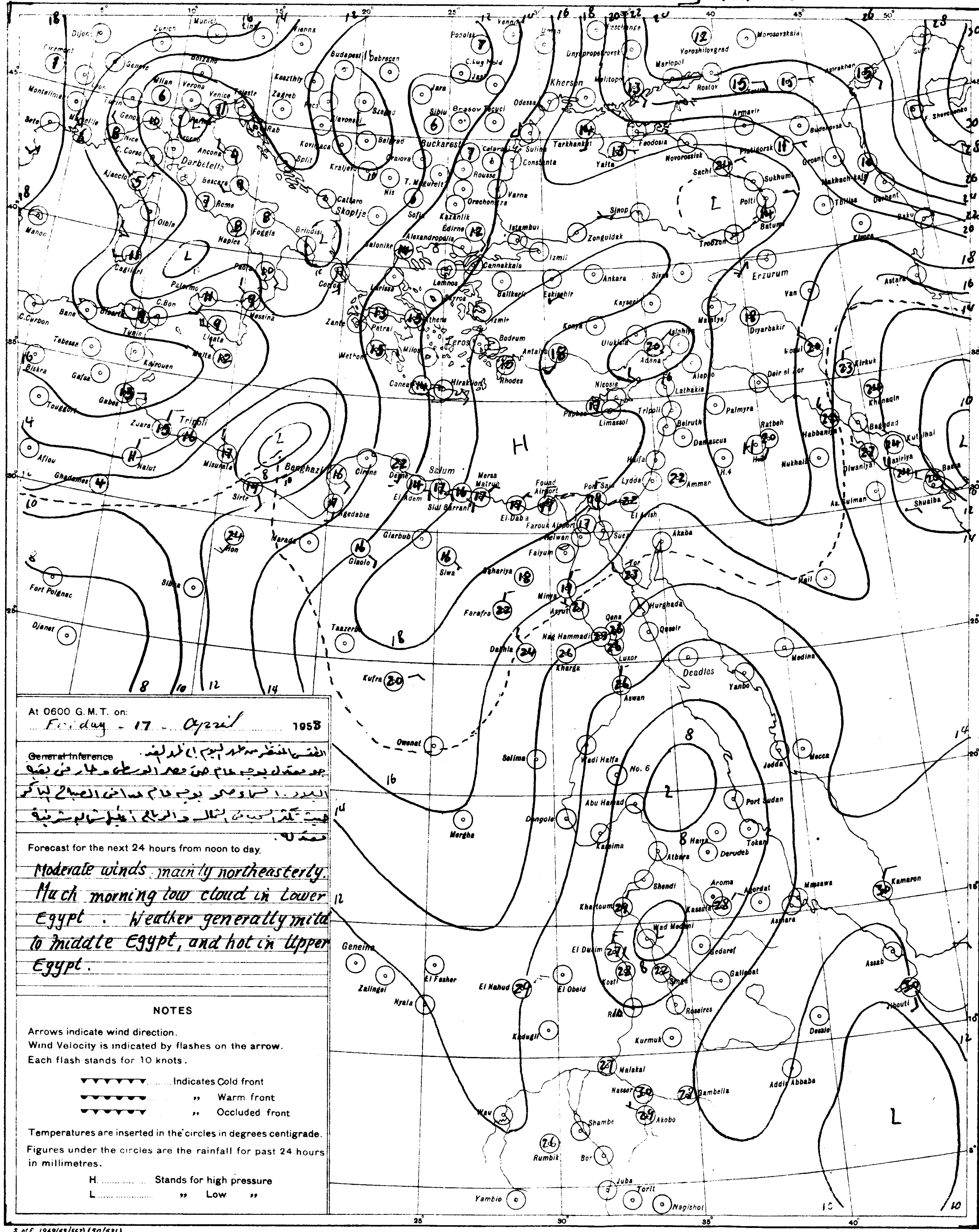
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 17-4-1953



At 0600 G.M.T. on: Friday - 17 - April 1953

~~General Inference~~

الطقس المنتظر من ظهر اليوم إلى ظهر الغد.
جو معتدل بوجه عام في مصر الوسطى وحار في بقية
البلاد. السماء صحو بوجه عام عدا في الصباح الباكر
حيث تكثر السحب في الشمال والرياح أغلبها شمالية شرقية
معتدلة.

Forecast for the next 24 hours from noon to day.

Moderate winds mainly northeasterly. Much morning low cloud in Lower Egypt. Weather generally mild to middle Egypt, and hot in Upper Egypt.

NOTES

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

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

Temperatures are inserted in the 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 26 G.M.T.

" " Sunset 16 24 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 18th April, 1952 3

At 1200 on Friday 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	70	5	15	02	0	0	—	14.4	23	50	12
	303	SÎDI BARÂNI	80	13	18	02	0	0	—	15.6	21	61	13
	306	MATRÛH	60	8	30	02	0	0	—	16.8	21	57	12
	309	EL DABA	90	5	35	00	0	0	—	16.2	20	56	11
		ALEXANDRIA	40	16	50	00	0	0	—	16.4	18	73	13
	318	Fouad (Airport)	20	7	18	01	1	0	—	16.9	21	65	14
	330	DAMIETTA											
	333	PORT SAÏD	20	12	14	02	0	1	Ci	16.2	21	78	17
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	16.4	25	42	11
	342	MANSURA	40	3	35	00	0	0	—	16.4	27	52	16
	348	TANTA	310	5	35	01	1	1	Ci	16.5	28	45	15
	354	ZAGAZIG	320	1	50	02	1	0	—	16.7	30	52	17
	440	ISMAÏLÍA											
Cairo Area	356	Cairo (Airport)	60	12	18	00	0	0	—	15.3	29	35	12
	372	ALMAZA	20	11	30	00	0	0	—	14.7	29	29	9
		EZBEKIYA	340	3	18	00	2	0	—	14.4	29	31	10
		GÎZA	340	3	18	00	2	0	—	15.0	28	40	13
	378	HELWÂN	360	11	15	02	0	0	—	14.6	30	25	8
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	14.8	32	20	6
	387	MINYA	350	11	10	02	1	0	—	14.2	32	36	15
	393	ASYUT Manqabâd	00	0	18	02	0	0	—	13.1	37	13	4
	399	NAG' HAMMADI	00	0	7	00	0	0	—	12.6	37	14	6
	402	QENA	320	1	50	00	0	0	—	12.0	39	9	1
	405	LUXOR	300	4	30	00	0	0	—	11.0	38	5	-8
	414	ASWÂN	290	4	50	00	0	0	—	9.3	38	13	5
Oases	417	SÎWA	120	4	14	03	0	1	Ci	16.8	30	22	6
	420	BAHARÎYA	320	1	35	02	0	0	—	14.6	35	29	14
	423	FARAFRA	320	4	35	00	0	0	—	15.0	34	29	13
	432	DAKHLA	90	9	50	00	0	0	—	12.2	38	6	-5
	435	KHARGA	00	0	35	00	0	0	—	10.8	38	16	8
Red Sea	450	SUEZ	310	5	50	02	0	2	Cu	13.9	30	38	14
	459	TÛR	310	5	35	02	0	0	—	12.6	26	55	16
	462	HURGHADA	20	5	30	02	0	0	—	12.8	27	66	20
	465	QUSEIR	20	5	15	02	0	0	—	12.3	26	70	20
	641	PORT SUDÂN	30	12	30	02	0	1	Cu	9.7	29	62	21
North Sudan	600	WÂDI HALFA	310	9	30	02	0	0	—	4.0	38	6	-7
	640	ABU HAMAD	00	0	30	02	0	0	—		36	19	9
	660	KAREIMA	20	4	30	02	0	0	—				-5
	680	'ATBARA	20	9	30	02	0	0	—	5.6	39	6	-5
	721	KHARTUM	360	8	30	02	0	1	Ci	4.7	39	7	-3
	730	KASSALA	320	2	30	02	0	0	—	2.9	40	12	6
Central Sudan	751	WAD MEDÂNI											
	801	RENK											
	802	ROSEIRES	50	5	35	02	0	0	—	2.8	41	10	3
	771	EL OBEID	360	3	30	02	1	4	AC	4.4	38	9	-1
	760	EL FASHER	360	1	30	02	1	5	Ac, Ci		37	24	13
	770	GENEINA	80	10	30	02	0	2	Ci		36	8	-3
S. Sudan	840	MALAKÂL	310	2	30	03	1	3	Cu, Ci	5.5	39	18	11
	880	WAU											
	941	JUBA	230	4	50	15	1	6	Cb, Ci	4.3	37	33	18

At 1800 on Friday 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	290	5	15	03	1	2	Cu	10.6	21	50	10	0
SÎDI BARÂNI	120	4	14	02	0	0	—	10.9	19	60	11	0
MATRÛH	90	4	12	02	0	1	Cs	12.6	16	82	13	0
EL DABA	90	2	7	00	0	0	—	13.1	16	77	12	0
ALEXANDRIA	40	11	35	01	0	0	—	12.4	18	88	16	0
Fouad (Airport)	00	0	12	02	0	0	—	12.8	16	88	14	0
DAMIETTA	40	2		01	1	0	—	15.2	18	97	18	0
PORT SAÏD	40	8	12	02	0	1	Ci	14.9	18	88	16	0
EL 'ARISH	00	0	14	02	0	0	—	14.5	18	83	15	0
DAMANHUR	40	5	15	02	0	0	—	15.4	18	73	13	0
MANSURA	40	5		00	0	0	—	15.2	20	73	15	0
TANTA	360	2	35	02	1	0	—	14.6	21	83	18	0
ZAGAZIG	00	0	35	02	0	0	—	14.6	20	83	17	0
ISMAÏLÍA	40	2	35	02	0	0	—	14.8	20	73	15	0
Cairo (Airport)	90	9	12	02	0	0	—	13.2	24	47	12	0
ALMAZA	50	9	14	00	0	0	—	13.7	25	39	10	0
EZBEKIYA	20	2	10	00	0	0	—	13.7	24	38	9	0
GÎZA	20	2	10	00	0	0	—	13.3	24	54	14	0
HELWÂN	340	11	15	02	0	0	—	13.5	25	34	8	0
FAIYÛM	00	0	35	02	0	0	—	14.2	25	47	13	0
MINYA	360	5	8	02	0	0	—	13.3	22	61	14	0
ASYUT Manqabâd	260	3	12	02	0	0	—	13.3	28	25	6	0
NAG' HAMMADI	00	0		00	0	0	—	12.4	26	62	18	0
QENA	00	0	50	00	0	0	—	12.4	28	33	10	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	9.6	34	14	3	0
SÎWA	200	1	10	00	0	0	—	14.0	26	28	6	0
BAHARÎYA	00	0	15	02	0	0	—	13.9	28	40	13	0
FARAFRA	00	0	35	00	0	0	—	13.8	30	29	10	0
DAKHLA	340	11	35	00	0	0	—	12.0	31	12	-1	0
KHARGA	00	0	15	00	0	0	—	10.8	30	11	-4	0
SUEZ	360	3	15	01	0	0	—	13.6	24	50	13	0
TÛR	360	2	15	02	0	0	—	12.2	22	63	19	0
HURGHADA	130	1	14	02	0	0	—	11.9	24	61	16	0
QUSEIR	20	2	15	02	0	0	—	11.7	24	69	18	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDÂNI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WAU												
JUBA												

At 0600 on Saturday 18th April, 1953

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALUM	240	9	15	00	0	0	—	14.3	+0.4	18	25	0	15	+2	73	13	0	37	
SÎDI BARÂNI	320	16	12	02	0	3	ct	13.7		17	22		16		77	13	0	109	
MATRÛH	280	13	14	02	0	0	—	12.8	-1.9	18	22		14		78	14	0	52	
EL DABA	290	7	15	01	1	1	Cu	12.5		19	20		11		73	14	0	95	
ALEXANDRIA	130	14	50	03	4	4	Cu	12.6	-1.8	19	21	-3	15	0	64	12	0	125	182
Fouad (Airport)	00	0	18	01	2	2	Ac	12.6	-3.2	20	22	-1	14	+1	69	14	0	122	138
DAMIETTA	90	2	15	00	0	0	—	13.5	-0.7	20	21	-2	14	0	88	18	0	56	102
PORT SAÏD	90	8	12	02	0	0	—	12.8	-0.6	20	22	0	16	0	88	18	0	61	
EL 'ARISH	160	2	30	02	0	0	—	13.1	-0.7	21	22?		12		57	12	0	46	
DAMANHUR	40	5	15	02	1	1	Ci	13.4	-0.8	18	27	0	15	+2	73	13	0	43	96
MANSURA	220	3	15	00	0	0	—	13.5	-1.0	20	28	0	12	-1	73	15	0	46	50
TANTA	180	2	35	02	0	0	—	13.3	-1.3	19	27	0	12	0	64	12	0	18	38
ZAGAZIG	320	1	35	02	0	0	—	13.4	-1.1	19	34	+5	15	+3	73	14	0	29	26
ISMAÏLÍA	160	2	35	01	0	0	—	13.8		22	28		13		50	11	0	32	
Cairo (Airport)	00	0	10	02	0	0	—	13.5		22	30		17		44	9	0	7	
ALMAZA	00	0	15	00	0	0	—	13.1	-2.5	25	30	+2	17	+3	28	5	0	8	
EZBEKIYA	00	0	10	00	0	0	—	13.8	0.6	25	30	+1	16	+2	34	8	0	15	24
GÎZA	00	0	10	00	0	0	—	13.5	-1.0	25	30	+1	12	+1	32	7	0	43	23
HELWÂN	00	0	7	05	0	0	—	14.0	0.0	22	32	+3	16	+4	38	7	0	3	26
FAIYÛM	00	0	35	02	0	0	—	14.2	-0.1	22	33	+3	15	+2	57	13	0	14	8
MINYA	00	0	12	02	0	0	—	14.4	-1.3	22	33	+3	12	0	61	14	0	1	
ASYUT Manqabad	270	5	12	02	0	0	—	14.3	+0.8	23	38	+7	19	+5	44	10	0	2	
NAG' HAMMADI	00	0	7	03	0	0	—	13.9	+1.1	24	38	+6			47	12	0	0.3	
QENA	00	0	35	00	0	0	—	13.3	+0.9	28	40	+4	16	0	27	7	0	2	
LUXOR	00	0	30	02	0	0	—	12.8	+0.2	28			17		20	3	0	1	
ASWÂN	00	0	50	00	0	0	—	12.7	+0.5	27	39	+3	22	+2	37	11	0	2	
SÎWA	00	0	12	03	0	4	Ac, Cs	14.3	-1.0	21	33	+3	15	+3	44	8	0	2	8
BAHARÎYA	00	0	35	02	0	0	—	14.4	-0.5	23	35	+4	15	+2	44	10	0	dr.	7
FARAFRA	140	3	35	00	0	0	—	14.6		22	36		14		36	6	0	1	
DAKHLA	340	9	50	00	0	0	—	13.8	+0.1	25	40	+6	19	+4	28	5	0	0	
KHARGA	00	0	35	00	0	0	—	13.9	+0.7	27	36	+4	20	+4	42	13	0	dr.	
SUEZ	40	2	35	00	0	0	—	13.3	-0.7	22	32	+3			57	13	0	45	15
TÛR	140	5	35	02	0	0	—	12.8	+0.7	23	27	-1	17	0	74	18	0	Trace	13
HURGHADA	350	6	18	02	0	0	—	12.6	-0.7	24	28	+3	17	+1	57	15	0	7	
QUSEIR	20	1	15	02	0	0	—	12.1	0.0	26	30	+2	22	+2	40	13	0	12	4
PORT SUDÂN	310	1	50	02	0	0	—			31	32		21		36	14	0		
WÂDI HALFA	00	0	30	02	0	0	—	11.7		21	39		18		17	-5	0		
ABU HAMAD	00	0	30	02	0	0	—			24	39		22		27	8	0		
KAREIMA	40	8	18	02	0	0	—	10.0		28	39		21		10	-7	0		
'ATBARA	60	5	30	02	0	0	—	9.2		29	39		21		20	4	0		
KHARTUM		5	30	02	0	0	—	9.5		29	40		20		10	-6	0		
KASSALA	10	4	30	02	0	0	—	7.4			41		20			15	0		
WAD MEDÂNI	50	9	35	02	0	0	—	8.6		28	41		18		25	6	0		
RENK																			
ROSEIRES																			
EL OBEID																			
EL FASHER	00	0	30	02	0	2	Ci			21	38		15		35	5	0		
GENEINA																			
MALAKÂL																			
WAU																			
JUBA																			

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	on 17th	Diff. from normal
Alexandria	87	+20
Ezbekiya	45	-9
Giza	65	+9
Helwan	49	+8

GIZA GRASS MINIMUM TEMP. on 18th 9.5 °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

Cairo Airport — On 17th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	132	30		70	8
950					
900					
850	1555	20		350	8
800					
700	3302	9		210	19
600					
500	5867	-12		240	21
400	7544	-25		250	16
300	9567	-42		260	27
200	12220	-52		260	67

Airport — On 18th At 0500

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950		29		30	30
900	1008	27		20	28
850	1509	23		10	22
800	2036	19		10	14
700	3164	11		280	16
600		4		250	24
500	5889	-4		180?	24
400	7602	-16		270	31
300	9705	-31		360	39
	12445	-53		240	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					

UPPER WIND OBSERVATIONS on 17th

Station	Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		S. Barani	
Time	14		14		14		14		14		14	30	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	120	14	70	8	20	17	10	14	20	11	340	16	320	7	30	7	310	4			350	11	50	10	170	21
600	170	15	280	4	50	16	330	13	20	18	320	14	320	5	330	8	310	9	160	11	360	9	50	14	170	26
1000	190	16	220	10	300	9	350	3	60	12	320	12	340	3	360	12	310	10	180	11	10	7	50	14	190	24
1500	220	12	250	10	250	5	330	10	80	10	210	4	70	4	280	5	330	6	230	8	20	9			220	24
2000	240	9	250	16	220	11	190	13					70	7	150	6	320	4	250	13	20	17			250	31
3000	250	24					220	12					30	10	80	8			260	17					260	30
4000			240	19									360	10					300	23						
5000													350	12					310	23						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		Farafra	
Time	8		8		8		8				7 45		8		9		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	17	300	22	140	7	140	7			160	5	110	3	360	3	40	4			330	13	160	9
600	350	19	340	13	240	4	240	4			200	4	320	2	350	3	360	3			320	9	150	9
1000	330	17	300	13	260	1	260	1			270	7	290	8	10	5	360	4			360	3	190	6
1500	300	18	240	26	230	20	230	20			240	16	330	7	360	11	60	4			360	6	160	4
2000					260	23	260	23			280	16			330	8	10	9			330	4		
3000					250	34	250	34			260	12			350	20					330	3		
4000															350	20								
5000															360	15								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	7 30		8		8		8								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	270	6	280	13	110	2	30	10																
600	260	14	270	16	60	6	30	15							30	30								
1000	240	30	280	20	350	9	30	14							30	28								
1500	240	28	260	8	350	6	360	13							100	22								
2000	250	35	260	20			320	9																
3000	260	51	260	17											270	16								
4000																								
5000																								
6000															280	24								
7000																								
8000																								

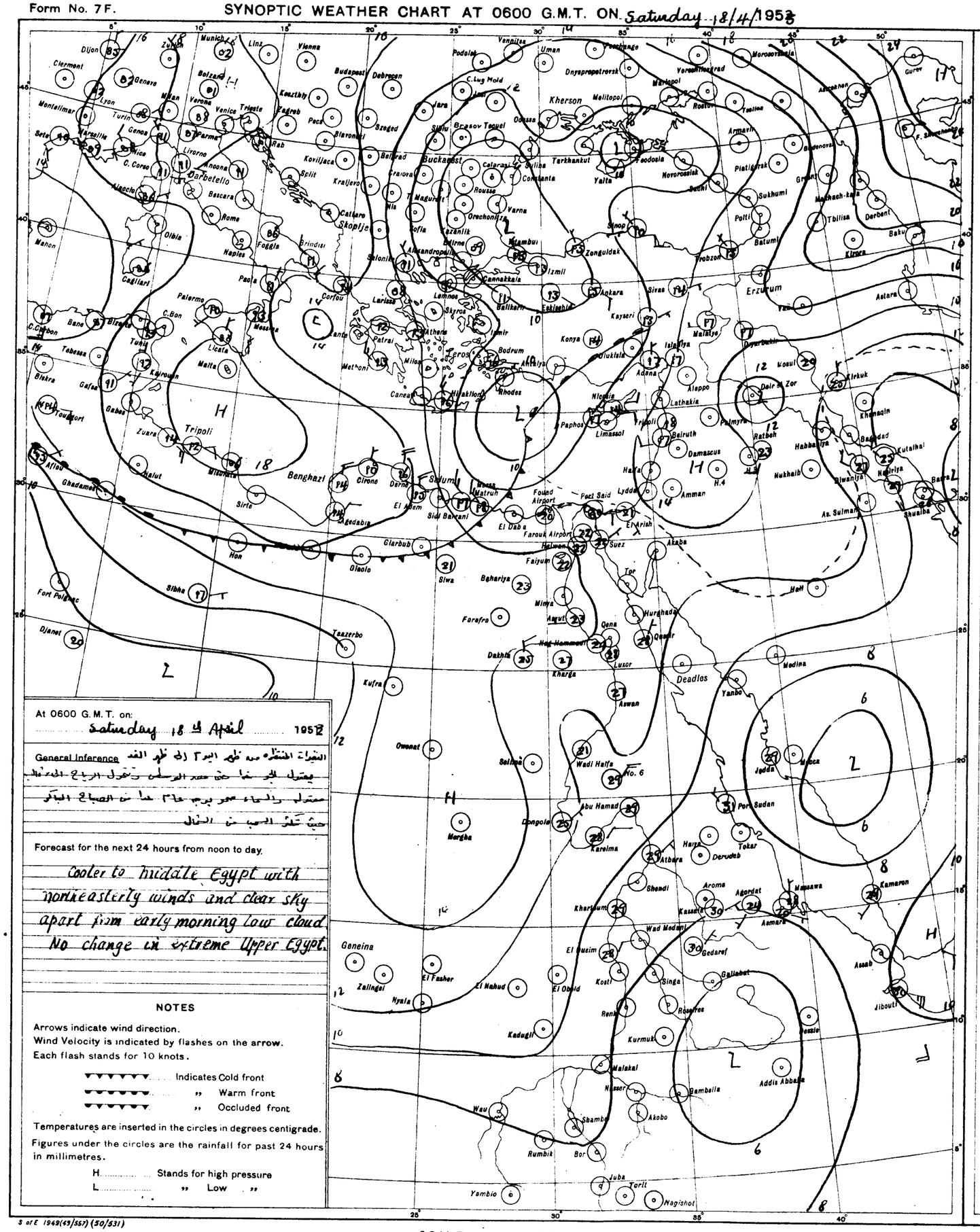
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,552) (50,531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 18/4/1953



At 0600 G.M.T. on:
Saturday 18 th April 1953

General Inference

Forecast for the next 24 hours from noon to day.

Cooler to middle Egypt with northeasterly winds and clear sky apart from early morning low cloud. No change in extreme Upper Egypt.

NOTES

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

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 25 G.M.T.
" " Sunset 16 24 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 19th April, 1952 3

At 1200 on Saturday 18th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
MEDITERRANEAN	62300	SALÛM	360	9	35	00	0	0	—	15.1	19	73	14
	303	SÎDI BARÂNI	330	11	15	02	0	2	Sc	14.7	19	64	12
	306	MATRÛH	300	13	18	03	1	4	Cu	14.0	19	73	14
	309	EL DAB'A	340	8	35	00	0	0	—		20	73	15
		ALEXANDRIA	310	16	50	00	0	0	—	13.0	21	69	15
	318	FOUAD (Airport) Alex	320	11	18	01	0	0	—	12.8	22	69	16
	330	DAMIETTA	140	5	35	02	0	0	—	12.0	30?	52	19
	333	PORT SA'ÎD	70	9	30	02	0	0	—	11.4	23	78	17
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	40	5	15	02	1	1	Ci	12.6	24	29	9
	342	MANSURA	270	3	35	00	0	0	—	11.4	34	22	9
	348	TANTA	220	2	35	02	0	0	—	12.4	34	22	9
	354	ZAGAZIG	00	0	50	02	0	0	—	11.1	35	32	16
	440	ISMAILIA	270	2	35	02	0	0	—	11.2	34	14	3
CAIRO AREA	366	FAROUK (Airport) Cairo	250	10	18	00	0	0	—	11.5	35	15	5
	370	ALMAZA	250	11	30	00	0	0	—	11.0	36	12	2
		EZBEKIYA	300	1	30	00	0	0	—	10.7	36	19	9
		GIZA	300	1	30	00	0	0	—	10.8	36	19	9
	378	HELWAN	200	3	35	02	0	0	—	11.1	35	15	5
UPPER EGYPT	381	FAIYUM	360	4	35	02	0	0	—	11.4	36	17	7
	387	MINYA	00	0	12	02	0	0	—	12.2	36	17	7
	393	ASYUT MANQABAD	350	2	30	02	0	0	—	11.9	37	11	1
	399	NAG' HAMMADI	00	0	15	00	0	0	—	11.1	38	16	8
	402	QENA	00	0	50	00	0	0	—	10.0	40	19	12
	405	LUXOR	10	3	30	02	0	0	—	9.8	38	7	-4
	414	ASWAN	340	5	50	00	0	0	—	9.1	37	14	6
OASES	417	SIWA	360	4	13	00	0	0	—	13.6	33	14	2
	420	BAHARIYA	270	2	35	02	0	0	—	12.6	38	22	13
	423	FARAFRA	00	0	35	00	0	0	—	12.3	38	19	11
	[illegible]	DAKHLA	80	9	50	00	0	0	—	11.0	38	9	0
	[illegible]	KHARGA	00	0	35	00	0	0	—	12.3	38	16	8
RED SEA	[illegible]	SUEZ	180	2	50	02	0	0	—	10.3	34	18	6
	[illegible]	TOR	220	9	35	02	0	0	—	11.2	30	42	16
	462	HURGHADA	50	5	30	02	0	0	—	10.8	29	55	19
	465	QUSEIR	20	5	15	02	0	0	—	12.2	28	52	17
	641	PORT SUDAN	50	14	50	02	0	1	Cu	8.1	31	70	25
NORTH SUDAN	600	WADI HALFA	10	15	30	02	0	0	—	8.8	39	6	-5
	640	ABU HAMAD	310	2	30	02	0	0	—		38	7	-3
	650	KAREIMA	50	6	30	02	0	0	—	6.7	38	9	-1
	680	ATBARA	340	7	30	02	0	1	Cu	4.6	38	13	5
	721	KHARTUM	330	13	30	02	0	0	—	4.6	39	10	2
	750	KASSALA	50		30	02	0	2		3.4	39	14	7
CENTRAL SUDAN	[illegible]	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	90	7	30	02	1	5	Ac, Ci	4.4	37	13	4
	760	EL FASHER	40	5	30	02	0	0	—		35	27	13
	770	GENEINA	40	14	30	02	0	0	—		39	23	14
SOUTH SUDAN	840	MALAKAL	360	2	30	04	0	4	Cu	6.3	39	16	9
	880	WAU	230	6	30	02	2	7	Cu, Ci	7.3	34	36	17
	941	JUBA											

At 1800 on Saturday 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	290	5	15	00	0	0	—	15.8	16	68	10	0
SÎDI BARÂNI	330	13	14	02	0	4	Sc	15.2	16	72	11	0
MATRÛH	310	13	14	01	2	5	Sc	14.5	16	77	12	0
EL DAB'A	340	4	7	01	1	3	Cu	14.2	17	77	13	0
ALEXANDRIA	360	16	35	01	1	1	Sc	13.5	17	77	13	0
FOUAD (Airport)	340	11	12	02	1	3	Sc	13.3	17	83	14	0
DAMIETTA	320	5		02	0	0	—	12.3	19	88	17	0
PORT SA'ÎD	340	13	14	02	0	0	—	11.4	20	88	18	0
EL 'ARISH	80	2	14	03	1	2	AC	10.1	20	73	15	0
DAMANHUR	40	9	15	02	0	0	—	13.4	20	64	13	0
MANSURA	340	5		00	0	0	—	11.9	19	73	14	0
TANTA	310	2	35	02	0	0	—	13.0	17	77	13	0
ZAGAZIG	00	0	35	02	0	0	—	11.6	21	74	16	0
ISMAILIA	340	9	35	02	0	0	—	11.5	25	61	17	0
FAROUK (Airport)	340	10	12	00	1	0	—	11.9	23	61	15	0
ALMAZA	330	9	12	00	1	0	—	12.1	24	47	12	0
EZBEKIYA	340	5	10	00	0	0	—	13.0	25	39	10	0
GIZA	340	5	10	00	0	0	—	11.1	21	61	13	0
HELWAN	340	12	7	02	1	1	AC	11.9	25	47	13	0
FAIYUM			35	02	0	0	—	11.5	25	34	8	0
MINYA	00	0	8	02	0	0	—	10.6	29	31	10?	0
ASYUT MANQABAD	00	0	8	02	0	0	—	10.4	31	8	-7	0
NAG' HAMMADI	00	0	7	00	0	0	—	9.4	26	37	10	0
QENA	270	1	7	00	0	0	—	8.0	29	29	9	0
LUXOR	00	0	12	02	0	0	—	8.4	30	18	3	0
ASWAN	360	3	50	00	0	0	—	9.5	34	18	6	0
SIWA	360	14	10	00	0	0	—	14.2	26	18	0	0
BAHARIYA	360	3	15	02	0	0	—	11.8	28	45	15	0
FARAFRA	00	0	15	00	0	0	—	12.0	31	22	7	0
DAKHLA	00	0	50	00	0	0	—	10.8	33	5	-13	0
KHARGA	00	0	15	00	0	0	—	9.9	31	12	-1	0
SUEZ	360	4	15	02	0	0	—	11.2	28	33	10	0
TOR			15	02	0	0	—	10.6	24	69	18	0
HURGHADA	00	0	14	02	0	0	—	9.5	25	70	19	0
QUSEIR	20	2	15	02	0	0	—	9.6	25	70	19	0

At 0600 on Sunday 19th April, 1953

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	270	5	15	00	0	0	—	15.8	+1.9	16	23	-3	13	0	59	8	0	37	
SÎDI BARÂNI	320	10	14	02	0	3	Sc, Ci	15.1		16	20		14		66	10	0	104	
MATRÛH	310	9	18	02	1	4	Sc	14.7	+0.1	16	20		14		64	9	0	52	
EL DAB'A	340	10	15	01	1	3	Cu	14.7		17	21		14		77	13	0	95	
ALEXANDRIA	310	14	50	03	2	4	Sc	14.7	+0.3	17	28	+4	15	0	68	11	0	125	182
FOUAD (Airport) Alex	330	8	18	03	1	4	Sc	14.8	-0.9	18	30	+7	16	+3	64	11	0	122	138
DAMIETTA	320	5	15	03	1	6	Cu	14.3	+0.1	17	30	+7	17	+3	77	13	0	56	102
PORT SA'ÎD	310	8	14	01	1	3	Sc	14.2	-1.1	19	27	+5	16	0	64	12	0	61	
EL 'ARISH	360	2	30	01	2	3	Sc	12.5	-1.3	18	27		16		68	12	0	46	
DAMANHÛR	40	9	15	02	1	3	Cu	14.7	+0.6	18	30	+3	14	+1	60	10	0	43	97
MANSÛRA	320	5	15	00	0	0	—	14.8	+0.3	18	34	+6	13	0	73	13	0	48	50
TANTA	220	2	35	03	2	5	Cu	14.7	+0.2	17	35	+6	11	-1	77	13	0	18	38
ZAGAZIG	00	0	35	02	0	0	—	15.0	+0.5	21	36	+7	12	0	69	15	0	29	26
ISMAILIA	340	5	35	01	1	3	Cu	14.3		19	36		13		73	14	0	32	
FAROUK (Airport) Cairo	360	5	12	02	1	5	Sc	14.4		16	35		14		62	13	0	7	
ALMÂZA	350	6	12	21	2	6	Cu	14.7	-0.9	17	36	+8	14	0	72	12	0	8	
EZBEKÎYA	340	2	10	02	1	4	Cu	15.1	+0.7	17	37	+8	15	+1	68	11	0	15	24
GÎZA	340	2	10	02	1	4	Cu	14.7	+0.3	17	37	+8	14	+3	72	12	0	43	23
HELWÂN	340	11	15	01	1	2	Sc	15.1	+1.1	16	36	+7	14	-1	68	10	0	3	26
FAIYÛM	360	6	35	01	1	3	St	14.7	+0.5	17	37	+7	13	0	68	11	0	14	6
MINYA											38	+8							
ASYÛT MANQABAD	310	7	10	02	0	0	—	13.3	-0.2	19	39	+8	16	+2	64	12	0	2	
NAG' HAMMÂDI	00	0		00	0	0	—	12.2	-0.5	24	40	+8	12	-2	47	12	0	0-3	
QENA	270	1	35	00	0	0	—	10.6	-1.7	29	41	+5	16	-1	35	12	0	2	
LUXOR	00	0	30	02	0	0	—	11.0	-1.5	28	40		17		14	-2	0	1	
ASWÂN	00	0	50	00	0	0	—	10.6	-1.5	27	38	+2	22	+2	42	13	0	2	
SÎWA	30	3	14	00	0	0	—	18.3	+3.0	16	34	+4	11	-1	72	11	0	2	8
BAHARÎYA	360	1	35	02	0	0	—	15.6	+0.8	16	39	+8	13	0	77	12	0	dr.	7
FARAFRA	360	10	35	00	0	0	—	16.3		18	39		15		37	3	0	1	
DAKHLA	110	15	50	00	0	0	—	13.4	-0.2	25	39	+5	18	+3	17	-2	0	0	
KHARGA	20	2	7	00	0	0	—	12.6	-0.4	23	39	+5	17	+1	38	8	0	dr.	
SUEZ	310	2	35	00	0	3	Cu	13.5	-0.5	18	35	+6	16	+1	73	13	0	45	15
TÔR	310	9	35	02	0	0	—	11.5	-0.6	22	32	+4	20	+3	58	13	0	Rain	13
HURGHADA	320		30	02	0	0	—	10.7	-2.5	23	32	+7	19	+3	57	14	0	7	
QUSEIR	20	5	15	02	0	0	—	10.3	-1.7	27	30	+2	23	+3	55	17	0	12	4
PORT SUDÂN	360	8	50	02	0	0	—	10.2		30	34		20		49	18	0		
WÂDI HALFA	00	0	30	02	0	0	—	11.1		26	39		19		16	-2	0		
ABU HAMAD	360	2	30	03	0	1	AC			29	39		21		18	2	0		
KAREIMA	50	14	30	02	0	1	Ci	10.3		28	39		23		19	2	0		
'ATBARA	10	2	30	03	1	6	Ci	10.6		27	39		21		28	7	0		
KHARTÛM	20	15	30	03	1	6	Ac, Cs	8.0		30	40		22		9	-6	0		
KASSALA	40	9	10	07	0	0	—	7.0		33	40		21		21	8	0		
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID	360	6	30	02	2	7	AC	9.0		26	39		20		16	-2	0		
EL FÂSHER																			
GENEINA																			
MALAKAL	190	1	30	03	1	2	Ac, Ci	9.2		29	40		23		55	19	0		
WÂU																			
JUBA	190	7	50	01	2	6	AC	10.9		27	34		22		62	19	0		

HUMIDITY
Mean of day

Station	on 18th	Diff from normal
Alexandria	71	+4
Ezbekiya	34?	-19
Giza	42	-13
Helwan	40	0

GIZA GRASS MINIMUM TEMP on 19th 13.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE

[illegible] AIRPORT On 18th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	88	34		330	8
950					
900					
850	1526	22		250	13
800					
700	3171	8		250	30
600					
500	5838	-12		270	37
400	7503	-25		270	23
300	9523	-41			

Khartum AIRPORT On 19th At 05h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		28		110	33
900	1002	28		20	28
850	1506	24		20	16
800	2030	19		340	7
700	3158	12		260	16
600	4419	1		260	15
500	5864	-6		260	20
400	7534	[illegible]		270	28
300					
200					

AIRPORT On ... At ...

Pressure 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	Matruh		Port Said		El Arish		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		Alex. A.P.		S. Barani		Farafra	
Time	14		14		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	320	17	350	7	320	16	120	3	310	15	350	8	350	20	330	8	360	10	140	20			330	17	300	8
600			330	10	280	14	140	2	300	11	350	9	340	19	340	9	350	13	140	21	320	17	340	10	280	7
1000			300	13	270	19	120	3	310	16	340	10	350	10	330	10	350	13	120	10			320	14	290	10
1500			300	17	250	19	140	2	290	9	330	13	340	12	330	11	360	9	160	6			280	29	280	13
2000					230	31	140	2	330	10			300	19	330	12							280	26		
3000									340	10			290	23									280	30		
4000													310	25												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra	
Time	8		8				8				7		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	310	9	320	10			300	13			350	5	350	17	310	16	280	5					10	8
600	310	9	310	8			300	16			10	8	360	16	320	13	260	8					10	9
1000	320	17	300	12			300	15			310	13	350	16	350	23	260	9					20	6
1500	330	19	310	23			290	12			300	12	310	18	310	17	250	10					20	5
2000			300	23			300	17					320	16			260	11						
3000			300	30									310	30			270	8						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakâl	
Time	7		8		8		8		4		3								4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	7	360	5	350	14	360	10	70	7														
600	80	8	360	6	10	11	360	16	70	9	70	13												
1000	10	15	360	9	10	21	340	16	70	12	70	14							20	27				
1500	330	18	340	10	340	18	260	13	50	11	50	13							30	23				
2000	320	29	340	13															50	12				
3000	310	34	320	35					10	5	350	13							180	5				
4000	330	46							30	7														
5000									20	26	310	17												
6000									20	22	290	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.

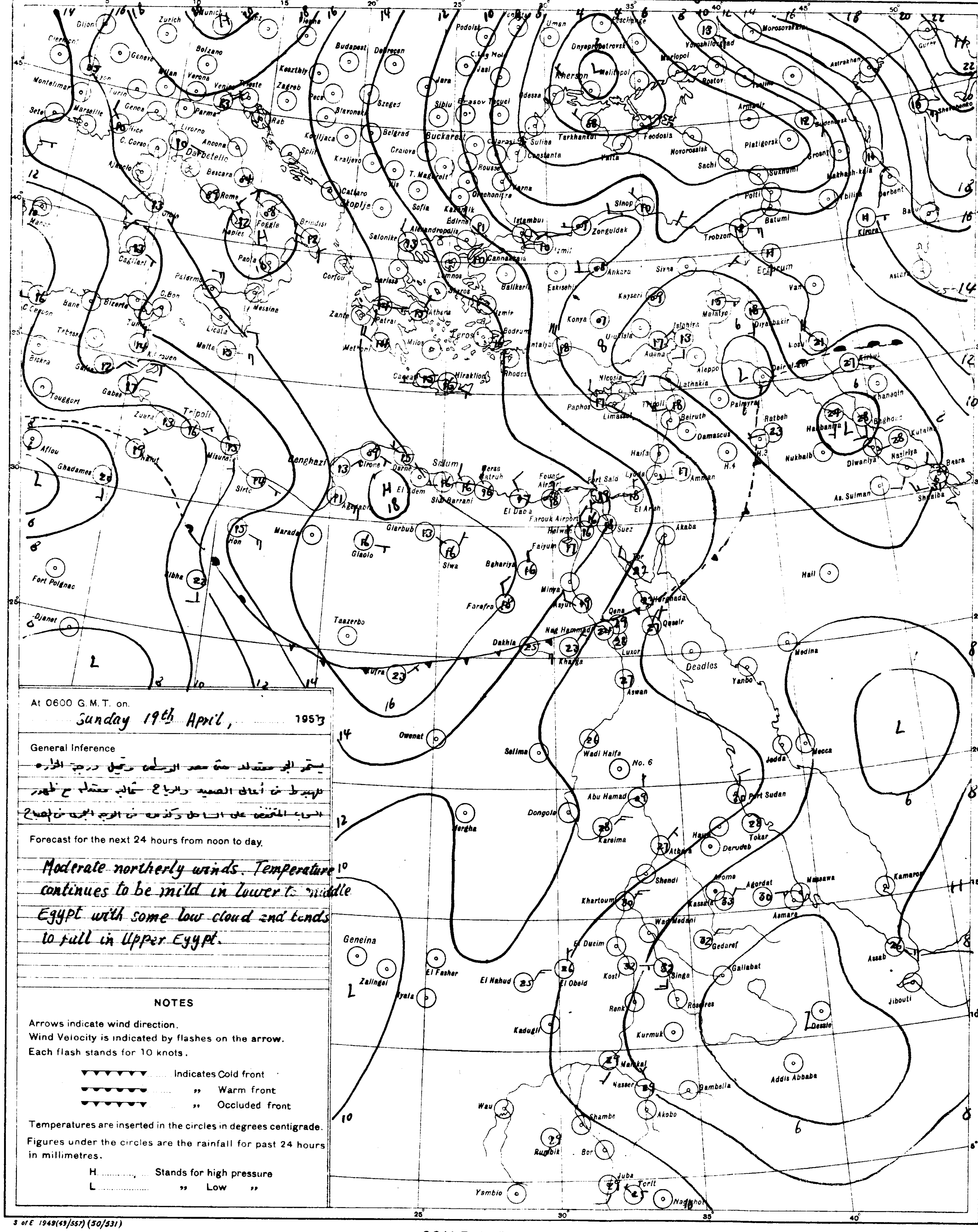
Printed by the Survey of Egypt 1949 (49 [illegible]) (50/430)

Note: All times are G.M.T.

Annual Subscription [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 19/4/1953



At 0600 G.M.T. on Sunday 19th April, 1953

General Inference

يستمر الجو معتدلا مع معظم الوجه وتقل درجة الحرارة
وتهبط في أعلى الصعيد والرياح شمالية معتدلة مع ظهور
السحب المنخفضة على الساحل وتكونه في الوجه البحري في الصباح

Forecast for the next 24 hours from noon to day.

Moderate northerly winds. Temperature continues to be mild in lower to middle Egypt with some low cloud and tends to fall in Upper Egypt.

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 24 G. M. T.
" " Sunset 16 25 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Monday 20th April, 1952 3

At 1200 on Sunday 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	340	3	35	00	0	0	—	15.6	18	73	13
	303	SĪDI BARĀNI	320	8	18	01	1	2	Ci	14.9	18	64	11
	306	MATRŪH	320	9	18	01	1	2	Ci	14.4	18	60	10
	309	EL DABʿA	340	5	35	01	1	1	Cu	14.5	18	60	10
		ALEXANDRIA	310	13	50	02	2	3	Cs	14.8	18	60	10
	318	Alex (Airport)	320	8	18	02	1	4	Sc, Ci	14.7	20	60	12
	330	DAMIETTA	320	5	35	01	1	0	—	14.0	19	52	9
	333	PORT SAʿĪD	350	12	30	02	0	1	Ci	13.4	19	68	13
	336	EL ʿARISH	350	7	30	03	1	3	Cu, Ci	12.8	20	60	12
LOWER EGYPT	339	DAMANHUR	40	9	15	02	1	2	Cu	14.6	22	50	11
	342	MANSURA	320	5	35	02	1	2	AC	13.0	24	38	9
	348	TANTA	300	2	35	01	1	2	Ci	14.3	25	42	11
	354	ZAGAZIG	00	0	50	02	1	3	Ci	12.8	26	48	14
	440	ISMAʿILIA	320	2	35	03	1	4	Ci	12.8	26	37	10
CAIRO AREA	366	Cairo (Airport)	320	8	18	03	0	5	Ci	13.2	24	38	9
	372	ALMAZA	290	10	18	02	2	5	Ci	12.9	25	28	5
		EZBEKIYA	20	3	18	01	1	3	Cs	13.0	25	35	9
		GIZA	20	3	18	01	1	3	Cs	13.0	25	34	8
	378	HELWĀN	340	11	35	03	1	4	Ci	12.8	24	32	6
UPPER EGYPT	381	FAIYŪM	360	6	35	02	1	3	Ci	13.1	26	25	4
	387	MINYA	350	11	12	03	0	1	AC	12.5	28	22	4
	393	ASYŪT MANQABĀD	310	12	30	02	0	0	—	12.1	29	15	0
	399	NAGʿ HAMMADI	270	1	7	00	0	0	—	10.7	34	22	9
	402	QENA	270	2	50	00	0	0	—	8.0	39	21	13
	405	LUXOR	270	11	30	02	0	0	—	8.1	38	8	-2
	414	ASWAN	00	0	50	00	0	0	—	7.4	39	14	7
OASES	417	SĪWA	260	2	14	00	0	0	—	16.2	28	25	6
	420	BAHARIYA	360	2	35	02	0	0	—	14.8	28	27	7
	423	FARAFRA	340	5	35	00	0	0	—	16.0	28	27	7
	432	DAKHLA	340	11	50	00	0	0	—	12.6	32	7	-9
	435	KHARGA	340	6	7	06	0	0	—	9.9	33	12	0
RED SEA	450	SUEZ	310	5	50	01	0	0	—	12.6	28	32	10
	459	TŌR	220	9	15	05	0	0	—	11.0	26	48	14
	462	HURGHADA	330	20	14	02	0	0	—	9.8	25	61	17
	465	QUSEIR	20	9	15	02	0	0	—	8.4	28	62	20
	641	PORT SUDĀN											
NORTH SUDAN	600	WĀDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ATBARA											
	721	KHARTUM											
	730	KASSALA	330	6	30	02	0	0	—	2.8	39	13	6
CENTRAL SUDAN	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES	310	5	35	02	1	3	Cu	2.5	38	21	12
	771	EL OBEID	40	9	30	02	2	7	AC	5.1	35	7	-6
	760	EL FASHER	50	5	30	03	1	5	AC, Ci		35	23	11
	770	GENEINA	70	10	30	02	1	3	AC, Ci		36	29	15
SOUTH SUDAN	840	MALAKĀL	130	12	30	95	9	8	Cb	5.8	30	46	17
	850	WAU	230	6	30	02	2	5	Cu, AC	5.0	35	35	17
	941	JUBA	40	2	50	01	2	6	Cb, AC	4.5	35	42	20

At 1800 on Sunday 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	70	5	15	03	0	0	—	14.0	16	68	10	0
SĪDI BARĀNI	20	2	14	02	0	0	—	14.0	15	77	11	0
MATRŪH	330	4	15	00	0	0	—	13.8	15	77	11	0
EL DABʿA	340	3	7	00	0	0	—	14.0	15	77	11	0
ALEXANDRIA	310	13	35	02	2	0	—	13.8	16	68	10	0
Alex (Airport)	290	3	12	02	1	2	Sc	14.0	16	72	11	0
DAMIETTA	290	5		02	0	0	—	13.8	16	77	12	0
PORT SAʿĪD	330	11	18	02	0	0	—	13.3	17	72	12	0
EL ʿARISH	360	2	14	03	0	1	Cu	12.5	17	72	12	0
DAMANHUR			15	02	1	1	Cu	13.4	19	68	13	0
MANSURA	360	5		00	1	0	—	13.6	17	68	11	0
TANTA	360	2	35	02	1	0	—	13.3	17	77	13	0
ZAGAZIG	00	0	35	02	1	0	—	13.8	17	77	13	0
ISMAʿILIA	360	5	35	02	0	0	—	13.3	18	73	13	0
Cairo (Airport)	360	8	12	02	0	0	—	13.5	20	60	12	0
ALMAZA	340	6	12	00	0	0	—	13.2	20	46	8	0
EZBEKIYA	340	2	10	00	1	0	—	13.7	22	41	8	0
GIZA	340	2	10	00	1	0	—	13.8	18	64	11	0
HELWĀN	290	8	15	02	0	0	—	13.4	21	33	4	0
FAIYŪM	360	2	35	01	0	0	—	13.6	21	41	7	0
MINYA	00	0	8	02	0	0	—	12.7	19	52	9	0
ASYŪT MANQABĀD	00	0	12	02	0	0	—	12.1	24	26	3	0
NAGʿ HAMMADI	320	1		00	0	0	—	11.1	25	28	5	0
QENA	270	1	7	00	0	0	—	10.6	26	30	7	0
LUXOR			12	02	0	0	—	8.9	27	17	0	0
ASWAN	360	8	15	00	0	0	—	8.3	31	18	4	0
SĪWA	00	0	10	00	0	0	—	13.6	23	26	2	0
BAHARIYA	360	2	15	02	0	0	—	14.4	23	32	5	0
FARAFRA	00	0	15	00	0	0	—	13.9	22	36	6	0
DAKHLA	340	11	35	00	0	0	—	11.9	26	7	-12	0
KHARGA	360	1	15	00	0	0	—	11.0	29	8	-8	0
SUEZ	360	6	15	02	0	0	—	12.3	20	56	11	0
TŌR	270	5	15	02	0	0	—	9.8	24	47	12	0
HURGHADA	310	24	12	02	0	0	—	9.2	26	37	10	0
QUSEIR	330	5	15	02	0	0	—	9.9	25	61	17	0
PORT SUDĀN												
WĀDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKĀL												
WAU												
JUBA												

At 0600 on Monday 20th April, 1953

Station	Wind 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	160	5	15	00	0	0	—	12.4	-1.4	17	20	-6	12	-1	68	11	0	37	
SĪDI BARĀNI	140	7	14	02	0	1	Cs	12.5		16	18		10		72	11	0	109	
MATRŪH	160	4	30	01	1	1	Ci	13.1	-1.5	17	19		8		68	11	0	52	
EL DABʿA	200	2	15	01	1	1	Cu	13.8		16	19		9		68	10	0	95	
ALEXANDRIA	00	0	50	01	1	5	Cu, Ci	14.0	-0.3	17	21	-3	14	-1	68	11	0	125	182
Alex (Airport)	00	0	18	01	1	5	Sc, AC	13.9	-1.7	16	20	-3	11	-3	82	13	0	122	138
DAMIETTA	200	2	15	02	0	0	—	13.9	-0.3	17	20	-3	11	-3	77	13	0	56	102
PORT SAʿĪD	240	4	18	02	1	4	Sc	13.8	-1.4	18	21	-1	15	-2	68	12	0	61	
EL ʿARISH	250	3	30	01	1	1	Cu	13.0	-0.8	19	21		13		56	10	0	46	
DAMANHŪR	230	9	7	02	1	3	Ci	14.6	+0.5	16	23	-4	13	0	68	10	0	43	97
MANSŪRA	90	3	15	00	0	0	—	14.2	-0.3	18	25	-3	11	-2	73	13	0	48	50
TANTA	00	0	35	01	1	3	Cu	13.9	-0.6	16	26	-3	10	-2	77	12	0	18	38
ZAGAZIG	00	0	35	02	0	0	—	13.8	-0.7	17	28	-1	10	-2	68	11	0	29	26
ISMAʿILIA	180	2	35	03	1	4	Cu	13.8		19	27		12		64	12	0	32	
Cairo (Airport)	00	0	12	00	0	0	—	14.5		17	26		12		64	10	0	7	
ALMĀZA	00	0	12	00	0	0	—	13.9	-1.6	16	26	-3	12	-2	64	9	0	8	
EZBEKĪYA	350	2	10	00	0	0	—	14.4	+0.1	17	26	-3	14	0	68	11	0	15	24
GĪZA	350	2	10	00	0	0	—	14.2	-0.2	16	26	-3	9	-2	72	11	0	43	24
HELWĀN	00	0	35	05	0	0	—	14.3	+0.4	16	25	-4	12	-3	68	10	0	3	27
FAIYŪM	00	0	35	02	0	1	Ci	14.3	+0.2	18	28	-3	12	-2	73	13	0	14	8
MINYA	00	0	8	02	0	0	—	14.5	-1.0	18	30	0	11	-1	60	10	0	1	
ASYŪT MANQABĀD	300	2	14	02	0	0	—	13.9	+0.5	19	30	-1	15	0	40	5	0	2	
NAGʿ HAMMĀDI	00	0		00	0	0	—	12.9	+0.2	21	34	+1	14	0	50	10	0	0.3	
QENA	270	2	35	00	0	0	—	12.4	+0.2	22	40	+4	15	-2	65	15	0	2	
LUXOR	320	6	30	02	0	0	—	12.8	+0.4	24	38		16		36	2	0	1	
ASWĀN	360	6	50	00	0	0	—	12.2	+0.1	25	40	+4	20	0	34	8	0	2	
SĪWA	90	7	14	01	0	0	—	13.4	-1.8	18	28	-2	15	+3	46	6	0	2	8
BAHARĪYA	70	1	35	02	0	0	—	14.2	-0.5	20	29	-2	12	-1	46	8	0	dr.	7
FARAFRA	00	0	35	00	0	0	—	14.3		20	30		10		24	-1	0	1	
DAKHLA	340	11	50	00	0	0	—	14.2	+0.6	19	33	-1	15	0	23	-3	0	0	
KHARGA	00	0	35	00	0	0	—	13.8	+0.9	22	33	-1	15	-1	29	3	0	dr.	
SUEZ	360	3	35	00	0	0	—	13.5	-0.4	17?	29	0	16	0	68	11	0	45	16
TŌR	310	9	35	02	0	0	—	11.5	-0.5	22	29	+1	20	+3	57	13	0	Rain	13
HURGHADA											27	+2							
QUSEIR	360	9	15	02	0	0	—	10.3	-1.6	23			20	0	44	10	0	12	4
PORT SUDĀN	140	2	50	02	1	5	Sc, Ci	10.2		29	33		17		70	23	0		
WĀDI HALFA	20	4	30	02	0	0	—	11.4		25	40		19		19	0	0		
ABU HAMAD	360	3	30	01	0	1	AC			27	37		21		14	-1	0		
KAREIMA	40	4	30	02	0	0	—	9.6		28	39		23		16	0	0		
ATBARA	70	2	18	02	2	6	Cs	8.5		29	39		21		17	1	0		
KHARTUM	360	7	30	02	2	7	AC, Cs	8.1		29	40		25		12	-3	0		
KASSALA																			
WAD MEDANI	90	2	15	02	2	7	St			30	41		22		27	9	0		
RENK																			
ROSEIRES	310	2	35	02	1	4	Cu	7.8		31	40		27		38	15	0		
EL OBEID	340	4	30	02	2	7	AC, Ci			28	36		22		10	-6	0		
EL FĀSHER																			
GENEINA																			
MALAKĀL	160	6	30	02	2	7	AC	9.4		28	37		25		45	15	dr.		
WĀU	180	5	30	02	0	1	AC	8.8		28	37		24		82	20	0		
JUBA	310	5	50	15	2	6	Cb, AC	11.9		23	36		21		78	19	5		

HUMIDITY
Mean of day

Station	19th	Diff. from normal
Alexandria	67	-1
Ezbekiya	50	-3
Giza	65	+10
Helwan	48	+8

GIZA
GRASS MINIMUM TEMP.
On 20th 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

Cairo Airport On 19th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	123	24		320	13
950					
900					
850	1513	13		300	16
800					
700	3113	6		300	30
600					
500	5784	-12		300	43
400	7454	-24		300	56
300	9490	-40		290	43
200	12150	-60			

Khartum Airport On 20th At 05h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		29		20	24
900	1008	29		20	23
850	1509	25		30	21
800	2039	21		360	17
700	3167	11		240	14
600	4429	2		230	10
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		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Farafra	
Time	14		14		14		14		14		15		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	320	8	320	9			340	17			290	7	350	11	330	16	320	12	310	5	350	16	340	16	350	11
600	300	14	340	17	290	10	340	16	300	14	280	10	340	11	340	17	310	16	320	4	350	26	330	22	340	12
1000	290	14	300	13	290	12	330	15	280	25	270	14	330	11	340	19	310	26	310	10	350	21	330	23	360	12
1500	270	27	290	23	290	22	320	16	270	21	270	19	320	18	340	24	300	11	310	18	340	23	330	18	350	13
2000	250	24			300	27	300	10	280	29			320	20					320	26					350	13
3000									270	29			320	19					310	43						
4000																			300	30						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	SĪDI BARĀNI		MATRŪH		Alex. Airport		PORT SAʿĪD		EL ʿARĪSH		HELWĀN		MINYA		ASYŪT MANQABĀD		LUXOR		ASWAN		HURGHADA		Almaza	
Time	8		8		8		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	150	12	100	8	140	2	240	9	320	5			320	2	360	8					350	15	200	4
600	180	17	140	3	300	3	260	4	210	7			330	7	360	8					330	12	280	7
1000	210	12	230	14	300	9	30	3	200	9			330	9	330	13					290	15	300	17
1500	260	18	270	13			260	16	290	16			310	22	330	23					320	7	300	25
2000	270	32	280	30					320	12			300	28	310	23							280	25
3000	270	45	310	6									300	35	300	22								
4000																								
5000																								
6000																								
7000																								
8000																								

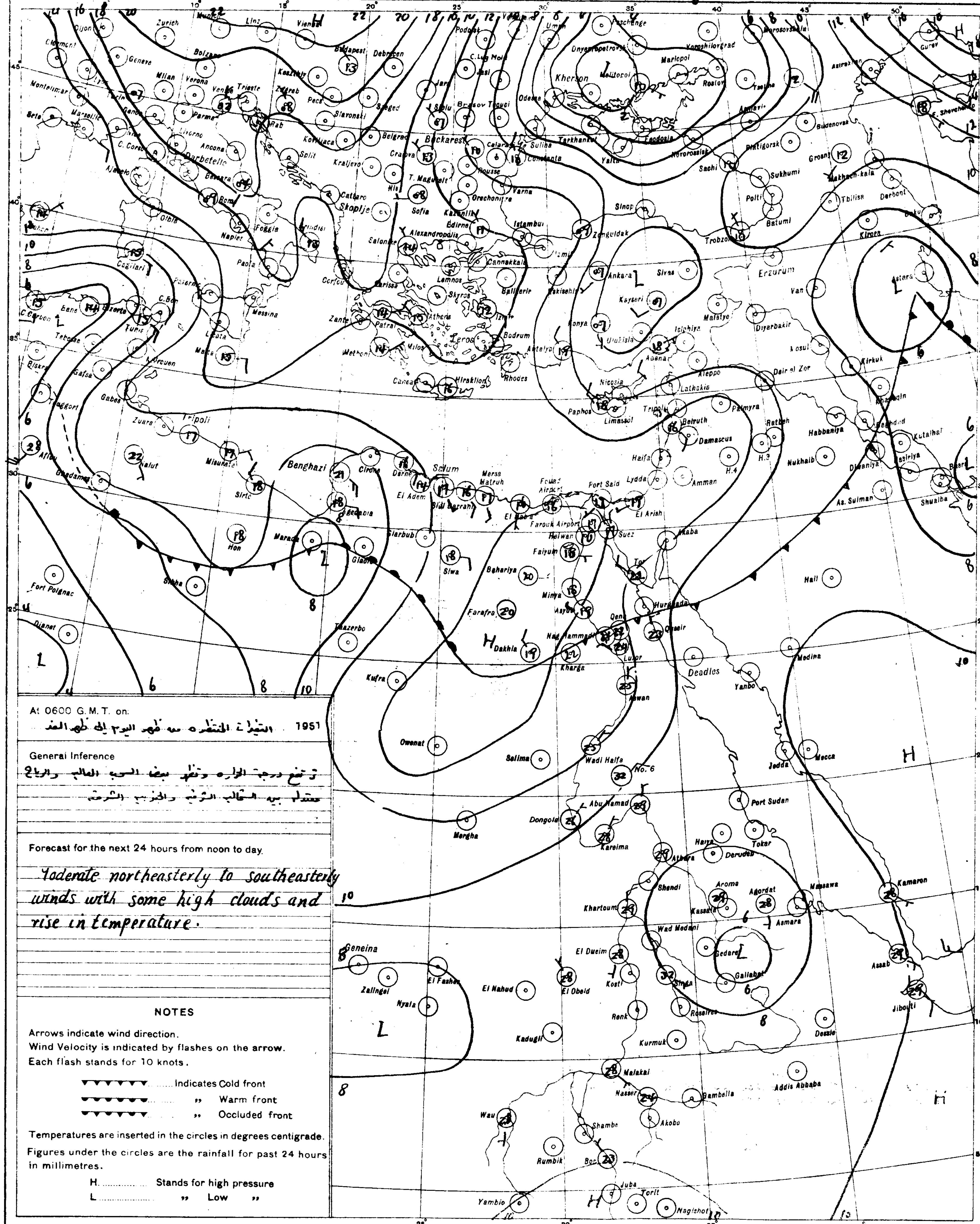
Station	SĪWA		BAHARĪYA		DAKHLA		KHARGA		WĀDI HALFA		ABŪ HAMAD		KAREIMA		KHARTŪM		KASSALA		EL OBEID		EL FĀSHER		MALAKĀL	
Time	8		8		8		8												4		3		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	120	19	200	3	150	6	20	7																
600	150	20	200	7	160	6	10	12															120	15
1000	180	21	220	5	150	7	340	14													10	14	140	26
1500	230	31					300	12											50	39	50	26	130	15
2000	270	34					330	11																
3000	300	33																	150	8	50	8	350	10
4000																							340	7
5000																								
6000																								
7000																								
8000																								

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

Printed by the Survey of Egypt [illegible] (50/53?)

Note All times are G.M.T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 20/4/1953



At 0600 G.M.T. on: التيارات المنتظرة من ظهر اليوم إلى ظهر الغد 1951

General Inference

ترتفع درجة الحرارة وتظهر بعض السحب العالية والرياح

معتدلة بين الشمالية الشرقية والجنوبية الشرقية

Forecast for the next 24 hours from noon to day.

Moderate northeasterly to southeasterly winds with some high clouds and rise in temperature.

NOTES

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

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

Temperatures are inserted in the 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 23 G. M. T.

" " Sunset 16 25 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 21st April, 1953

At 1200 on Monday 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	40	13	35	03	2	6	Ci	11.0	19	73	14
	303	SÎDI BARÂNI	40	14	15	02	0	4	Ci	10.7	19	73	14
	306	MATRÛH	40	11	18	01	1	3	Ac	11.0	21	53	11
	309	EL DAB'A	70	10	35	01	1	1	Cu	11.1	20	64	13
		ALEXANDRIA	40	5	50	01	2	3	Ci	11.4	19	64	12
	318	Alex (Airport)	340	4	18	02	0	2	Ac,Ci	11.8	22	61	14
	330	DAMIETTA	160	5	35	02	0	0	—	12.7	21	53	11
	333	PORT SA'ÎD	40	6	30	01	0	0	—	12.6	22	47	10
	336	EL 'ARISH	350	8	30	03	1	2	Ci	11.8	22	47	10
Lower Egypt	339	DAMANHUR	310	9	15	02	0	0	—	12.4	25	42	11
	342	MANṢURA	220	3	35	00	0	0	—	12.0	25	34	8
	348	TANTA	270	2	35	01	1	2	Ci	11.6	25	42	11
	354	ZAGAZIG	00	0	50	02	0	0	—	11.8	27	33	9
	440	ISMAILIA	180	2	35	01	0	0	—	12.0	26	25	4
Cairo Area	366	FAROUK (Airport)	290	10	18	01	0	1	Ci	12.0	26	25	4
	372	ALMÂZA	280	8	30	03	0	2	Ci	12.0	29	11	-5
		EZBEKÎYA	290	1	30	00	0	0	—	11.6	28	23	5
		GÎZA	290	1	30	00	0	0	—	11.9	28	23	5
	378	HELWÂN	00	0	35	02	0	0	—	12.3	28	16	0
Upper Egypt	381	FAIYÛM	00	0	35	02	0	1	Ci	12.2	29	29	9
	387	MINYA	300	2	10	02	0	0	—	11.8	31	18	4
	393	ASYÛT MANQABÂD	270	3	30	02	0	0	—	11.3	32	10	-4
	399	NAG' HAMMÂDI	270	1	7	00	0	0	—	10.4	34	41	19
	402	QENA	270	2	50	00	0	0	—	9.6	36	25	13
	405	LUXOR	320	9	30	02	0	0	—	10.3	35	12	2
	414	ASWÂN	340	6	50	00	0	0	—	9.5	35	15	5
Oases	417	SÎWA	180	5	14	02	0	2	Cs	9.4	37		
	420	BAHARIYA	270	1	35	02	0	0	—	11.0	34	27	12
	423	FARAFRA	00	0	35	00	0	0	—	11.8	34	10	-2
	432	DAKHLA	270	4	50	00	0	0	—	11.9	34	6	-8
	435	KHARGA	00	0	35	00	0	0	—	10.7	34	14	3
Red Sea	450	SUEZ	220	4	50	02	0	0	—	11.5	27	37	11
	459	TÔR	310	9	35	03	0	1	Ci	11.1	27	28	7
	462	HURGHÂDA	340	16	30	02	0	0	—	10.7	25	47	13
	465	QUSEIR	20	13	15	02	0	0	—	10.0	25	70	19
	641	PORT SUDÂN	60	7	50	01	1	2	Cu,Cs	8.4	31	57	22
North Sûdân	600	WÂDI HALFA	340	7	30	02	0	0	—	8.9	36	6	-8
	640	ABU HAMAD	360	1	30	02	0	0	—		39	7	-3
	660	KAREIMA	90	3	30	02	0	0	—	6.4	38	7	-3
	680	'ATBARA	360	6	30	02	2	2	Ci	4.2	39	7	-3
	721	KHARTÛM	360	9	30	03	2	4	Ac,Cs	5.0	39	7	-3
	730	KASSALA	40	6	30	03	2	7	Ac,Cs	4.2	36	11	1
Central Sûdân	751	WÂD MEDANI	50	5	35	02	2	8	Cc	3.9	39	7	-3
	801	RENK											
	802	ROSEIRES	230	2	35	02	1	4	Cu	6.1	34	20	8
	771	EL OBEID	100	14	30	01	1	4	Ac	4.6	37	5	-9
	760	EL FÂSHER	140	1	30	02	0	0	—		36	9	-2
	770	GENEINA	100	6	30	02	0	0	—		36	6	-8
S. Sûdân	840	MALAKÂL	160	7	30	02	2	7	Cu	6.5	35	25	12
	880	WÂU	230	5	30	02	1	4	Cu	4.6	36	29	15
	941	JUBA	70	8	50	01	2	2	Cb,Ac	6.5	33	41	18

At 1800 on Monday 20th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALÛM	70	13	15	03	1	8	Ci	11.1	17	77	13	0
SÎDI BARÂNI	80	16	12	02	0	1	Cs	11.3	17	83	14	0
MATRÛH	50	10	15	03	0	4		11.6	18	88	16	0
EL DAB'A	70	7	7	00	0	0	—	11.8	17	77	13	0
ALEXANDRIA	40	5	35	00	0	0	—	12.4	17	77	13	0
Alex (Airport)	40	6	14	01	0	0	—	12.0	17	83	14	0
DAMIETTA	20	2		02	0	0	—	12.7	18	60	10	0
PORT SA'ÎD	40	10	15	00	0	0	—	12.7	18	64	11	0
EL 'ARISH	60	4	14	01	1	0	—	11.8	17	64	10	0
DAMANHUR	310	9	15	02	0	0	—	11.9	18	60	10	0
MANṢURA	40	5		00	0	0	—	12.3	18	60	10	0
TANTA	360	2	35	02	0	0	—	12.0	20	64	13	0
ZAGAZIG	00	0	35	02	0	0	—	12.4	21	41	7	0
ISMAILIA	20	5	35	02	0	0	—	11.8	21	41	7	0
FAROUK (Airport)	90	8	12	02	0	0	—	11.6	23	36	7	0
ALMÂZA	40	4	12	00	0	0	—	11.5	25	21	1	0
EZBEKÎYA	00	0	10	00	0	0	—	11.5	24	32	6	0
GÎZA	00	0	10	00	0	0	—	11.2	22	44	9	0
HELWÂN	360	10	15	02	0	0	—	11.1	24	26	3	0
FAIYÛM	00	0	35	02	0	1	Ci	10.6	21	57	12	0
MINYA	00	0	8	02	1	0	—	10.5	24	34	7	0
ASYÛT MANQABÂD	00	0	12	02	0	0	—	11.5	29	17	1	0
NAG' HAMMÂDI	00	0		00	0	0	—	10.4	24	47	12	0
QENA	270	7	7	00	0	0	—	10.4	26	42	12	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	10.0	32	15	2	0
SÎWA	30	4	8	03	2	8	Cs	6.2	31			0
BAHARIYA	00	0	15	02	0	0	—	9.5	27	33	9	0
FARAFRA	160	5	15	03	0	0	—	8.7	30	11	-4	0
DAKHLA	50	4	35	00	0	0	—	9.4	31	9	-6	0
KHARGA	00	0	15	00	0	0	—	9.0	28	12	-4	0
SUEZ	40	2	15	03	0	2	Cu	11.1	23	44	10	0
TÔR	270	5	15	03	0	2	Ci	9.8	22	38	7?	0
HURGHÂDA	280	8	12	02	0	0	—	10.0	24	41	10?	0
QUSEIR	330	2	15	02	0	0	—	10.0	24	54	14	0

At 0600 on Tuesday 21st April, 1953

Wind 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
70	9	15	03	2	8	Ci	11.4	-2.4	17	21	-5	11	-2	68	11	0	37		SALUM
80	15	15	02	2	5	Cs	11.5		18	20		15		68	12	0	109		SÎDI BARÂNI
40	10	14	03	2	7	As	11.8	-2.8	18	24		14		64	11	0	52		MATRÛH
90	18	15	02	1	4	Cu	11.9		18	22		15		83	15	0	95		EL DAB'A
130	11	50	03	0	6	Cu,Cs	11.6	-2.7	18	25	+1	15	0	73	13	0	125	183	ALEXANDRIA
70	3	18	03	1	6	Ci	11.7	-3.9	19	22	-2	15	+1	64	12	0	122	138	Alex (Airport)
160	5	15	03	1	3	Ci	11.9	-2.2	19	23	0	16	+1	73	14	0	56	103	DAMIETTA
90	13	12	02	0	1	Ci	11.2	-4.0	20	23	0	17	0	69	14	0	61		PORT SA'ÎD
90	3	30	03	0	1	Ci	10.9	-2.9	19	23		11		43	6	0	46		EL 'ARISH
40	13	7	02	1	1	Ci	11.8	-2.3	17	27	0	13	0	68	11	0	43	97	DAMANHÛR
70	9	15	00	0	0	—	11.6	-2.8	20	28	0	14	+1	64	13	0	48	51	MANṢÛRA
90	2	35	01	1	3	Ci	11.5	-3.0	19	28	-1	11	-1	64	12	0	18	36	TANTA
00	0	35	02	0	0	—	11.6	-2.8	19	28	-1	13	+1	52	9	0	29	28	ZAGAZIG
10	2	35	01	0	0	—	11.2		20	27		13		41	6	0	32		ISMAÎLÎA
90	10	18	03	2	7	Cs	10.4		21	28		15		33	4	0	7		FAROUK (Airport)
40	8	18	02	2	5	Ci	10.2	-5.2	21	30	+1	15	+1	28	2	0	8		ALMÂZA
40	2	10	00	0	0	—	9.6	-4.7	21	30	+1	16	+2	50	10	0	15	24	EZBEKÎYA
40	2	10	00	0	0	—	9.9	-4.4	21	29	0	11	0	44	8	0	43	24	GÎZA
60	0	7	05	2	6	Cs	9.8	-4.0	19	29	0	15	0	52	9	0	3	27	HELWÂN
00	0	35	02	1	4	Ci	9.4	-4.6	23	31	0	14	0	38	8	0	14	8	FAIYÛM
00	0	12	02	0	0	—	9.5	-6.0	24	32	+1	13	0	38	9	0	1		MINYA
140	8	12	02	0	0	—	9.4	-3.9	28	33	+2	18	+3	11	-5	0	2		ASYÛT MANQABÂD
00	0		00	0	0	—	10.8	-1.8	24	35	+2	16	+2	47	12	0	0.3		NAG' HAMMÂDI
270	1	35	00	0	0	—	11.6	-0.5	28	37	+1	16	-1	27	7	0	2		QENA
200	1	30	02	0	0	—	11.3	-1.0	25			17		24	3	0	1		LUXOR
200	2	50	00	0	0	—	11.6	-0.4	28	36	0	20	0	15	-1	0	2		ASWÂN
90	7	13	01	2	5	Ac,Cs	7.9	-7.3	23	40	+10	20	+7	32	5	0	2	8	SÎWA
130	2	35	02	2	4	Ci	6.8	-7.8	25	35	+4	18	+5	34	8	0	dr.	7	BAHARÎYA
220	18	35	02	2	7	Cs	7.0		24	37		20		13	-7	0	1		FARAFRA
20	19	50	00	0	0	—	9.9	-3.6	25	37	+3	16	+1	11	-8	0	0		DAKHLA
00	0	35	03	2	3	Ci	10.0	-2.9	22	35	+1	16	-1	29	3	0	dr.		KHARGA
00	0	35	00	0	0	—	10.2	-3.7	21	28	-1			50	10	0	45	16	SUEZ
40	5	35	02	0	0	—	11.2	-0.7	24	28	0	17	0	61	16	0	Rain	13	TÔR
00	0	33	02	0	0	—	11.4	-1.5	26	26	0	17	+7	48	14	0	7		HURGHADA
40	2	15	02	0	0	—	11.8	-0.1	25	26	-2	20	0	65	18	0	12	4	QUSEIR
																			PORT SÛDÂN
00	0	50	02	0	0	—	11.6		25			19		18	-1	0			WÂDI HALFA
																			ABU HAMAD
50	4	30	02	0	0	—	11.1		27	40		21		28	7	0			KAREIMA
																			'ATBARA
																			KHARTÛM
250	3	30	02	0	1		9.3			37						0			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
00	0	30	03	0	0	—	9.7		29	38		20		20	4	0			EL OBEID
360	1	30	02	0	0	—			25	38		18		28	5	0			EL FÂSHER
																			GENEINA
180	7	30	03	2	7	AC	9.0		28	37		24		55	18	0			MALAKÂL
200	4	30	02	2	8	Ac,Ci	10.0		25	38		25		74	20	dr			WÂU
180	3	30	02	2	8	Ac,Ci	10.7		24	34		23		89	22	dr.			JUBA

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	73	+5
Ezbekiya	46	-7
Gîza	56	+1
Helwan	41	+1

GÎZA GRASS MINIMUM TEMP. on 21st. 9.5 °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

[illegible] AIRPORT — On 20th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	26		330	8
950					
900					
850	1500	15		270	10
800					
700	3113	6		290	47
600					
500	5728	-10		290	49
400	7481	-23		290	69
300	9519	-40			
200	12150	-60			

Khartûm AIRPORT — On 21st At 05h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		27		70	24
900	1018	28		50	23
850	1518	24		30	24
800	2048	20		10	17
700	3179	10		350	5
600	4438	0		220	10
500	5876	-9			11
400	7577	-18		250	36
300	9662	-32		250	30
200	12442	-46		290	48

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 20th

Station	Matruh		Alex. A.P.		Port Said		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		Almaza		S. Barani		Asyut	
Time	14		14		14		14		14		14		14		14		14		14		15		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	70	10	270	5	40	7	20	3	320	5	350	12	250	15	40	3	340	10	340	21			70	21	120	8
600	210	9	270	8	350	5		2	320	8	340	9	250	16	340	7	340	11			310	6	120	3	170	11
1000	350	19	260	11	280	3	200	5	320	9	340	13	240	23	340	7	330	11			280	5	160	4	200	11
1500			280	12	260	3	200	10	300	19	330	10	240	23	40	17	330	7			250	11	220	23	250	23
2000			300	20							340	10	260	26							280	27	260	21	280	32
3000													270	24									290	33	280	29
4000													260	30												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st.

Station	SÎDI BARÂNI		MATRÛH		Alex AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time	8		8				3		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	100	12	80	13			90	3	80	8	330	5	120	8	180	5					140	8		
600	120	4	70	16			200	3	180	11	160	5	160	22	210	16					110	7		
1000	300	3	60	11			290	4	210	10			200	26	220	25					90	6		
1500	330	16	340	15			240	6					230	38	240	33					130	8		
2000	310	26	310	16											250	32								
3000	250	29	260	27																				
4000			260	42																				
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						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	80	12	360	8	200	5	190	10	30	7														
600	80	16	360	9	230	17	210	23	360	21	70	16	20	35	70	16							160	15
1000	50	16	300	7	240	22	220	27	360	7	40	18	30	15	50	19							120	14
1500	360	5	180	13							50	20			30	21					60	20		
2000	220	14											40	7	20	16								
3000	280	39									330	5			350	7					150	7		
4000	290	38													240	3								
5000	300	42									10	20			300	2								
6000																					290	6		
7000																								
8000																								

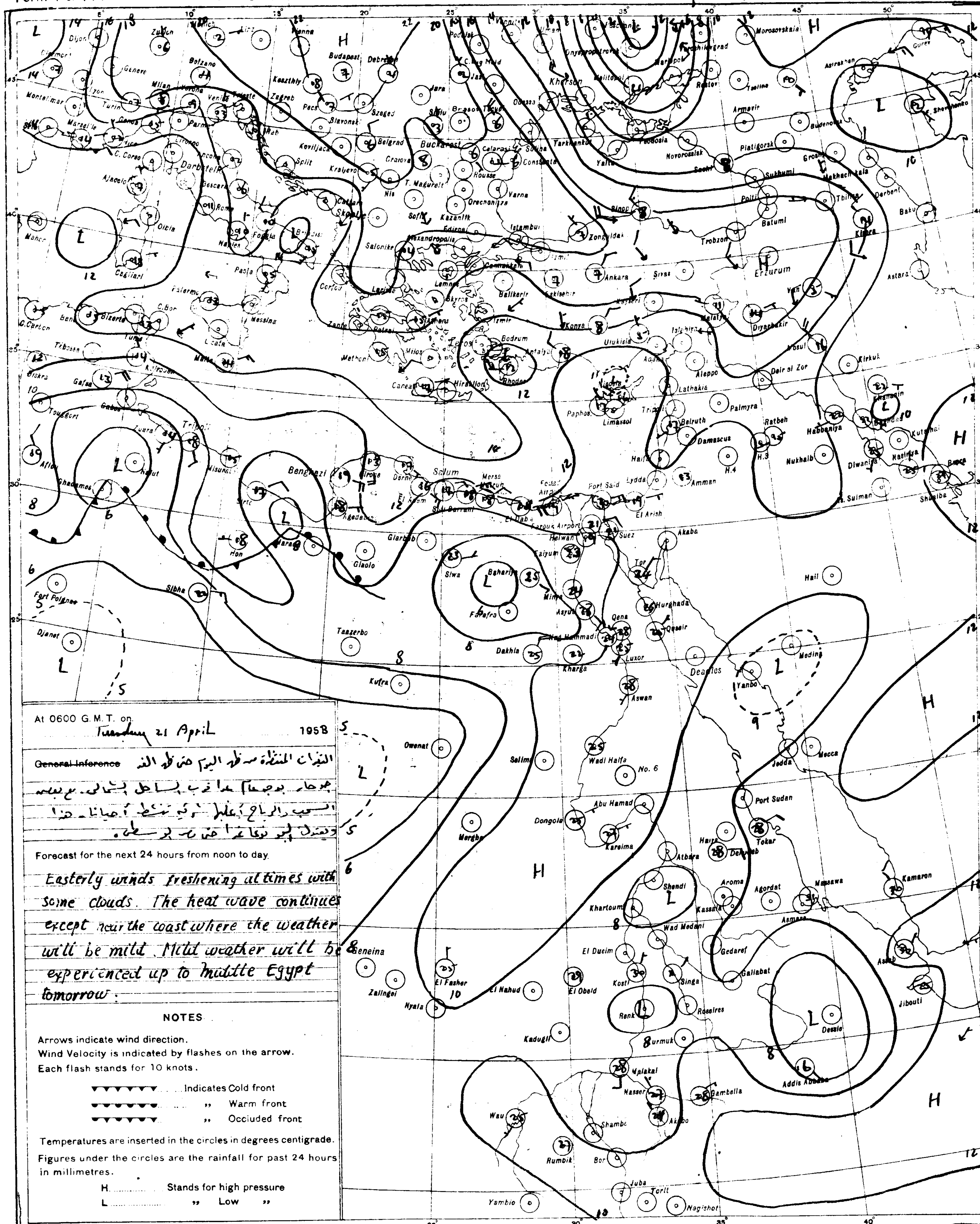
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Tuesday 21. 4/1958*



At 0600 G.M.T. on *Tuesday 21 April* 1958

~~General Inference~~ النبؤات المنتظرة من ظهر اليوم حتى ظهر الغد

جو حار بوجه عام عدا قرب الساحل الشمالي مع بعض

السحب والرياح أغلبها شرقية تنشط أحياناً. هذا

ويعتدل الجو نوعاً ما حتى مصر الوسطى.

Forecast for the next 24 hours from noon to day.

Easterly winds freshening at times with some clouds. The heat wave continues except near the coast where the weather will be mild. Mild weather will be experienced up to Middle Egypt tomorrow.

NOTES

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

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

Temperatures are inserted in the 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
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 coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 21 G.M.T.
" " Sunset 16 26 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 22nd April, 1952 3

At 1200 on Tuesday 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	SALŪM	40	19	35	03	2	7	AC	10.8	19	73	14
	303	SĪDI BARĀNI	40	17	15	02	0	4	Sc, Ci	10.7	19	73	14
	306	MATRŪH	40	15	14	01	1	4	AC, Cs	10.2	20	60	12
	309	EL DABʿA	20	10	35	01	1	2	Cu	9.9	20	64	13
		ALEXANDRIA	40	14	50	02	2	6	Ci	9.9	25	41	11
	318	FOUAD (Airport) Alex	00	0	18	03	2	7	AC, Ci	9.1	27	35	10
	330	DAMIETTA	140	5	15	03	1	6	AC	10.3	22	57	13
	333	PORT SAʿĪD	120	16	14	02	0	7	CS	9.5	22	53	12
	336	EL ʿARISH	30	10	18	03	2	7	Cs	9.9	20	60	12
Lower Egypt	339	DAMANHUR	130	9	15	02	1	7	AC	8.6	27	37	11
	342	MANSURA	140	9	35	03	2	4	AS	8.7 ?	25	47	13
	348	TANTA	180	5	35	03	2	8	SC	8.6	27	37	11
	354	ZAGAZIG	00	0	50	02	1	4	Cu	8.6	30	31	11
	440	ISMAʿILIA	20	5	35	03	2	8	AC, Ci	9.9	28	27	7
Cairo Area	356	FAROUK (Airport) Cairo	90	15	18	02	1	3	Ci	9.0	30	17	2
	372	ALMAZA	30	16	18	02	1	3	CC	8.1	30	14	0
		EZBEKIYA			18	03	0	2	Ac	7.8	31	19	5
		GIZA			18	03	0	2	AC	8.2	31	18	4
	378	HELWÂN	20	20	15	01	1	1	CC	8.5	32	15	2
Upper Egypt	381	FAIYŪM	00	0	35	02	1	4	Ci	8.6	34	18	6
	387	MINYA	310	10	12	03	1	3	AC, Ci	7.1	39	11	3
	393	ASYŪT MANQABAD	250	21	2.4	30	3	7	AC	6.4	43	14	-8
	399	NAGʿ HAMMADI	220	2	7	00	0	0	—	8.2	41	10	4?
	402	QENA	270	2	50	00	0	0	—	7.4	40	23	15
	405	LUXOR	210	13	30	02	0	0	—	7.7	40	19	12?
	414	ASWÂN	220	3	50	00	0	0	—	8.4	39	14	7
Oases	417	SĪWA	80	9	14	01	2	4	Cs	8.3	33	17	5
	420	BAHARĪYA											
	423	FARAFRA											
	432	DAKHLA	220	26	3	32	3	0	—	8.3	42	4	-9
	435	KHARGA	230	7	7	02	2	2	AS	8.0	42	4	-3
Red Sea	450	SUEZ	220	2	50	02	0	0	—	8.6	32	20	6
	458	TÔR	140	9	35	03	1	3	Ci	8.2	29	40	14
	462	HURGHÂDA	100	15	18	02	0	0	—	8.6	26	70	20
	465	QUSEIR	120	5	15	02	0	0	—	9.5	27	62	19
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA	200	5	30	02	0	0	—	7.8	40	8	0
	640	ABU HAMAD	90	3	30	02	0	0	—		39	8	-1
	660	KAREIMA	70	7	30	02	2	0	—	6.7	34	7	-3
	680	ʿATBARA	30	6	30	02	0	0	—	5.8	40	9	1
	721	KHARTŪM	30	7	30	02	1	0	—	5.4	40	11	4
	730	KASSALA	360	4	30	02	0	0	—	4.1	40	11	4
Central Sudan	751	WÂD MEDANI	130	19	35	02	0	0	—	4.0	40	8	0
	801	RENK	230	9	35	02	0	4	Cc		39	30	18
	802	ROSEIRES	230	2	35	02	0	2	Cu	2.5	39	10	2
	771	EL OBEID	50	7	30	02	0	1	Ci	4.6	38	6	-5
	760	EL FÂSHER	40	1	30	02	0	0	—		38	6	-6
	770	GENEINA	200	1	30	02	0	1	Ci		37	8	-3
S. Sudan	840	MALAKÂL	20	3	30	03	2	7	Cu, AC	4.8	37	20	11
	880	WÂU	180	5	30	02	2	7	AC, Ci	6.4			18
	941	JUBA	90	2	50	02	2	7	Cu, AC	5.3	35	44	21

At 1800 on Tuesday 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	40	19	15	03	2	8	Sc, As	12.3	17	77	13	0
SĪDI BARĀNI	50	9	11	01	0	0	—	12.0	17	83	14	0
MATRŪH	40	5	14	01	1	0	—	12.4	16	77	12	0
EL DABʿA	20	4	7	01	1	2	Cu	11.2	17	77	13	0
ALEXANDRIA	40	11	35	01	2	2	Ci	11.3	17	77	13	0
FOUAD (Airport)	40	6	14	01	2	3	AC	10.9	17	77	13	0
DAMIETTA	40	5		02	2	6	SC	11.6	18	83	15	0
PORT SAʿĪD	40	15	18	01	0	4	Ci	11.1	18	78	14	0
EL ʿARISH	60	7	18	02	2	8	Sc, Ac	9.4	19	73	14	0
DAMANHUR			15	02	0	0	—	10.3	19	56	10	0
MANSURA	360	5		03	2	8	As	10.6	19	64	12	0
TANTA	00	0	35	03	2	8	SC	10.6	20	73	15	0
ZAGAZIG	00	0	35	02	1	0	—	10.8	19	73	14	0
ISMAʿILIA	20	9	35	03	2	8	AS	10.2	20	56	11	0
FAROUK (Airport)	90	14	12	02	2	5	AC	9.5	22	53	12	0
ALMAZA	40	19	12	03	2	8	CS	9.4	23	50	12	0
EZBEKIYA	30	6	10	03	0	3	Cc	8.9	23	44	10	0
GIZA	30	6	10	03	0	3	CC	8.3	23	44	10	0
HELWÂN	20	13	7	01	2	6	AC, CS	8.4	26	25	4	0
FAIYŪM	00	0	35	02	1	4	Ci	8.2	26	30	7	0
MINYA	360	10	8	03	2	6	Ci	6.4	27	33	9	0
ASYŪT MANQABAD	290	2	8	02	2	7	AC	5.9	36	12	0	0
NAGʿ HAMMADI	00	0		00	0	0	—	7.4	29	29	9	0
QENA	00	0	7	00	0	0	—	7.5	33	30	13 ?	0
LUXOR	180	8	12	02	1	4	Ci	8.0	32	22	8 ?	0
ASWÂN	00	0	50	00	0	0	—	7.9	36	13	4	0
SĪWA	80	4	10	01	2	6	CS	8.8	28	22	4 ?	0
BAHARĪYA	40	4	15	02	2	6	AC	7.8	28	40	13	0
FARAFRA	00	0	15	03	2	8	Ac	6.8	33	12	0	0
DAKHLA	320	11	35	00	0	0	—	6.6	35	8	-4	0
KHARGA	320	4	7	01	1	1	As	6.0	37	8	-3	0
SUEZ	310	6	15	03	0	6	cb	7.8	28	27	7	0
TÔR	140	19	7	09	2	8	CS	8.2	28	22	4	0
HURGHÂDA	140	19	12	02	1	4	CS	7.2	25	54	15	0
QUSEIR	120	5	15	02	0	0	—	9.5	25	70	19	0

At 0600 on Wednesday 22nd April, 1953

Wind 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
140	9	15	12	4	0	—	13.3	-0.4	16	20	-6	15	+1	77	12	0	37		SALUM
60	12	15	02	0	0	—	13.6		18	21				73	13	0	109		SĪDI BARĀNI
40	5	14	01	1	3	Sc	13.7	-0.8	18	22		11		73	13	0	52		MATRŪH
20	8	15	01	1	2	Cu	14.0		18	23		13		73	13	0	95		EL DABʿA
40	5	50	03	0	5	Cu, Cs	14.3	0.0	18	26	+2	16	0	73	13	0	125	18	ALEXANDRIA
00	0	18	02	1	5	Sc, Ac	14.8	-0.7	18	27	+3	13	-1	73	13	0	122	138	FOUAD (Airport)
20	5	7	01	1	4	Cu, Ac	13.8	-0.3	18	22	-1	15	0	73	13	0	56	103	DAMIETTA
40	11	18	03	1	5	Sc, Ac	13.8	-1.3	19	23	0	17	0	73	14	0	61		PORT SAʿĪD
60	4	30	03	1	5	Cb	12.1	-1.7	20	24		14		69	14	0	46		EL ʿARISH
40	5	7	02	1	1	Cu	14.4	+0.3	18	29	+1	13	0	83	15	0	43	97	DAMANHŪR
40	3	15	00	1	0	—	13.8	-0.6	18	27	-1	13	0	73	13	0	48	51	MANSŪRA
220	2	35	02	0	0	—	13.4	-1.0	17	28	-1	11	-1	77	13	0	18	36	TANTA
00	0	35	02	0	0	—	13.6	-1.4	20	30	+1	13	+1	64	13	0	29	26	ZAGAZIG
40	5	35	03	1	3	Ci	13.3		20	29		14		64	13	0	32		ISMAʿILIA
90	11	13	01	2	3	Ci	12.4		19	31		15		64	12	0	7		FAROUK (Airport)
40	9	15	02	1	2	CS	12.7	-2.6	18	32	+3	14	-1	78	14	0	8		ALMÂZA
340	3	10	02	0	2	Ci	12.0	-2.2	20	32	+3	15	+1	56	11	0	15	24	EZBEKIYA
340	3	10	02	0	2	Ci	12.3	-2.0	19	32	+3	15	+4	73	14	0	43	24	GĪZA
360	8	15	03	1	2	Ci	12.4	-1.4	22	33	+3	19	+4	44	9	0	3	27	HELWÂN
360	6	35	02	1	3	Ci	12.7	-1.3	20	36	+5	16	+2	64	13	0	14	8	FAIYŪM
350	10	10	02	1	2	Ci	11.0	-4.4	21	40	+9	15	+2	57	12	0	1		MINYA
280	11	10	02	2	5	Ci	10.7	-2.6	21	44	+12	18	+3	53	11	0	2		ASYŪT MANQABAD
60	0		00	0	0	—			29	41	+8	21	+7	35	12	0	0.3		NAGʿ HAMMADI
270	1	35	00	0	0	—	9.4	-2.6	30	41	+5	19	+2	35	13	0	2		QENA
140	9	30	03	1	5	CS	9.3	-2.9	33 ?	42		22		21	8 ?	0	1		LUXOR
180	3	50	00	0	0	—	10.3	-1.7	30	40	+4	24	+4	35	13 ?	0	2		ASWÂN
90	8	14	03	1	4	AC, Cc	13.4	-1.7	20	33	+3	16	+3	41	6	0	2	8	SĪWA
20	2		02	0	0	—	12.2	-2.4	21	37	+6	17	+4	57	12 ?	0	dr.	7	BAHARĪYA
20	5	35	00	0	0	—	12.3		25	43		18		34	8	0	1		FARAFRA
340	11	35	00	0	0	—	9.6	-3.2	26	43	+8	19	+3	13	-5	0	0		DAKHLA
00	0	35	00	0	0	—	8.7	-4.1	27	43	+9	20	+3	27	6	0	dr.		KHARGA
310	3	35	00	0	3	Cu	11.9	-1.9	20	33	+4			64	13	0	45	16	SUEZ
310	2	15	05	1	4	Cs	11.2	-0.7	23	32	+4	20	+3	65	16	0	Rain	13	TÔR
330	12	18	02	0	0	—	10.1	-2.7	23	28	+2	20	+3	78	19	0	7		HURGHADA
20	5	15	03	1	6	AC	9.4	-2.4	24	28	0	20	-1	68	18	0	12	4	QUSEIR
310	3	30	01	1	0	—	12.2		31	32		19		31	12	0			PORT SUDÂN
120	4	30	02	0	0	—	10.8		29	42		21		12	-3	0			WÂDI HALFA
00	0	30	02	0	0	—			30	40		20		17	2	0			ABU HAMAD
50	3	30	02	0	0	—	11.2		28	40		22		20	3	0			KAREIMA
20	3	30	02	0	0	—	11.8		29	40		22		13	-3	0			ʿATBARA
50	3	30	02	0	0	—	10.2		30	40		22		19	4	0			KHARTŪM
30	1	30	02	0	0	—	5.7		32	40		21		26	10	0			KASSALA
50	9	35	02	0	0	—	9.1		31	41		21		11	-3	0			WÂD MEDANI
																			RENK
																			ROSEIRES
																			EL OBEID
																			EL FÂSHER
																			GENEINA
220	4	10	04	1	5	AC, CS	8.7		31	39		24		41	16	0			MALAKÂL
																			WÂU
180	7	30	02	1	6	AC, Ci	9.4		28	36		25		66	21	dr.			JUBA

HUMIDITY % Mean of day

Station	on 21st	Diff. from normal
Alexandria	68	0
Ezbekiya	42	-11
Giza	40	-15
Helwan	36	-4

GĪZA GRASS MINIMUM TEMP. on 22nd 13.9 °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 (Cairo) Airport — On 21st At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	31		70	19
950					
900					
850	1490	20		300	4
800					
700	3123	8		280	28
600					
500	5784	-13		270	61
400	7446	-26		270	64
300	9468	-42		270	74

Khartum Airport — On 22nd At 05h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		31		70	20
900		28		40	15
850	1524	24		30	17
800	2052	20		30	18
700	3176	9		20	14
600	4429	1		70	4
500	5867	-8		220	2
400					
300					

Airport — On At (blank)

UPPER WIND OBSERVATIONS on 21st

Station	Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada	
Time	14		14		14		14		15		14		15		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	60	11	30	15	40	25	130	7	70	10	260	5	350	16	240	10			60	13	300	21	220	21	140	21
600	60	10	30	15	50	24	280	10	20	11	280	6	10	14	240	12	320	2	60	14	270	25	230	25	150	30
1000	280	4			60	21	280	14	40	16	290	7	360	22	250	17	240	7	60	20	290	30	240	26	160	10
1500	310	18			80	17	280	21	40	13	350	16			260	8			60	11					250	16
2000	310	26			100	23	280	34	10	4	330	4			260	14			40	7					250	35
3000	280	27					270	9							270	4			310	28						
4000	270	30																	290	37						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni		Matrûh		Alex (Fouad) Airport		Port Saʿīd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8		8		8				7 15		8		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.	Dir.	Vel.
300	100	12	60	10	50	9	40	11			30	12	20	13	310	5	220	8			350	30	40	15
600	90	14	60	8	40	5	50	14			30	12	30	15	30	17	230	14			350	22	40	14
1000	60	9	10	10	350	7	60	7			360	17	20	16	360	12	250	24			10	15	350	10
1500	310	19	300	13	330	15	320	17			310	19	340	6	280	12	250	29			360	17	320	16
2000	290	23	290	23	310	23	280	24			300	27	290	10	290	17	220	40					300	22
3000	290	28	280	23									280	20	280	30							280	21
4000	280	41																						
5000																								
6000																								
7000																								
8000																								

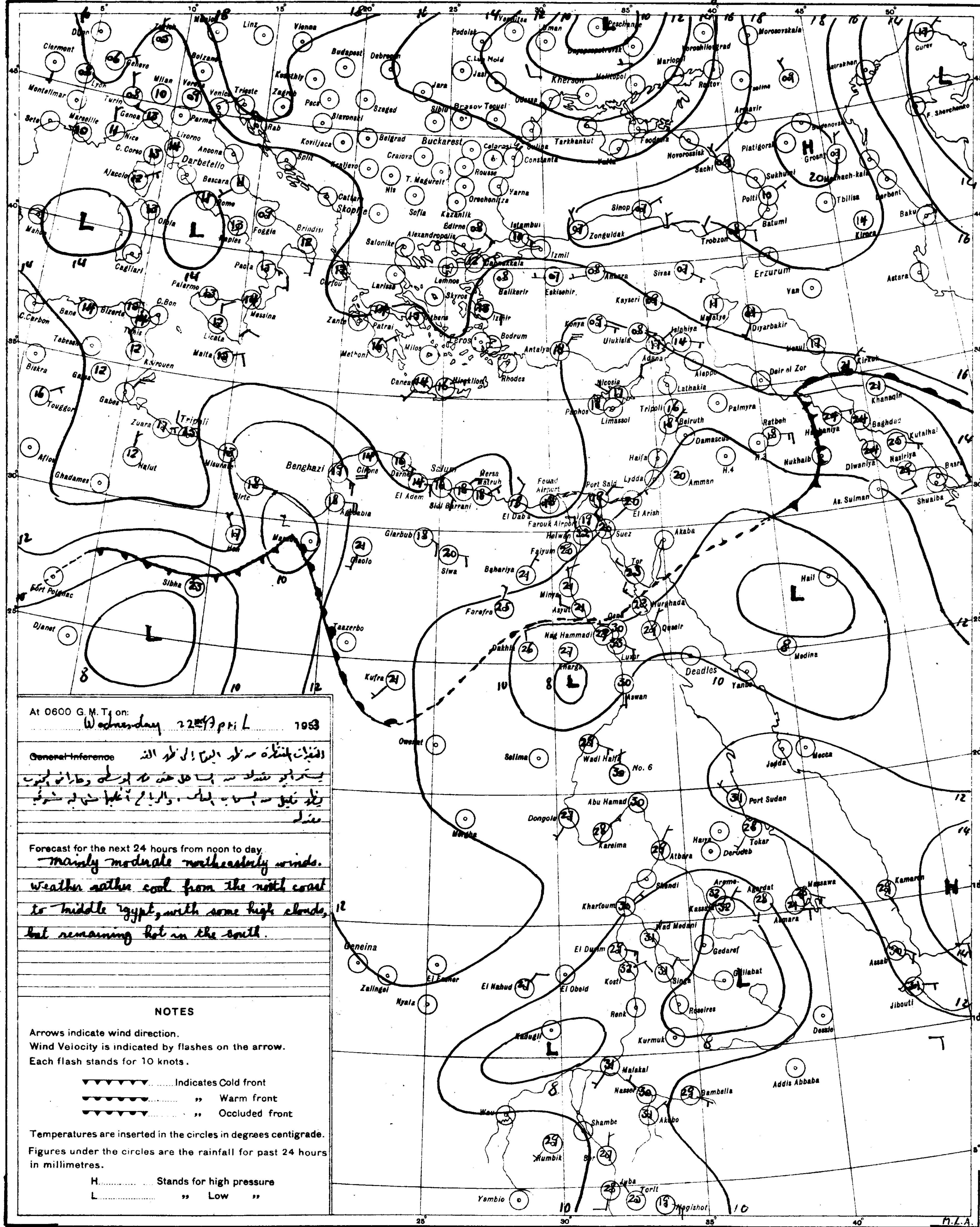
Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8								3				5		4		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	17	50	5	360	6	30	8																
600	110	19	40	7	340	10	60	6							70	20							270	8
1000	90	10	40	6	330	9	270	4							60	14			40	23	30	16	230	8
1500	100	6			320	10									40	16			40	24	60	22	270	10
2000	240	13			310	13																	320	10
3000	250	9													30	20			110	11	80	4	10	9
4000	320	13																	180	10	310	1		
5000	290	26													30	10			240	13			80	6
6000															80	7			250	26			360	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 149 55 (50/53/)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 22/4/1953



At 0600 G.M.T. on: Wednesday 22nd April 1953

~~General Inference~~ [illegible]

[illegible]

[illegible]

[illegible]

Forecast for the next 24 hours from noon to day.

mainly moderate northeasterly winds. Weather rather cool from the north coast to middle Egypt, with some high clouds, but remaining hot in the south.

NOTES

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

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

Temperatures are inserted in the 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 20 G. M. T.

" " Sunset 16 27 G. M. T.

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

Form 7 F.

DAILY WEATHER REPORT

Date : Thursday 23rd April, 1952 3

At 1200 on Wednesday 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	SALUM	340	9	35	03	2	6	Ci	13.9	20	73	15	
	303	SIDI BARANI	50	11	18	02	2	5	Ci	14.1	19	73	14	0
	306	MATRUH	30	7	18	03	1	4	CS	13.8	20	60	12	0
	305	EL DABA	70	4	35	01	1	1	Cu	14.0	20	56	11	
		ALEXANDRIA	60	6	50	01	1	1	Ci	14.3	19	73	14	
	318	FARUK (Airport)	40	6	18	03	0	1	Ci	13.8	23	57	14	0
	330	DAMIETTA	40	5	35	00	0	0	—	14.3	21	65	14	0
	333	PORT SAID	50	9	30	01	0	1	Ci	14.1	21	65	14	0
	336	EL 'ARISH	360	4	30	03	2	6	AC Ci	13.1	20	67	14	0
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	14.0	26	37	10	
	342	MANSURA	40	5	35	00	0	0	—	14.6	26	42	12	
	348	TANTA	90	2	35	C2	0	0	—	14.0	27	33	9	
	354	ZAGAZIG	00	0	50	02	0	0	—	14.0	29	35	12	
	440	ISMAILIA	360	2	35	01	1	3	Cu	13.0	27	27	6	
Cairo Area	366	FARUK (Airport)	90	2	18	00	0	0	—	12.2	29	19	3	
	372	ALMAZA	40	10	30	00	1	0	—	12.4	28	29	8	
		EZBEKIYA	40	3	18	03	0	3	Ci	11.8	29	22	5	
		GIZA	40	3	18	03	0	3	Ci	11.9	30	24	7	
	378	HELWAN	360	3	35	01	1	0	—	11.7	30	21	5	
Upper Egypt	381	FAIYUM	360	4	35	02	0	0	—	11.9	31	22	7	
	387	MINYA	350	14	12	03	1	4	Ci	10.9	34	22	9	
	393	ASYUT MANQABAD	300	7	18	03	0	4	CC	10.1	37	8	-3	
	399	NAG' HAMMADI	320	1	7	00	0	0	—	7.8	39	17	10	
	412	QENA	270	2	50	00	0	0	—	7.4	41	23	16	
	405	LUXOR												
	414	ASWAN	270	3	50	00	0	0	—	7.8	41	14	8	
Oases	417	SIWA	100	7	14	01	2	4	AC CS	13.0	31	21	6	
	420	BAHARIYA	20	1	35	02	0	0	—	11.9	33	34	15	
	423	FARAFRA												
	432	DAKHLA	00	0	35	01	1	3	Ci	8.8	41	10	4	
	435	KHARGA	00	0	7	00	0	0	—	8.7	40	15	9	
Red Sea	450	SUEZ	360	5	50	01	0	2	Cu	11.6	29	19	3	
	459	TOR	220	5	35	03	1	3	Ci	9.5	26			
	462	HURGHADA	10	14	14	02	2	7	CS	8.8	25	70	19	
	465	QUSEIR	20	5	14	02	0	6	AC				20	
	641	PORT SUDAN	50	7	30	02	0	0	—	10.2	43	5	-6	
North Sudan	600	WADI HALFA	310	6	30	02	0	0	—	7.3	42	6	-4	
	640	ABU HAMAD	90	1	30	02	0	0	—		41	6	-3	
	660	KAREIMA	40	8	30	02	0	0	—	6.7	41	5	-5	
	680	'ATBARA	20	9	30	02	0	0	—	5.3	39	5	-7	
	721	KHARTUM	20	14	30	02	0	0	—	5.2	39	9	1	
	730	KASSALA	300	5	30	02	0	0	—				3	
Central Sudan	751	WAD MEDANI												
	801	RENK	50	9	35	02	0	2	AC		40	24	16	
	802	ROSEIRES												
	771	EL OBEID												
	760	EL FASHER	50	4	30	02	0	1	Ci		38	6	-7	
	770	GENEINA	120	7	30	02	0	0	—		37			
S. Sudan	840	MALAKAL	340	2	30	03	1	3	Cu, AC	3.5	40	20	13	
	880	WAU	110	3	30	03	2	4	Cu	4.2	38	27	16	
	941	JUBA	130	7	50	03	1	6	Cb	3.4	37	27	15	

At 1800 on Wednesday 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.
SALUM	110	5	15	03	2	8	As	12.8	18	73	13
SIDI BARANI	80	6	14	01	0	1	Ac	13.5	16	80	14
MATRUH	60	6	14	01	0	1	Ac	13.4	17	83	14
EL DABA	70	4	7	01	1	1	Cu	13.2	17	77	13
ALEXANDRIA	40	10	35	00	0	0	—	14.4	17	77	13
FARUK (Airport)	00	0	12	01	1	0	—	14.2	17	83	14
DAMIETTA	90	2	7	03	0	4	CS	14.5	18	83	15
PORT SAID	50	8	18	03	0	6	CS	14.5	18	78	14
EL 'ARISH	40	2	14	03	1	4	Ci	14.4	17	83	14
DAMANHUR	40	5	15	02	0	0	—	14.6	18	73	13
MANSURA	40	5		00	0	0	—	13.6	19	73	14
TANTA	90	2	35	02	0	0	—	13.5	21	65	14
ZAGAZIG	00	0	35	02	0	0		14.0	21	57	12
ISMAILIA	20	5	35	03	2	8	As	13.5	20	56	11
FARUK (Airport)	90	14	12	03	1	5	CS	14.0	24	36	8
ALMAZA	40	10	12	03	1	5	AC CS	13.5	25	45	12
EZBEKIYA	40	4	10	03	1	4	Ci	13.5	24	44	11
GIZA	40	4	10	03	1	4	Ci	13.5	24	41	10
HELWAN	360	11	15	03	1	5	CS	13.5	26	25	4
FAIYUM	360	4	35	03	1	2	Ci	12.3	25	34	8
MINYA	360	4	8	01	1	0	—	11.7	23	44	10
ASYUT MANQABAD	280	3	10	01	0	1	Ci	10.9	28	31	9
NAG' HAMMADI	00	0		00	0	0	—	9.5	29	40	14
QENA	270	1	7	00	0	0	—	8.7	32	34	14
LUXOR	290	4	12	01	1	3	Ci	8.1	34	13	21
ASWAN	Ci	0	50	00	0	0	—	8.2	37	14	6
SIWA	90	4	10	01	1	4	CS	11.2	28	23	5
BAHARIYA	20	2	15	02	2	2	AC	10.8	27	34	10
FARAFRA	00	0	35	00	0	0	—	11.1	27	15	-2
DAKHLA	20	9	35	00	0	0	—	9.4	33	12	0
KHARGA	00	0	15	00	0	0	—	9.8	33	12	0
SUEZ	310	5	15	03	0	6	Cu	13.3	23	44	10
TOR	310	5	15	03	1	3	Ci	9.6	24	69	18
HURGHADA	320	11	12	02	2	0	—	10.0	28	33	10
QUSEIR	20	2	15	01	1	4	AC	9.4	27	52	16
WADI HALFA											
ABU HAMAD											
KAREIMA											
'ATBARA											
KHARTUM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
MALAKAL											
WAU											
JUBA											

At 0600 on Thursday 23rd April, 1953

Station	Wind 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	70	9	15	03	2	8	As	12.2	-1.5	18	20	-6	15	+1	83	15	0	37	
SIDI BARANI	70	13	12	02	2	8	SC	12.8		18	19		16		83	15	0	109	
MATRUH	60	10	14	02	2	8	Cu, AC	13.0	-1.5	18	21		14		83	15	0	52	
EL DABA	70	10	15	01	1	3	Cu	12.5		18	21		15		88	16	0	95	
ALEXANDRIA	130	5	7	03	4	8	Cu, SC	13.6	-0.7	18	21	-3	16	0	83	15	0	125	183
FARUK (Airport)	00	0	14	02	2	7	SC, AC	13.4	-2.0	18	23	-1	15	+1	83	15	0	122	136
DAMIETTA	140	5		03	6	8	SC	13.6	-0.5	19	22	-2	17	+2	83	16	dr.	56	103
PORT SAID	100	15	14	03	0	7	SC, Ci	13.7	-1.3	20	22	-1	18	+1	83	17	0	61	
EL 'ARISH	60	4	30	01	2	6	AC, Ci	13.4	-0.4	19	22		12		73	14	0	46	
DAMANHUR	360	4	7	03	2	8	As	13.1	-1.0	18	27	-1	14	+1	83	15	0	43	97
MANSURA	90	3	7	03	2	8	As	13.4	-0.9	18	28	-1	15	+2	73	13	0	48	51
TANTA	90	8	35	03	2	8	As	12.8	-1.6	18	29	0	14	+2	73	13	0	18	39
ZAGAZIG	00	0	35	02	1	7	St	13.0	-1.4	18	30	+1	15	+3	73	13	0	29	26
ISMAILIA	30	2	35	03	2	8	As	13.5		20	28		14		41	6	0	32	
FARUK (Airport)	90	10	14	02	2	8	As, Ci	12.3		24	30		17		26	3	0	7	
ALMAZA	70	12	18	02	2	8	AC, CS	12.3	-3.0	24	29	0	16	+1	22	1	0	8	
EZBEKIYA			8	02	2	8	AC	11.8	-2.4	21	30	0	16	+2	26	1	0	15	24
GIZA			8	02	2	8	AC	12.4	-1.8	21	30	0	15	+4	26	1	0	43	24
HELWAN	40	8	15	02	2	8	AC, CS	12.2	-1.6	25	31	+1	17	+2	22	2	0	3	27
FAIYUM	00	0	35	02	2	7	As	12.2	-1.7	22	32	+1	16	+2	50	11	0	14	8
MINYA	00	0	8	03	0	3	Ci	10.9	-4.4	24	34	+3	14	+1	34	7	0	1	
ASYUT MANQABAD	00	0				6	Ci	10.5	-2.7	24	38	+6	19	+4	34	7	0	2	
NAG' HAMMADI	00	0	13	02	0	6	CC	11.1	-1.4	25	40	+7	18	+3	54	15	0	03	
QENA	280	1	35	03	1	4	Ci	12.8	-1.1	32	42	+6	21	+4	34	14	0	2	
LUXOR											43							1	
ASWAN	00	0	50	00	0	0	—	11.1	-0.8	30	42	+6	23	+3	35	13	0	2	
SIWA	100	7	13	03	1	7	AC, CS	10.6	-4.5	22	33	+2	20	+7	38	7	0	2	8
BAHARIYA	00	0	15	02	2	6	AC	10.2	-4.3	23	34	+2	19	+5	61	15	0	dr.	7
FARAFRA	00	0	35	00	1	0	—	11.1		26	37		18		18	0	0		
DAKHLA	20	9	50	03	0	2	Ci	10.8	-2.5	27	41	+6	19	+3	15	-2	0	0	
KHARGA	00	0	15	00	0	0	—	10.2	-2.5	28	40	+5	21	+4	33	10	0	dr.	
SUEZ	360	4	35	00	0	8	Cb	12.4	-1.4	21	31	+2			57	12	0	45	16
TOR	180	5	35	03	1	5	Ci	11.2	-0.6	23	29	0	19	+2	78	19	0	[illegible]	13
HURGHADA	00	0	30	02	0	0	—	11.7	-1.0	24	28	+2	18	+1	47	12	0	7	
QUSEIR	30	2	15	02	0	0	—	11.9	+0.1	27	30	+2	21	0	42	13	0	12	4
PORT SUDAN																			
WADI HALFA	360	2	30	04	0	0	—	10.8		28	43		21		14	-2	0		
ABU HAMAD																			
KAREIMA	50	4	30	02	0	0	—	14.2		29	41		23		17	1	0		
'ATBARA																			
KHARTUM																			
KASSALA	90	4	30	02	0	0	—				42		22			12	0		
WAD MEDANI																			
RENK																			
ROSEIRES	310	2	35	02	0	0	—	7.8		31	42		19		11	-3	0		
EL OBEID		7	30	03	0	4	Ci	7.8		30	39		21		9	-6	0		
EL FASHER	00	0	30	03	0	1	Ci			34	39		16		9	-3	0		
GENEINA	70	5	30	02	0	0	—			32	39		16		7	-8	0		
MALAKAL	00	0	30	03	2	6	AC	9.9		29	41		26		49	17	0		
WAU	180	1	30	02	2	8	As, Cs	10.8		27	39		26		66	20	0		
JUBA	180	7	30	02	9	8	AC	11.2		23	39				89	21	0		

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	72	+4
Ezbekiya	46	-7
Giza	54	-1
Helwan	33	-7

GIZA GRASS MINIMUM TEMP ON 23rd 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

Almaza AIRPORT — On 22nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	114	30		50	7
950					
900					
850	1521	17		33	12
800					
700	3144	6		290	25
600					
500	5804	-14		280	38
400	7464	-26		280	39
300	9478	-42			

AIRPORT — On At

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

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 22nd

Station	Matruh		Alex. A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		S. Barani	
Time	14		14	15	14		14		14		14		14		14		14		14		14		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	11	20	7	30	11	360	15	30	9	340	13	340	21	260	8	100	17	330	10	360	10	350	23	80	21
600	100	5	20	4	20	4	340	7	40	7	360	15	340	19	260	8	100	22	330	7	350	10	330	21	120	14
1000	90	3	60	2	360	7	310	7	20	4	350	11	360	14	260	11	100	15	340	6	330	5	280	11	170	10
1500	310	13	320	7	350	6	270	15	330	14	10	20	360	11	250	13	90	5	270	7			240	10	310	9
2000	300	22	310	16	290	3	260	22	300	16							240	10	280	18			260	20	270	17
3000									290	27							270	13	300	24						
4000																	250	33								
5000																	270	43								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Station	Sidi Barani		Matruh		Almaza Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	8		8		8		2				6 30		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	110	22	100	12	40	10	90	16			70	13	40	4	140	5							70	19
600	130	11	100	9	30	10	80	3			80	11	340	7	190	14					340	16	80	12
1000	150	10	300	8	140	2	310	9			100	8	340	15	220	14					320	22	50	10
1500	230	10	40	6	20	8	320	12				6			270	13					320	17	330	3
2000	250	20	70	13	340	11	300	23			310	15			280	16					330	6	280	10
3000	270	30			360	10															360	16	250	29
4000	270	26			250	35																	260	28
5000					270	40																		
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	7 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	110	18	160	17	150	9	160	7																
600	130	19	140	18	210	30	180	16																
1000	200	22	130	16	220	27	180	16																
1500	280	23	140	16			220	9																
2000	280	22	180	16			250	14																
3000	260	23	170	22																				
4000	260	34																						
5000	260	36																						
6000																								
7000																								
8000																								

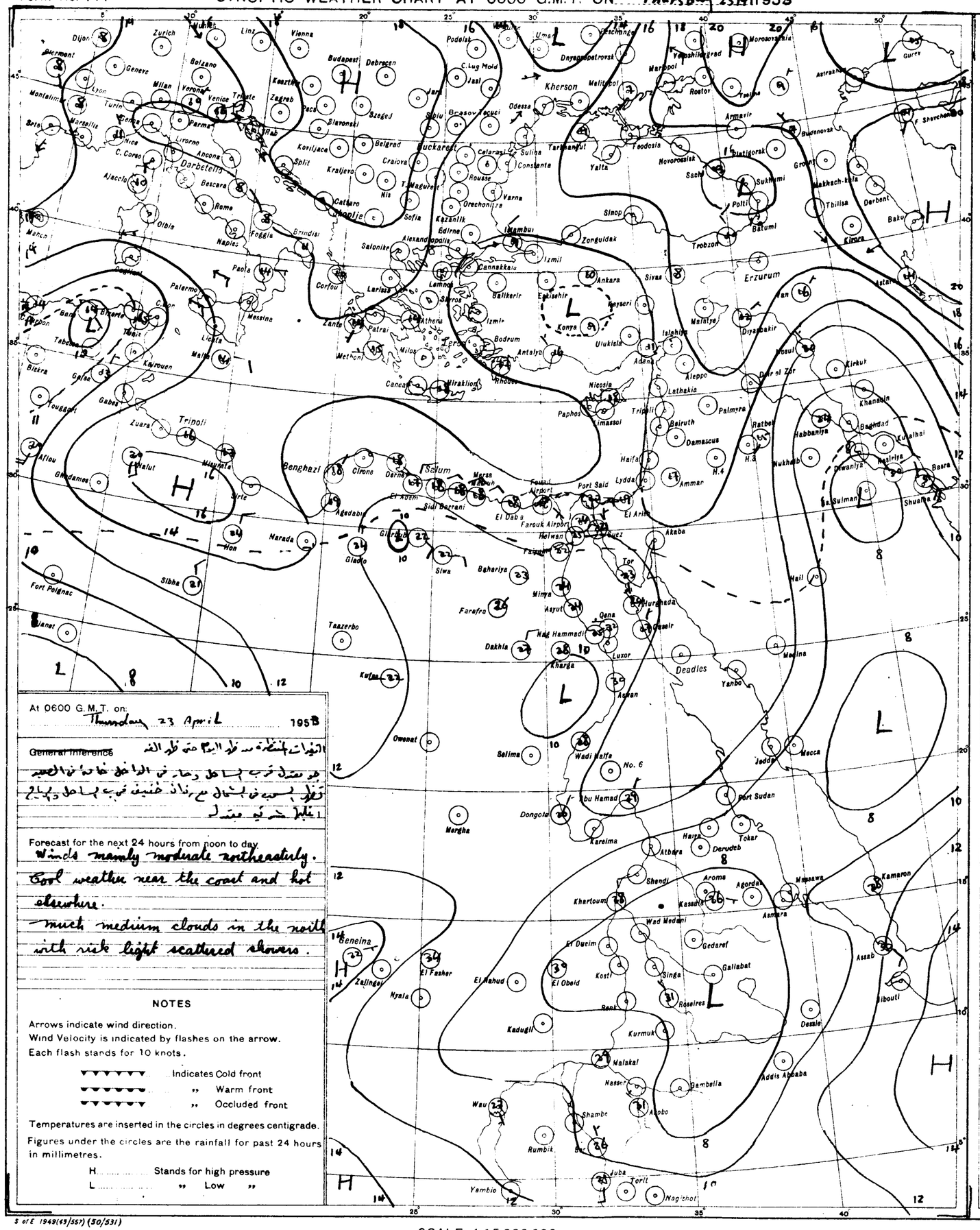
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 Thursday 23/4/1953



At 0600 G.M.T. on: Thursday 23 April 1953

~~General Inference~~

التيارات المنتظمة من ظهر اليوم حتى ظهر الغد
هو معتدل قرب الساحل وحار في الداخل خاصة في الجنوب
تغلب السحب في الشمال مع رذاذ خفيف قرب الساحل وبالليل
غالبا شرقية معتدل

Forecast for the next 24 hours from noon to day

Winds mainly moderate northeasterly.
Cool weather near the coast and hot elsewhere.
Much medium clouds in the north with rain light scattered showers.

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 17 G.M.T.

" " Sunset 16 27 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Friday 24th April, 1952 3

At 1200 on Thursday 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	20	19	35	03	2	6	SC	11.8	20	73	15
	303	SIDI BARANI	60	17	15	01	2	2	AC	11.7	20	77	16
	306	MATRUH	20	16	16	02	2	7	Cu, AC	11.9	20	77	16
	305	EL DABA	70	7	35	02	1	4	Cu	11.9	20	83	17
		ALEXANDRIA	60	12	35	01	2	7	AC, Ci	11.5	19	83	16
	318	ALEX (Airport)	40	15	14	02	2	8	AC	11.4	22	74	17
	330	DAMIETTA	110	5	15	01	1	6	AC	12.4	21	74	16
	333	PORT SA'ID	60	17	16	02	6	7	AC	12.4	20	83	17
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	13	15	02	2	8	AS	11.6	26	48	14
	342	MANSURA	90	3	15	03	2	8	AS	11.9	26	45	14
	348	TANTA	90	8	35	03	2	8	AS	11.5	28	40	13
	354	ZAGAZIG	40	1	50	01	1	4	SC	11.4	28	40	13
	440	ISMAILIA	20	2	35	02	2	8	AC, Ci	12.0	29	19	3
Cairo Area	356	CAIRO (Airport)	70	17	14	02	2	8	AC	11.1	30	17	2
	372	ALMAZA	40	11	14	02	2	7	AC	10.6	30	12	2
		EZBEKIYA			18	01	2	6	SC, AC	10.2	31	18	4
		GIZA			18	01	2	6	SC, AC	10.0	31	22	7
	378	HELWAN	40	12	15	02	2	8	AC	10.8	33	12	0
Upper Egypt	381	FAIYUM	00	0	35	02	2	8	AS	9.6	32	24	9
	387	MINYA	00	0	10	03	1	7	AC, CS	8.5	38	17	9
	393	ASYUT MANQABAD	40	6	12	03	1	7	AC, CS	7.1	40	9	1
	399	NAG' HAMMADI	00	0	7	01	1	4	CS	7.1	40	10	
	402	QENA	270	1	50	02	1	4	Ci	7.4	42	25	18
	405	LUXOR	290	3	18	01	1	0	—	7.7	43	9	4
	414	ASWAN	260	5	50	00	0	0	—	6.8	42	12	7
Oases	417	SIWA	260	3	14	01	2	6	CS	9.2	35	16	6
	420	BAHARIYA	70	1	35	02	2	7	AC	8.6	38	31	18
	423	FARAFRA	290	37	0.1	35	3	6	AC, CS	7.1	39	6	-6
	432	DAKHLA	270	26	35	00	0	0	—	5.9	43	5	-4
	435	KHARGA	270	9	7	02	2	4	Ci	6.6	44	12	8
Red Sea	450	SUEZ	360	4	50	01	0	5	Cb	9.8	31	22	7
	459	TOR	220	5	35	03	1	5	Ci	9.5	29	31	10
	462	HURGHADA	20	8	18	03	2	7	CS	9.1	25	70	19
	465	QUSEIR	20	2	15	03	1	4	AC	9.4	27	62	19
	641	PORT SUDAN	70	6	30	03	0	2		10.2	34	29	13
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	70	11	17	07	0	0	—		43	6	-2
	660	KAREIMA	40	13	30	02	0	0	—	5.0	41	11	5
	680	'ATBARA	40	9	30	01	1	3	Ci	4.2	41	9	2
	721	KHARTUM	30	20	15	07	1	6	Ci	4.2	41	8	0
	730	KASSALA	190	4	30	03	0	1	Cu	0.3	43	11	6
Central Sudan	751	WAD MEDANI	310	9	35	02	1	5	SC	3.7	42	6	-4
	801	RENK	230	13	35	02	1	5	AC		41	26	18
	802	ROSEIRES											
	771	EL OBEID	30	12	30	01	2	4	CS	4.0	39	5	-8
	760	EL FASHER	110	6	30	03	0	1	CS		39	7	-3
	770	GENEINA	70	11	30	02	0	0	—		38	4	-12
S. Sudan	840	MALAKAL	180	7	30	17	2	8	Cb, AC	6.8	35	32	16
	880	WAU	230	9	30	02	2	7	Cu, Ci	8.9	31	49	19
	941	JUBA	180	8	50	02	2	7	Cu, AC	7.4	31	52	20

At 1800 on Thursday 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
Mediterranean	62300	SALUM	20	19	15	03	2	6	Sc, Ci	12.6	18	83	15	0
	303	SIDI BARANI	60	13	12	02	2	6	Sc	13.1	17	88	15	0
	306	MATRUH	50	8	12	02	2	7	CS	12.9	17	94	16	0
	305	EL DABA	20	6	7	02	1	4	Cu	12.4	17	88	15	0
		ALEXANDRIA	40	11	35	01	2	1	Cu	12.4	18	88	16	0
	318	ALEX (Airport)	40	11	12	01	2	2	Ci	12.5	18	88	16	0
	330	DAMIETTA	20	5		03	1	7	AC	12.3	20	73	15	0
	333	PORT SA'ID	70	13	18	02	2	7	AC	11.8	20	73	15	dr.
	336	EL 'ARISH	20	10	10	01	2	5	Sc, Cu	11.0	20	69	14	0
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	12.3	19	73	14	0
	342	MANSURA	360	5		03	2	4	AS	12.3	20	64	13	0
	348	TANTA	70	2	35	01	1	2	Cu	11.5	20	73	15	0
	354	ZAGAZIG	00	0	35	02	1	0	—	10.8	20	56	11	0
	440	ISMAILIA	40	5	35	03	2	8	AC	10.2	23	18	-3	0
Cairo Area	356	CAIRO (Airport)	70	14	12	01	2	4	AC, Ci	10.1	24	41	10	0
	372	ALMAZA	50	16	12	03	1	5	AC	9.7	24	44	11	0
		EZBEKIYA			10	03	1	5	Sc, AC	9.6	25	42	11	0
		GIZA			10	03	1	5	Sc, AC	10.2	25	42	11	0
	378	HELWAN	40	15	15	02	2	7	AC, CS	10.3	27	33	9	0
Upper Egypt	381	FAIYUM	00	0	35	01	2	6	Ci	8.6	26	30	7	0
	387	MINYA	360	6	8	01	1	4	Ci	6.5	32	31	13	0
	393	ASYUT MANQABAD	270	4	8	01	2	4	Ci	6.5	33	16	4	0
	399	NAG' HAMMADI	00	0		02	1	4	AC	6.2	34	23	10	0
	402	QENA	00	6	7	02	1	5	Ci	7.5	38	24	14	0
	405	LUXOR												
	414	ASWAN	00	0	50	01	1	2	Ci	7.4	38	13	5	0
Oases	417	SIWA	290	2	10	01	2	4	CS	9.8	28	27	7	0
	420	BAHARIYA	40	3	15	02	2	3	AC	8.7	30	35	13	0
	423	FARAFRA	320	10	15	03	3	4	Ci	9.3	32	15	2	0
	432	DAKHLA	320	27	c.35	34	3	0	—	7.6	37	11	2	0
	435	KHARGA	320	11		02	2	8	AC	5.6	38	13	5	0
Red Sea	450	SUEZ	310	2	15	01	0	4	Cb	9.3	27	33	9	0
	459	TOR	180	5	15	03	1	6	Ci	9.6	25	70	19	0
	462	HURGHADA	30	2	12	02	1	3	Ac	9.5	26	40	11	0
	465	QUSEIR	330	2	15	01	1	3	AS	9.8	25	70	19	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 Friday 24th April, 1953

Area	Index Number	Station	Wind 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.
Mediterranean	62300	SALUM	90	9	15	03	2	8	Ci	13.9	+0.3	16	21	-5	10	-4	88	14	0	37	
	303	SIDI BARANI	100	12	12	02	2	8	AS				21		12			14	0	109	
	306	MATRUH	00	0	10	03	4	4	AC, CS	14.0	-0.5	19	22		10		73	14	0	52	
	305	EL DABA	70	7	15	01	1	2	Cu	14.5		14	25		13		73	14	0	75	
		ALEXANDRIA	60	8	3	03	2	5	CS	15.1	+0.9	19	23	-1	17	+1	73	14	0	125	163
	318	ALEX (Airport)	40	5	18	03	1	5	CS	14.9	-0.5	19	25	+1	15	+1	73	14	0	122	136
	330	DAMIETTA	20	5	15	01	1	3	Ci	14.7	+0.7	19	21	-3	16	+1	73	14	0	56	103
	333	PORT SA'ID	80	9	18	02	1	4	Ci	14.6	-0.3	20	21	-2	18	+1	77	16	dr	61	
	336	EL 'ARISH	00	0	30	03	2	6	Cu, Ci	13.5	-0.3	20	26				77	16	0	46	
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	14.0	0.1	18	27	-1	15	+2	73	13	0	43	47
	342	MANSURA	40	3	15	00	1	0	—	14.0	0.3	20	26	-3	15	+2	73	15	0	48	51
	348	TANTA	220	8	35	01	1	2	Ci	14.3	-0.1	19	26	-1	12	0	64	12	0	18	39
	354	ZAGAZIG	00	0	35	02	0	0	—	13.5	-0.9	21	29	0	13	+1	65	14	0	29	26
	440	ISMAILIA	40	5	35	03	1	3		13.9		22	30		15		50	11	0	32	
Cairo Area	356	CAIRO (Airport)	40	14	30	01	1	1	Ci	13.0		21	31		15		7	9	0	7	
	372	ALMAZA	60	17	12	01	1	2	Ci	13.1	-2.1	21	31	+1	15	0	50	10	0	8	
		EZBEKIYA	350	2	10	00	0	0	—	12.8	-1.3	22	32	+2	15	0	50	11	0	15	24
		GIZA	350	2	10	00	0	0	—	12.8	-1.4	22	31	+1	15	+3	53	12	0	43	24
	378	HELWAN	20	5	15	01	1	1	Ci	12.7	-1.0	23	34	+4	19	+4	33	5	0	3	27
Upper Egypt	381	FAIYUM	360	4	35	02	1	3	Ci	12.7	-1.1	21	34	+3	17	+3	57	12	0	14	8
	387	MINYA	10	11	8	02	0	0	—	12.6	-2.6	21	38	+7	15	+2	50	10	0	1	
	393	ASYUT MANQABAD	300	4	8	02	0	0	—	12.5	-0.6	22	41	+9	19	+3	41	8	0	2	
	399	NAG' HAMMADI	270	1		00	0	0	—	11.5	-0.9	27	42	+9	22	+7	37	11	0	0.3	
	402	QENA	270	1	35	00	0	0	—	10.2	-1.6	32	43	+7	22	+5	34	14	0	2	
	405	LUXOR	00	0	18	01	0	0	—	10.8	-1.3	33			22		26	10	0	1	
	414	ASWAN	340	2	50	01	1	2	Ci	10.7	-1.2	31	43	+6	25	+4	22	7	0	2	
Oases	417	SIWA	100	6	12	03	2	8	AC, CS	13.2	-1.8	22	36	+5	19	+6	38	7	0	2	6
	420	BAHARIYA	360	2	35	02	2	4	AC	13.1	-1.3	23	39	+7	19	+5	44	10	0	dr.	7
	423	FARAFRA	20	5	35	01	1	5		13.3		26	42				25	4	0	1	
	432	DAKHLA	340	19	50	00	0	0	—	12.8	-0.5	28	44	+9	23	+7	16	0	0	0	
	435	KHARGA	00	0	15	00	0	0	—	12.0	-0.6	30	45	+10	26	+9	13	-1	0	dr.	
Red Sea	450	SUEZ	360	4	35	00	0	5	Cu	13.0	-0.7	24	32	+2			38	9	0	45	16
	459	TOR	220	5	35	01	1	4	Ci	11.1	-0.7	23	29	0	19	+2	74	18	0	Rain	13
	462	HURGHADA	320	11	30	02	0	0	—	10.0	-2.6	25	29	+3	18	+1	51	14	0	7	
	465	QUSEIR	330	5	15	02	0	0	—	9.8	-1.9	26	30	+1	20	-1	55	16	0	12	4
	641	PORT SUDAN	140	8	50	02	2	7	AC, CS	11.4		31	35		23		59	22	0		
North Sudan	600	WADI HALFA	00	0	15	05	0	2		11.1		27	44		22		16	-1	0		
	640	ABU HAMAD	00	0	30	01	0	1	AC			36	43				19	7	0		
	660	KAREIMA																			
	680	'ATBARA																			
	721	KHARTUM																			
	730	KASSALA	210	1	30	02	2	7	CS	8.1		32	44		25		34	14	0		
Central Sudan	751	WAD MEDANI																			
	801	RENK																			
	802	ROSEIRES																			
	771	EL OBEID	220	5	30	01	2	7	AC, CS	9.1		29	40				12	-3	0		
	760	EL FASHER	40	4	30	02	0	0	—			27	40		21		17	0	0		
	770	GENEINA																			
S. Sudan	840	MALAKAL																			
	880	WAU	180	6	30	02	2	6	AC, Ci	10.7		26	34		24		66	19	0		
	941	JUBA																			

Humidity % Mean of day	on 23rd	Diff. from normal
Alexandria	85	+17
Ezbekiya	43	-9
Giza	32	-22
Helwan	19	-21

GIZA GRASS MINIMUM TEMP. ON 24th 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 — Cairo AIRPORT — On 23rd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	88	30		70	23
950					
900					
850	1509	19		00	00
800					
700	3140	6		270	17
600					
500	5797	-12		270	57
400	7469	-31		270	84
300	9533	-36		290	91

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 23rd

Height m.	Alex A.P. Dir.	Alex A.P. Vel.	Port Said Dir.	Port Said Vel.	Almaza Dir.	Almaza Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.
	14		14		15		14	15	14		14		14	
300	50	26	70	17	30	13	220	10	280	8	320	30	240	23
600	60	10	80	19	10	24	220	5	270	9	330	41	260	29
1000	140	16	70	19	50	16	210	11	280	12			270	30
1500	160	5	140	13	60	8	220	17	270	13				
2000			210	14			240	32						
3000							280	23						
4000														
5000														
6000														
7000														
8000														

Height m.	El Arish Dir.	El Arish Vel.	Matruh Dir.	Matruh Vel.	Asyut Dir.	Asyut Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.	Siwa Dir.	Siwa Vel.
	14		14		14		14		14		14	
300	40	22	60	14	350	4	10	17	80	8	290	11
600	30	13	40	15	360	3	30	8	80	16	290	10
1000	240	6	110	6	10	6	30	7	130	6	290	10
1500	270	14	200	5			220	16	170	8	320	22
2000	290	20					240	25	230	11	320	21
3000	250	21									300	34
4000											300	35
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 24th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Alex Airport Dir.	Alex 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.	Farafra Dir.	Farafra Vel.
	8		8				2				7		2		8						8		8	
300	40	12	100	13			40	12			320	4	360	4	300	4					20	29	50	5
600	360	1	130	20			30	17			70	13	340	6	310	9					310	23	70	5
1000	240	11	160	10			20	7			50	16	350	4	320	11					310	23	70	4
1500	270	15	300	15			340	10			60	6	360	5	330	17					350	9	60	22
2000	260	26					270	23			300	11											60	3
3000	280	20					270	27			60	37												
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.
	8		8		8		8		4		3				4						4			
300	140	17	90	15	360	3	20	6	10	11														
600	140	21	80	18	320	3	360	13	30	27	90	15			70	9								
1000	120	12	80	16	340	4	340	25	30	24	90	17			60	54					60	4		
1500	10	13	40	12					30	16	70	17			50	26					60	27		
2000	320	23	360	5																				
3000	310	45	330	18							20	22			80	9					80	13		
4000	200	60													130	30								
5000																					80	25		
6000											360	14									70	30		
7000																								
8000																								

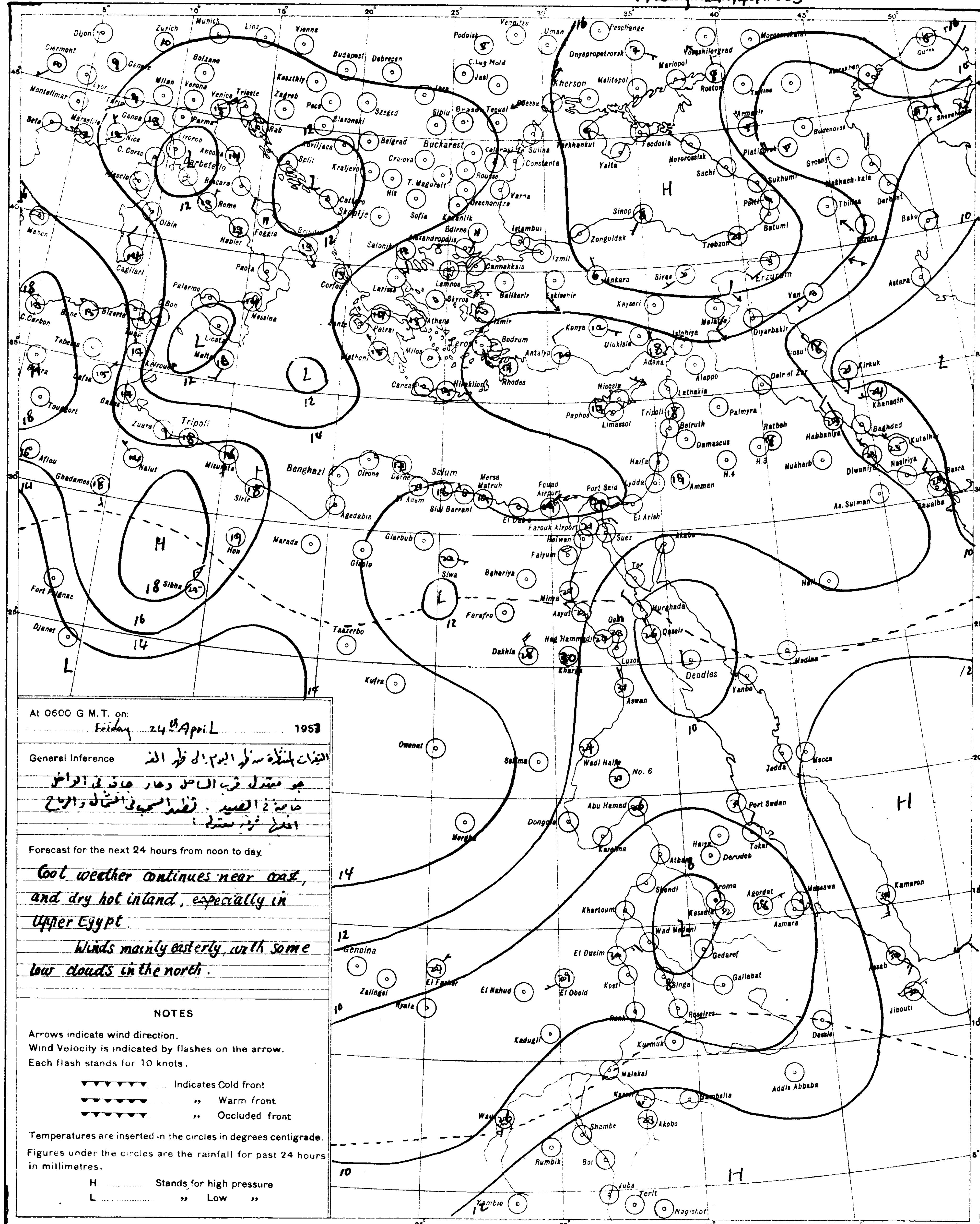
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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

Annual Subscription P.T. 15.-

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 24 |4 | 1953



At 0600 G.M.T. on: Friday 24th April 1953

General Inference التغيرات المنتظرة من ظهر اليوم الى ظهر الغد
جو معتدل قرب الساحل وحار جاف في الداخل
خاصة في الصعيد . تظهر السحب في الشمال والرياح
الغالب شرقية معتدلة :

Forecast for the next 24 hours from noon to day.

Cool weather continues near coast, and dry hot inland, especially in Upper Egypt.

Winds mainly easterly, with some low clouds in the north.

NOTES

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

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

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

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

S of E 1949(45/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

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

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 25th April, 1953

At 1200 on Friday 24th / At 1800 on Friday 24th

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. (knots)	1800 Visibility (km)	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	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	40	5	35	01	0	3	Ci	13.9	19	78	15	40	5	15	00	0	0	—	13.4	18	83	15	0
	303	SÎDI BARÂNI	60	9	15	02	0	2	AC	13.7	20	64	13	80	10	14	02	0	0	—	12.9	17	83	14	0
	306	MATRÛH	30	8	14	01	1	4	CS	13.6	20	64	13	60	6				1	AC	12.7	18	78	14	0
	309	EL DABʻA	360	5	35	02	1	5	Cb	13.3	20	64	13	70	4	7	01	1	2	Cu	13.2	18	73	13	0
		ALEXANDRIA	40	12	50	02	2	8	Ac, Cs	13.0	20	73	15	40	6	35	00	0	0	—	14.0	17	88	15	0
	318	FAYED (Airport)	360	15	18	02	2	7	Ac, Cs	12.7	21	65	14	00	0	12	02	0	0	—	13.7	17	83	14	0
	330	DAMIETTA	120	5	15	03	1	8	Sc	12.0	21	65	14	340	2		01	1	0	—	14.7	18	83	15	0
	333	PORT SAʻÎD	50	12	30	03	2	8	CS	12.0	20	78	16	360	10	14	01	1	0	—	14.2	19	83	16	0
	336	EL ʻARISH												00	0	14	01	2	3	CS	12.8	18	83	15	0
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	13.0	27	52	16	40	9	15	02	0	0	—	13.2	19	64	12	0
	342	MANṢURA	40	5	15	03	2	8	AS	11.4	26	40	11	360	5		02	1	3		13.9	19	64	12	0
	348	TANTA	40	2	35	02	2	8	CS	12.4	27	42	13	00	0	35	03	2	6	Ci	13.3	20	73	15	0
	354	ZAGAZIG	320	2	50	03	1	8	St	10.6	29	31	10	00	0	35	02	1	0	—	13.8	20	73	15	0
	440	ISMAʻILIA												360	2	35	01	0	0	—	13.3	21	57	12	0
Cairo Area	356	Cairo (Airport)	70	13	30	02	2	6	CS	10.8	31	18	4	70	12	12	03	2	5	Ac, Cs	13.6	22	41	8	0
	372	ALMÂZA	40	9	30	02	2	8	AS	10.1	30	22	6	50	11	12	01	1	3	AC	13.1	22	44	9	0
		EZBEKÎYA	50	2	18	03	0	6	Ac, Ci	12.1	31	26	9	60	5	10	01	2	5	Sc, Ac	13.4	23	29	4	0
		GÎZA	50	2	18	03	0	6	Ac, Ci	9.8	32	26	10	60	5	10	01	2	5	Sc, Ac	13.0	23	41	9	0
	378	HELWÂN	290	8	35	02	2	8	CS	12.3	34	10	-2	20	18	15	02	2	7	Ac	12.6	23	44	10	0
Upper Egypt	381	FAIYÛM	00	0	35	02	2	7	Ci	10.8	34	22	9	00	0	35	01	1	3	Ci	12.4	26	42	12	0
	387	MINYA	00	0	10	03	1	6	Ac, Ci	9.7	35	18	7	00	0	8	03	1	2	Ac	11.7	25	45	12	0
	393	ASYÛT MANQABAD	320	8	10	03	1	6	Ac	9.3	38	12	4	00	0	8	01	2	5	AC	10.9	29	29	9	0
	399	NAGʻ HAMMÂDI												00	0		02	2	5	Ac, Cs	10.7	30	40	15	0
	402	QENA	270	3	50	00	0	0	—	8.2	39	24	15	270	1	7	03	1	5	Ci	9.4	34	27	12	0
	405	LUXOR																							
	414	ASWÂN	360	5	15	00	0	0	—	7.9	40	15	9	360	6	50	01	1	3	Ci	9.4	37	14	6	0
Oases	[illegible]	SÎWA	270	7	13	03	2	7	As, Cs	13.4	34	18	6	00	0	10	02	2	5	Cu, Cs	11.8	27	33	9	0
	420	BAHARÎYA	220	1	35	02	2	6	A[illegible]	[illegible]	36	33	17	360	2	15	02	2	2	Ac	12.3	28	45	15?	0
	[illegible]	FARAFRA	00	0	35	02	1	7	C[illegible]	[illegible]	36	13	4	00	0	15	02	1	7	CS	11.8	30	21	5	0
	[illegible]	DAKHLA												340	9	15	01	1	0	—	11.1	32	10	-3	0
	[illegible]	KHARGA	00	0	15	02	2	7	AC	9.1	38	13	5	00	0	15	02	2	8	AC	11.2	34	18	6	0
Red Sea	[illegible]	SUEZ	360	3	50	01	0	4	Cu	9.4	32	24	9	310	5	15	01	0	3	Cu	12.7	23	44	10	0
	[illegible]	TOR	310	9	35	03	1	6	AS	9.0	31	38	15	270	9	15	01	1	2	Ci	11.0	26	48	14	0
	462	HURGHADA	30	7	50	02	0	0	—	9.2	27	55	17	320	11	12	02	2	6	Ac	10.4	29	40	14	0
	465	QUSEIR	20	2	15	02	0	0	—	9.4	28	52	17	330	2	15	02	0	0	—	11.2	26	62	18	0
	[illegible]	PORT SUDÂN	120	15	30	02	1	4	Cu, Ci	8.2	34	59	25												
North Sudan	[illegible]	WÂDI HALFA	360	16	30	02	0	0	—	8.4	42	6	4												
	[illegible]	ABU HAMAD	50	3	30	02	0	0	—		43	4	-7												
	[illegible]	KAREIMA	20	13	10	07	0	0	—	4.8	42	6	-3												
	[illegible]	ʻATBARA	70	8	30	03	1	3	Ci	3.4	42	8	1												
	[illegible]	KHARTÛM	30	7	30	02	2	6	CS	2.9	41	6	-3												
	[illegible]	KASSALA	210	1	30	02	2	7	CS	2.8	40	15	9												
Central Sudan	[illegible]	WAD MEDANI																							
	[illegible]	RENK																							
	302	ROSEIRES	310	2	35	02	1	3	Cu	5.0	39	21	13												
	[illegible]	EL OBEID	30	4	30	02	2	7	Ac, Cs	4.4	37	10	0												
	760	EL FÂSHER	90	13	10	07	0	0	—		39	11	3												
	770	GENEINA	90	20	30	02	0	0	—		39	4	-11												
South Sudan	340	MALAKÂL	180	9	30	03	2	7	Cu, Ac	6.3	36	31	16												
	[illegible]	WÂU	110	5	30	02	2	2	Ac, Cs	5.9	36	31	16												
	[illegible]	JUBA	160	8	50	01	2	3	Cu, Ac				19												

At 0600 on Saturday 25th April, 1953

Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Bar. Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rain Past 24 hrs.	Rain Total from Oct. 1st	Rain Normal from Oct. 1st	Station
320	9	15	00	0	0	—	14.6	+1.1	18	22	-4	13	-1	83	15	0	37		SALUM
320	9	12	02	0	3	St	13.7		18	21		13		83	15	0	109		SÎDI BARÂNI
300	5	14	02	0	0	—	13.7	-0.7	18	23		11		64	11	0	52		MATRÛH
180	2	15	01	1	1	Cu	13.5		21	22		11		57	12	0	95		EL DABʻA
130	3	7	03	4	5	Cu, AC	13.1	-1.1	19	21	-3	15	-1	73	14	0	125	183	ALEXANDRIA
00	0	18	03	0	4	Sc, Cu	12.9	-2.4	18	24	0	14	0	83	15	0	122	138	FAYED (Airport)
140	2	15	03	0	2	AC	13.0	-1.0	20	23	-1	14	-1	83	17	0	56	103	DAMIETTA
80	6	14	01	0	4	AC	12.5	-2.3	21	22	-1	16	-1	74	16	0	61		PORT SAʻÎD
120	4	18	03	1	4	AC	11.9	-1.9	20	22		12		69	14	0	46		EL ʻARISH
40	9	15	02	1	1	Ci	12.8	-1.3	18	30	+2	15	+2	73	13	0	43	48	DAMANHÛR
40	3	15	03	2	6	AC	12.4	-1.9	19	27	-2	13	0	73	14	0	48	51	MANSÛRA
00	0	35	03	2	6	Sc, Cu	12.4	-1.9	19	28	-1	13	+1	83	16	0	18	39	TANTA
00	0	35	02	1	4	Cu	12.3	-2.1	19	29	0	14	+1	83	16	0	29	26	ZAGAZIG
160	2	35	01	1	6	AC	12.2		20	29		14		64	13	0	32		ISMAÎLIA
00	0	6	05	2	3	AC	12.0		22	31		12		38	7	0	7		Cairo (Airport)
00	0	10	02	2	5	AC	11.8	-3.3	22	31	+1	12	-3	53	12	0	8		ALMÂZA
00	0	10	01	2	3	Ac	12.2	-1.8	23	32	+2	16	+1	50	12	0	15	24	EZBEKÎYA
00	0	10	01	2	3	AC	11.8	-2.3	23	32	+2	13	+1	53	13	0	43	24	GÎZA
00	0	7	01	2	4	AC	12.3	-1.4	23	34	+4	18	+3	44	10	dr.	3	27	HELWÂN
00	0	35	02	1	4	AC	12.0	-1.8	23	35	+4	16	+2	50	12	0	14	8	FAIYÛM
00	0	10	02	0	0	—	11.6	-3.5	24	36	+5	15	+2	41	10	0	1		MINYA
120	3	8	10	1	2	Ci	11.6	-1.4	26	38	+6	20	+4	32	8	0	2		ASYÛT MANQABAD
00	0		02	1	6	Ac, Cc	11.0	-1.4	25	39	+6	20	+5	54	15	0	0.3		NAGʻ HAMMÂDI
270	1	35	03	1	4	Ci	11.4	-0.3	30	40	+4	19	+1	40	15	0	2		QENA
00	0	30	03	1	5	CS	11.0	-1.0	31			21		36	14	0	1		LUXOR
00	0	50	01	1	3	Ci	11.2	-0.6	30	41	+4	25	+4	35	13	0	2		ASWÂN
310	7	14	00	0	0	—	13.2	-1.8	22	35	+4	17	+4	36	6	0	2	8	SÎWA
360	1	35	02	1	1	AC	12.7	-1.7	25	36	+4	18	+4	54	15	0	dr.	7	BAHARÎYA
360	8	35	00	0	0	—	12.4		26	38		18		25	4	0	1		FARAFRA
110	15	50	01	1	3	Ci	10.6	-2.6	27	40	+5	20	+4	15	-2	0	0		DAKHLA
00	0	15	02	2	7	AC	10.0	-2.5	25	39	+4	21	+4	34	8	0	dr.		KHARGA
00	0	35	00	0	6	Cu	11.8	-1.9	22	32	+2			65	15	0	45	16	SUEZ
180	5	35	01	1	3	Ci	11.1	-0.6	24	32	+3	21	+3	69	18	0	Rain	13	TOR
320	12	18	02	2	6	Ac	10.7	-1.8	24	31	+5	20	+3	69	18	0	7		HURGHADA
330	2	15	03	1	6	Ci	10.6	-1.0	26	30	+1	24	+3	62	18	0	12	4	QUSEIR
																			PORT SUDÂN
00	0	30	02	0	4	CS	10.2		30	43		23		21	5	0			WÂDI HALFA
00	0	30	02	0	0	—			33			25		16	4	0			ABU HAMAD
70	5	30	02	0	0	—	9.2		31	43		27		17	3	0			KAREIMA
20	4	30	02	0	1	AC	8.1		33	43		27		24	10	0			ʻATBARA
50	7	30	02	1	3	Ci	7.6		33	42		25		26	11	0			KHARTÛM
																			KASSALA
																			WÂD MEDANI
																			RENK
																			ROSEIRES
290	2	30	01	2	3	AC	7.4		31	38		22		18	4	0			EL OBEID
100	10	30	02	0	0	—			27	40		19		17	0	0			EL FÂSHER
40	6	30	02	0	0	—			24	40		15		18	-7	0			GENEINA
180	12	30	03	2	8	AS	9.3		30	38		23		49	18	0			MALAKÂL
																			WÂU
180	6	50	03	1	6	Sc, Cs	11.8		27	36		23		70	21	0			JUBA

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	80	+12
Ezbekiya	42	-10
Giza	45	-9
Helwan	34	-6

GIZA
GRASS MINIMUM TEMP.
on 25th 11.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ___ At ___

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

Remarks

RAWINSONDE

Almaza AIRPORT — On 24th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	106	31		360	12
950					
900					
850	1584	20		270	14
800					
700	3174	8		290	40
600					
500	5871	-8		290	71
400	7583	-16		290	92
300	9803	-28			

Khartum AIRPORT — On 25th At 05h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950		29		30	9
900	1002	30		80	21
850	1509	27		60	19
800	2039	23		60	19
700	3179	13		70	23
600	4441	2		70	16
500					
400					
300					
200	12485	-51		280	36

___ AIRPORT — On ___ At ___

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

UPPER WIND OBSERVATIONS on 24th

Station	S.Barani		Matruh		Alex A.P.		Port Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada	
Time	14		14		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	110	9	110	10	20	10	30	10	290	15	350	10	360	12	330	18	240	17	310	7	350	15	20	10	350	25
600	110	9	190	8	350	6	40	9	270	10	10	10	300	9	340	23	350	18	290	9	360	11	20	15	350	30
1000			250	15	340	5	50	9	150	3	330	7	290	13	350	22	350	19	270	12	20	7	10	16	330	21
1500			270	20	240	9	80	8	140	16	300	11	280	13					270	16	360	11	20	18	280	18
2000					280	20	70	13			300	3	280	43					230	23					300	29
3000																			280	27						
4000																			280	29						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Station	SÎDI BARÂNI		MATRÛH		Alex AIRPORT		PORT SAʻÎD		ELʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		8		8				7		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	340	15	350	8	330	3	360	1			100	3	70	10	40	1					330	4	340	3
600	360	12	350	6	300	4	90	2			110	8	20	10	190	9					120	10	330	3
1000	320	6			320	9	360	1			70	2	20	13	200	16					200	8	300	4
1500	290	14			240	12	360	1			230	8									210	10	240	7
2000	280	21									260	16									260	18	260	20
3000	290	37													250	33					280	43	250	40
4000																								
5000																								
6000																								
7000																								
8000																								

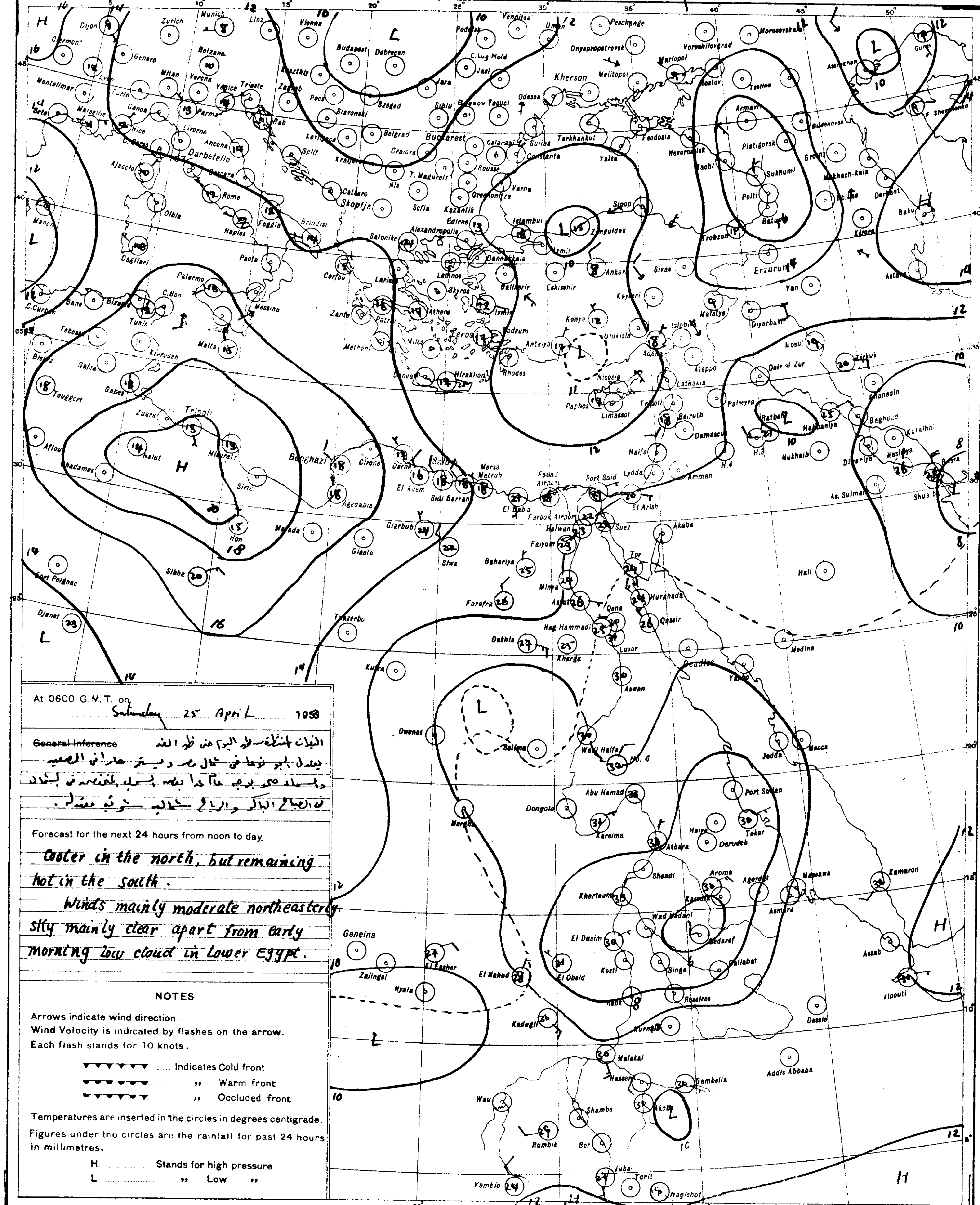
Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
Time	8		8		8		8		4				3		4				4				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	20	340	4	120	10	180	5	80	8														
600	330	23	330	5	170	17	160	17	80	20			60	21	20	17							170	19
1000	320	24	330	7	170	23	170	22	80	20			100	22	70	15			320	3				
1500	310	28			180	31	210	23	70	15			90	26	60	15			30	2			70	17
2000	300	33					250	26	360	9														
3000									320	8			70	24	70	18			60	19			30	3
4000													60	19										
5000									300	7					190	7			50	6			10	4
6000															20	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 (48,557) (50/531)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 25 | 4 | 1953



At 0600 G.M.T. on Saturday 25 April 1953

~~General Inference~~

التنبؤات المنتظرة لليوم حتى ظهر الغد
يعتدل الجو نوعا في شمال مصر ويستمر حارا في الصعيد
والسماء صحو بوجه عام عدا بعض السحب المنخفضة في الشمال
في الصباح الباكر والرياح شمالية شرقية معتدلة.

Forecast for the next 24 hours from noon to day.

Cooler in the north, but remaining hot in the south.

Winds mainly moderate northeasterly. Sky mainly clear apart from early morning low cloud in Lower Egypt.

NOTES

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

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

Temperatures are inserted in the 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	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 17 G.M.T.
" " Sunset 16 29 G.M.T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 26th April, 1952 3

Area	Index Number	Station	1200 Sat. 25th Wind Direction	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.	1800 Sat. 25th Wind Direction	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.
Mediterranean	62300	SALÛM	20	13	35	03	2	7	Sc	15.1	21	65	14	70	9	15	03	1	6	Sc	14.0	17	77	13	0
	303	SÎDI BARÂNI	340	11	15	02	0	1	Sc	14.0	19	78	15	330	6	14	02	0	0	—	13.6	17	83	14	0
	306	MATRÛH	340	8	14	02	1	0	—	13.0	20	60	12	310	5	15	02	0	1	Cu	13.3	17	83	14	0
	309	EL DABʻA	70	7	35	00	0	0	—	13.0	21	57	12	360	3	7	00	0	0	—	12.8	17	68	11	0
		ALEXANDRIA	40	11	50	00	0	0	—	13.4	20	64	13	40	13	35	00	0	0	—	13.3	18	73	13	0
	318	Alex (Airport)	00	0	18	01	1	0	—	12.9	23	47	11	00	0	12	01	0	0	—	12.9	18	73	13	0
	330	DAMIETTA	340	5	35	01	0	1	Ci	13.2	22	65	15	40	2		00	0	0	—	12.6	18	83	15	0
	333	PORT SAʻÎD	10	13	30	01	0	1	AC	12.8	22	57	13	20	13	14	02	0	0	—	12.9	19	73	14	0
	336	EL ʻARISH	20	8	30	02	2	7	Sc,Ac	11.5	22	57	13	360	5	14	01	1	0	—	12.0	18	83	15	0
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	13.3	26	42	12	40	5	15	02	0	0	—	12.5	19	64	12	0
	342	MANṢURA	360	5	35	00	1	0	—	12.0	28	40	13	40	5		00	0	0	—	12.6	19	64	12	0
	348	TANTA	360	8	35	02	1	0	—	12.5	28	33	10	00	0	35	02	0	0	—	12.0	20	73	15	0
	354	ZAGAZIG	00	0	50	02	1	0	—	11.8	31	38	15	40	1	35	02	0	0	—	12.2	20	56	11	0
	440	ISMAʻILIA	360	5	35	03	1	3	Ci	11.0	30	25	8	40	5	35	01	0	0	—	12.2	20	46	8	0
Cairo Area	356	Cairo (Airport)	290	9	14	02	0	0	—	10.6	32	21	7	70	16	12	02	0	0	—	11.2	24	34	7	0
	372	ALMÀZA	320	7	30	00	0	0	—	10.4	31	22	7	50	13	12	00	0	0	—	11.3	22	33	5	0
		EZBEKÎYA	350	2	18	00	1	0	—	11.1	32	24	9	30	8	10	00	0	0	—	10.9	24	38	9	0
		GÎZA	350	2	18	00	1	0	—	10.4	31	26	9	30	8	10	00	0	0	—	11.4	23	36	7	0
	378	HELWÂN	290	7	35	02	0	0	—	11.1	31	22	7	20	24	15	02	0	0	—	11.5	23	32	5	0
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	11.0	33	24	10	00	0	35	02	0	0	—	9.6	21	53	11	0
	387	MINYA	360	5	12	02	0	0	—	9.3	37	16	7	360	3	8	02	0	0	—	8.1	26	40	11	0
	393	ASYÛT MANQABÂD	220	15	30	01	1	1	AC	8.5	40	5	-6	280	2	8	02	0	0	—	7.6	30	24	7	0
	399	NAGʻ HAMMADI	00	0	7	02	1	4	CS	8.3	39	24	15	00	0		01	1	0	—	6.3	29	46	16	0
	402	QENA	270	1	50	00	0	0	—	7.9	41	26	18	00	0	7	00	0	0	—	6.7	33	38	17	0
	405	LUXOR												180	2	12	01	2	4	Cs	6.0	34	25	11	0
	414	ASWÂN	00	0	50	03	2	4	As	6.6	42	15	10	00	0	50	03	2	4	As	7.0	38	16	8	0
Oases	417	SÎWA	330	8	14	00	0	0	—	13.8	30	19	4	320	4	10	00	0	0	—	13.1	26	28	6	0
	420	BAHARIYA	360	2	35	02	0	0	—	10.2	35	37	18	320	3	15	02	0	0	—	9.4	28	40	13	0
	423	FARAFRA	320	5	35	00	0	0	—	10.6	36	13	4	320	10	15	00	0	0	—	11.4	28	10	-7	0
	432	DAKHLA	340	19		32	3	6	Ci	8.0	38	6	-5	340	19	35	00	0	0	—	8.3	33	12	0	0
	435	KHARGA	180	6	7	02	2	5	AC	7.2	41	17	11	00	0	15	01	2	1	Ac	7.1	35	19	8	0
Red Sea	450	SUEZ	360	6	50	01	0	2	Ci	11.4	31	28	10	310	5	15	01	0	0	—	11.4	27	33	9	0
	459	TÔR	220	5	35	01	1	2	Ci	9.9	28	62	20	220	5	15	02	1	0	—	10.8	25	74	20	0
	462	HURGHÀDA	60	6	30	01	1	1	As,Ci	9.7	28	62	20	120	7	12	02	1	0	—	9.5	26	55	16	0
	465	QUSEIR	20	2	15	02	1	6	Ci	9.4	27	70	21	120	5	15	01	1	0		9.1	25	61	17	0
	641	PORT SUDÂN	70	9	30	02	0	0	—	9.3	31	84	28												
North Sudan	600	WÂDI HALFA	60	7	30	01	1	5	Cs	6.3	43	7	0												
	640	ABU HAMAD	50	3	30	02	0	0	—		43	7	0												
	660	KAREIMA	80	7	30	02	0	0	—	4.4	43	8	1												
	680	ʻATBARA	70	9	30	08	0	1	Cu	2.5	43	5	-6												
	721	KHARTUM	320	5	30	03	0	1	Cu	2.5	42	11	5												
	730	KASSALA	310	4	30	03	2	6	Cu,AC	1.3	42	18	13												
Central Sudan	751	WAD MEDANI	310	9	35	02	2	8	Cu	0.6	41	16	10												
	801	RENK	310	9	35	02	0	4	AC		40	32	20												
	802	ROSEIRES																							
	771	EL OBEID	00	0	30	03	0	1	AC	2.7	40	11	4												
	760	EL FÂSHER	150	14	15	02	0	0	—		40	14	8												
	770	GENEINA	110	15	30	02	0	0	—		39	8	-1												
S. Sudan	840	MALAKÂL	170	3	30	03	2	7	Cu	3.5	39	24	15												
	860	WÀU	250	6	30	01	2	5	Cu,Ac	4.6	37	35	19												
	941	JUBA																							

At 0600 on Sunday 26th April, 1953

Wind Direction	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.	Station
290	9	15	01	2	4	Sc	15.8	+2.3	18	21	-5			60	10	0	37		SALUM
310	9	14	02	1	4	Ac	16.3		18	20		15		60	10	0	109		SÎDI BARÂNI
310	8	18	02	2	7	Sc	15.5	+1.1	18	21		12		68	12	0	52		MATRÛH
340	9	15	03	2	6	Sc	15.7		18	22		11		73	13	0	95		EL DABʻA
		50	03	1	5	Cu	15.9	+1.7	18	21	-3	16	0	73	13	0	125	183	ALEXANDRIA
330	4	12	03	1	5	Cu,Sc	15.7	+0.5	18	24	0	14	0	78	14	0	122	138	Alex (Airport)
340	5	7	03	1	5	Cu	15.0	+1.0	19	27	-1	13	-2	73	14	0	56	103	DAMIETTA
10	6	12	01	0	2	Cu	14.6	-0.1	19		0	16	-1	73	14	0	61		PORT SAʻÎD
350	2	30	03	1	4	Cu	13.3	-0.5	20			12		73	15	0	46		EL ʻARISH
360	9	15	02	1	1	Cu	15.2	+1.1	18	27	-1	15	+2	73	13	0	43	98	DAMANHÛR
320	3	15	00	0	0	—	15.0	+0.8	19	28	-1	14	+1	73	14	0	48	52	MANṢÛRA
00	0	35	01	1	4	Cu	14.7	+0.4	19	29	-1	12	-1	73	14	0	18	40	TANTA
00	0	35	02	0	0	—	14.6	+0.3	20	32	+2	12	-1	73	15	0	29	26	ZAGAZIG
360	2	35	01	0	0	—	14.3		20	31		13		64	13	0	32		ISMAÎLIA
20	3	12	01	0	1	Cu	14.7		18	32		13		78	14	0	7		Cairo (Airport)
30	5	14	03	0	1	Sc	14.9	-0.1	17	32	+2	15	0	72	12	0	8		ALMÀZA
										33	+3							29	EZBEKÎYA
350	3	10	00	0	0	—	15.1	+1.1	18	32	+2	12	0	73	13	0	43	29	GÎZA
360	6	15	02	0	0	—	15.1	+1.5	19	32	+2	16	+1	64	12	0	3	27	HELWÂN
360	8	35	02	0	0	—	15.1	+1.4	19	35	+3	16	+2	64	12	0	14	8	FAIYÛM
360	11	8	02	0	0	—	14.3	-0.7	20			14	0	53	10	0	1		MINYA
270	6	12	02	0	0	—	13.7	+0.7	22	40	+8	17	+1	41	8	0	2		ASYÛT MANQABÂD
320	2		00	0	0	—	11.8	-0.5	24	41	+7	20	+5	54	14	0	0.3		NAGʻ HAMMÂDI
270	10	35	00	0	0	—	10.4	-1.2	31	42	+6	22	+4	43	17	0	2		QENA
00	0	30	02	0	0	—	10.7	-1.3	33	+3		23		32	14	0	1		LUXOR
340	3	50	03	2	4	AC	10.7	-1.0	31	43	+6	26	+5	31	12	0	2		ASWÂN
30	8	12	00	0	0	—	17.9	+3.0	18	32	+1	14	+1	68	12	0	2	8	SÎWA
360	2	35	02	0	0	—	15.9	+1.6	18	36	+4	14	0	83	15	0	dr.	7	BAHARÎYA
320	5	35	00	0	0	—	15.8		24	37		16		26	3	0	1		FARAFRA
340	15	50	00	0	0	—	14.7	+1.5	24	41	+6	20	+4	26	3	0	0		DAKHLA
360	9	7	00	0	0	—	12.4	-0.1	24	42	+7	22	+4	38	9	0	dr.		KHARGA
360	4	35	00	0	0	—	13.8	+0.2	20	32	+2			73	15	0	45	16	SUEZ
310	5	35	02	0	0	—	10.8	-0.8	24	30	+1	21	+3	61	16	0	Rain	13	TÔR
320	20	18	02	0	0	—	10.6	-1.8	24	29	+3	20	+3	47	12	0	7		HURGHADA
330	5	15	02	0	0	—	9.8	-1.8	26	28	-1	22	+1	48	14	0	12	4	QUSEIR
170	3	50	02	0	1	Sc	8.5		31	33		20		59	22	0			PORT SUDÀN
350	18	15	07	0	1	AC	11.0		30	43		24		18	3	0			WÂDI HALFA
00	0	30	02	0	1	Ci			31	43				24	8	0			ABU HAMAD
120	10	30	03	0	1	CS	9.0		32	44		25		26	10	0			KAREIMA
160	6	10	04	0	0	—	8.6		33	44		28		28	12	0			ʻATBARA
130	8	30	02	0	0	—	8.1		33	43		27		32	14	0			KHARTÛM
180	5	30	01	0	1										18	0			KASSALA
																			WAD MEDANI
																			RENK
130	5	35	02	0	5	Cc	11.0		25			24		61	17	dr.			ROSEIRES
40	17	30	01	1	1	AC	6.4		33	41		24		9	-4	0			EL OBEID
40	2	30	02	0	0	—			30	41		23		18	3	0			EL FÂSHER
60	5	30	02	0	0	—			25	40		20		18	-1	0			GENEINA
																			MALAKÂL
																			WÀU
360	12	30	03	1	7	Ac,Ci	10.6		28	37		25		66	21	dr.			JUBA

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	60	-8
Ezbekiya		
Giza	43	-11
Helwan	38	-1

GÎZA GRASS MINIMUM TEMP ON 26th 10.8 °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 — Cairo Airport, On 25th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	26		30	25
950					
900					
850	1491	12		220	7
800					
700	3093	-8		250	35
600					
500	5720	-15		270	54
400	7370	-27		270	69
300	9382	-42		270	82

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

Height m.	S.Barani Dir.	Vel.	Matrah Dir.	Vel.	Alex.A.P. Dir.	Vel.	PortSaid Dir.	Vel.	ElArish Dir.	Vel.	Almaza Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Aswan Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Hurghada Dir.	Vel.	Siwa Dir.	Vel.
Time	14		14		14		14		14		14		14		14		14		14		14		14		14	
300	340	18	350	9	20	12	360	16	20	18	340	10	290	13	320	11	200	4	290	21	190	23	150	2	[illegible]	
600	330	19	340	12	10	12	350	19	350	17	340	10	280	10	320	16	230	7	290	25	200	28	150	2	330	
1000	320	12	320	9	340	8	320	16	310	15	350	5	280	6	320	17	230	9	280	20	200	29	190		[illegible]	4
1500	310	21	290	20	250	24	250	15	270	17	240	4	300	9			230	8					180		[illegible]	17
2000	300	28	320	17	270	23	250	32	260	25	260	11	310	6									270	3	[illegible]	6
3000	300	28			270	22	270	40	260	42	260	43													3	
4000											260	38														
5000																										
6000																										
7000																									290	33
8000																										

UPPER WIND OBSERVATIONS on 26th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Alex Airport Dir.	Vel.	Port Saʻîd Dir.	Vel.	El ʻArîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farafra Dir.	Vel.
Time	8		4		2		3		7		7	30	8		8						8		8	
300	310	7	310	13	10	10	350	5	10	5	340	10	350	10	330	8					340	19	20	13
600	320	17	310	12	300	10	10	5	340	5	350	5	350	9	340	10					310	14	10	18
1000	320	14			320	12	360	6	290	6	30	10	30	3	330	19					320	12	340	16
1500	320	14					320	6	240	7	360	16	10	10	300	14					260	22	350	15
2000	310	23					310	9	250	15	310	20	350	16	290	14					250	22		
3000									270	26					270	21								
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	7	30	8		8														4		4		4	
300	60	4	330	14	10	22																		
600	40	2	340	16	360	24																	250	8
1000	310	13	330	20	360	25													20	21	20	25	260	10
1500	310	23	330	16															30	22	340	19		
2000	320	32	320	28																				
3000	320	33																	350	6	60	15		
4000	320	31																	330	2				
5000																			220	5				
6000																			190	4				
7000																								
8000																								

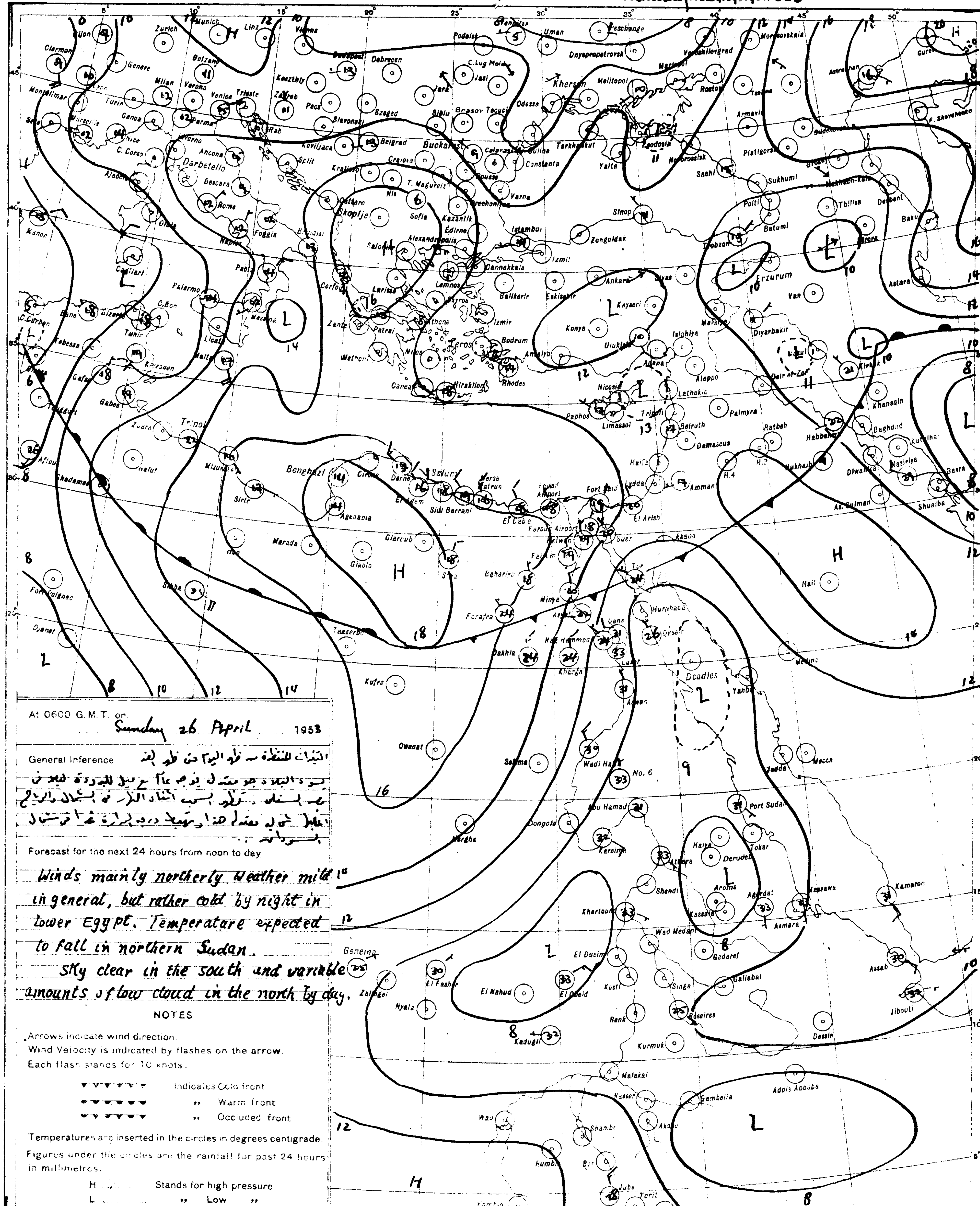
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note All times are G.M.T.

Annual Subscription P.T. [illegible]

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 26/4/1953



At 0600 G.M.T. on Sunday 26 April 1953

General Inference

التيارات المنتظرة سه فوق اليوم من طرق لقد
سود البلاد جو معتدل يتوج عام يميل للبرودة ليلا في
الوجه البحري. وتكون السحب أثناء النهار في الشمال والرياح
شمالية معتدلة هذا ويتوقع درجة الحرارة غدا في شمال
السودان.

Forecast for the next 24 hours from noon to day.

Winds mainly northerly Weather mild in general, but rather cold by night in lower Egypt. Temperature expected to fall in northern Sudan.

Sky clear in the south and variable amounts of low cloud in the north by day.

NOTES

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

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the 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 16 G.M.T.

" " Sunset 16 29 G.M.T.

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

Form 7F

DAILY WEATHER REPORT

Date : Monday 27th April, 1953

At 1200 on Sunday 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	9		01	0	0	—	17.5	20	73	15
	303	SÎDI BARÂNI	320	10	16	02	0	1	Cu	17.5	20	64	13
	306	MATRÛH	330	9	18	01	1	3	Sc	16.9	20	60	12
	309	EL DABʿA	340	6	35	01	1	3	Cu	16.6	21	50	10
		ALEXANDRIA	330	18	50	02	2	6	Cu	16.4	20	64	13
	318	Alex (Airport)	320	10	18	03	1	3	Cu	16.5	22	74	17
	330	DAMIETTA	320	5	35	01	1	3	Cu	15.8	20	64	13
	333	PORT SAʿÎD	340	11	30	02	0	1	Cu	15.5	20	69	14
	336	EL ʿARISH	350	6	30	03	0	3	—	14.0	20	64	13
LOWER EGYPT	339	DAMANHUR	310	9	15	02	1	1	Cu	15.8	25	42	11
	342	MANṢURA	360	5	35	03	2	5	Cu	15.1	25	42	11
	348	TANTA	310	8	35	03	2	5	Cu	15.8	24	47	12
	354	ZAGAZIG	320	1	50	02	1	4	Cu	14.7	27	42	13
	440	ISMAʿILÎA	360	5	35	03	1	5	Cu	14.7	26	42	12
CAIRO AREA	366	Cairo (Airport)	340	9	18	03	2	5	Cu	14.9	24	41	10
	372	ALMÀZA	320	8	30	03	1	4	Cu	14.5	24	38	9
		EZBEKÎYA	350	3?	18	03	0	4	Cu	14.6	26	40	11
		GÎZA	350	3?	18	03	0	4	Cu	14.6	26	40	11
	378	HELWÂN	290	17	15	03	1	1	Cu	15.1	25	34	8
UPPER EGYPT	381	FAIYÛM	360	8	35	02	0	0	—	15.6	27	33	9
	387	MINYA	350	14	10	02	0	0	—	14.3	30	25	8
	393	ASYUT MANQABÂD	330	16	18	02	0	0	—	12.7	30	16	1
	399	NAGʿ HAMMADI	220	3	7	00	0	0	—	11.0	33	30	13
	402	QENA	270	2	50	00	0	0	—	7.5	38	27	16
	405	LUXOR	290	7	30	02	0	0	—	7.6	35	25	12
	414	ASWAN	290	6	50	01	1	2	AC	7.6	39	21	13
OASES	417	SÎWA	300	6	14	02	0	1	Ci	18.2	27	28	7
	420	BAHARÎYA	360	2	35	02	0	0	—	14.6	27	52	16?
	423	FARAFRA	320	20	35	00	0	0	—	15.6	29	23	6
	432	DAKHLA	340	26	7	34	3	0	—	13.4	30	16	1
	435	KHARGA	360	9	15	00	0	0	—	11.6	32	24	9
RED SEA	452	SUEZ	360	4	50	03	0	1	Cu	13.5	27	27	6
	459	TÔR	310	13	35	02	0	0	—	10.1	30	35	13
	462	HURGHÀDA	340	20	30	02	0	0	—	9.6	26	62	18
	465	QUSEIR	20	13	15	02	0	0	—	9.5	28	58	19
	641	PORT SUDÂN	80	7	30	02	0	2	Cu	6.6	37	53	26
NORTH SUDAN	600	WÂDI HALFA	20	13	30	01	2	2	AC	7.9	39	11	3
	640	ABU HAMAD	90	1	30	03	0	1	Cu		42	8	1
	660	KAREIMA	40	5	30	03	0	2	Cu	3.0	43	9	4
	680	ʿATBARA	110	3	30	03	0	2	Cu	4.2	41	17	11
	721	KHARTUM											
	730	KASSALA	310	1	30	03	0	2	Cu, Ac				15
CENTRAL SUDAN	761	WAD MEDANI	230	9	35	02	1	8	Cu	2.2	40	20	13
	801	RENK											
	802	ROSEIRES	130	5	35	02	1	4	CS				
	771	EL OBEID	70	9	30	03	1	5	Sc, Cu	1.2	41	17	11
	760	EL FÂSHER	40	7	30	02	0	1	Cu		40	8	0
	770	GENEINA	360	1	30	02	0	0	—		40	8	0
S. SUDAN	840	MALAKÂL	70	7	30	02	6	3	AS				
	880	WÂU	50	3	30	03	2	7	Cu, AC	4.2	37	27	15
	941	JUBA	360	8	30	03	2	7		6.7			20

At 1800 on Sunday 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	90	5	15	00	0	0	—	17.4	17	77	13	0
SÎDI BARÂNI	350	4	14	03	0	3	Cu	17.6	17	83	14	0
MATRÛH	320	5	15	01	1	1	Sc	17.6	17	83	14	0
EL DABʿA	340	4	7	00	0	0	—	18.0	17	68	11	0
ALEXANDRIA	50	13	35	00	0	0	—	18.6	17	68	11	0
Alex (Airport)	00	0	12	01	1	0	—	17.8	17	72	12	0
DAMIETTA	320	2		01	1	1	Cu	16.8	18	83	15	0
PORT SAʿÎD	340	12	15	03	0	3	Cu	17.0	17	73	14	0
EL ʿARISH	350	5	18	02	1	3	Cu, Sc	16.2	18	73	13	0
DAMANHUR	310	5	15	02	1	1	Cu	17.8	17	68	11	0
MANṢURA	20	5		03	2	5	Cu	17.1	19	64	12	0
TANTA	360	2	35	01	1	4	Cu	17.4	18	83	15	0
ZAGAZIG	00	0	35	02	1	0	—	16.7	18	73	13	0
ISMAʿILÎA	20	5	35	01	0	0	—	16.6	19	64	12	0
Cairo (Airport)	360	18	12	00	1	3	—	17.3	20	60	12	0
ALMÀZA	10	11	12	01	1	1	Cu	16.7	20	53	10	0
EZBEKÎYA	30	5?	10	00	1	0	—	17.4	22	50	11	0
GÎZA	30	5?	10	00	1	0	—	17.1	19	64	12	0
HELWÂN	340	15	15	01	0	0	—	16.6	20	56	11	0
FAIYÛM	360	4	35	02	0	0	—	16.6	22	44	9	0
MINYA	360	5	8	02	0	0	—	14.8	20	53	10	0
ASYUT MANQABÂD	360	2	8	02	0	0	—	14.5	23	34	6	0
NAGʿ HAMMADI	220	2		00	0	0	—	11.5	26	37	10	0
QENA	270	2	7	00	0	0	—	10.8	29	35	12	0
LUXOR	290	7	12	02	0	0	—	11.1	27	27	8	0
ASWAN	360	7	15	00	0	0	—	9.7	37	18	9	0
SÎWA	00	0	10	03	0	6	CS	12.[illegible]	24	30	5	0
BAHARÎYA	00	0	15	02	0	0	—	16.2	26	45	13	0
FARAFRA	360	5	15	00	0	0	—	16.8	27	22	3	0
DAKHLA	340	11	35	00	0	0	—	13.3	27	15	-2	0
KHARGA	360	4	15	00	0	0	—	12.8	27	14	-3	0
SUEZ	360	7	15	03	0	3	Cu	16.0	20	64	13?	0
TÔR	310	5	15	02	0	0	—	11.9	27	27	6	0
HURGHÀDA	320	25	12	02	0	0	—	11.5	26	40	11?	0
QUSEIR	360	13	15	02	0	0	—	10.7	26	62	18	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʿATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 27th April, 1953

Station	Wind 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	110	5	7	00	0	0	—	18.3	+4.9	17	21	-5	14	0	77	13	0	37	
SÎDI BARÂNI	140	8	14	02	0	4	Ci	19.1		17	20		10		72	12	0	109	
MATRÛH	80	2	14	01	2	5	Sc, Ci	19.3	+5.0	18	21		13		73	13	0	32	
EL DABʿA	10	4	15	01	1	3	Cu	19.2		17	22		14		64	12	0	95	
ALEXANDRIA	60	9	50	03	1	6	Cu, Ci	20.2	+6.0	19	22	-2	16	0	73	14	0	125	183
Alex (Airport)	00	0	18	02	1	6	Sc	19.9	+4.8	19	22	-2	15	+1	68	13	0	122	138
DAMIETTA	360	2	7	03	1	5	Cu	19.8	+5.8	19	21	-3	15	0	73	14	0	56	103
PORT SAʿÎD	10	7	18	01	1	3	Cu	20.1	+5.5	20	21	-2	17	0	69	14	0	61	
EL ʿARISH	350	2	30	02	1	3	Cu	19.5	+5.8	20	22		13		64	13	0	46	
DAMANHÛR	40	9	15	02	1	2	Cu	19.6	+5.6	17	26	-2	14	+1	77	13	0	43	98
MANSÛRA	40	3	15	02	1	3	Cu	20.3	+6.1	19	25	-4	14	0	73	14	0	48	52
TANTA	220	2	35	03	2	5	Cu	19.1	+4.9	19	26	-4	11	-2	73	14	0	18	40
ZAGAZIG	320	1	35	02	0	0	—	19.5	+5.2	19	28	-2	11	-2	73	14	0	29	26
ISMAʿILÎA	360	2	35	03	1	4	Cu	19.8		20	27		13		64	13	0	32	
Cairo (Airport)	70	11	14	03	1	4	Cu	20.0		19	27		12		68	13	0	7	
ALMÀZA	30	7	14	03	1	3	Cu, Ci	19.7	+4.8	17	26	-4	13	-3	72	12	0	8	
EZBEKÎYA	70	3	10	02	1	5	Cu	19.4	+5.4	17	27	-3	14	-1	64	12	0	15	24
GÎZA	70	3	10	02	1	5	Cu	19.9	+5.9	20	27	-3	14	+2	64	13	0	43	24
HELWÂN	20	11	15	02	0	1	Cu	19.8	+6.2	18	26	-4	14	-1	60	10	0	3	27
FAIYÛM	360	8	35	02	0	1	Cu, Sc	19.8	+6.1	19	26	-4	14	-1	64	12	0	14	8
MINYA	20	11	8	03	1	2	Ci	18.9	+4.0	19	30	-2	13	-1	60	11	0	1	
ASYÛT MANQABÂD	360	8	14	03	1	2	Ci	18.3	+5.4	20	31	-2	14	-2	53	10	0	2	
NAGʿ HAMMÂDI	320	1		01	0	7	Sc, Cu	16.2	+4.0	23	34	0	16	+1	44	10	0	0.3	
QENA	270	2	35	00	0	0	—	15.9	+4.3	25	38	+1	15	-3	47	13	0	2	
LUXOR	310	11	18	03	0	1	Ci	15.5	+3.6	24	38		19		41	10	0	1	
ASWAN	340	10	15	09	3	0	—	15.5	+3.8	25	40	+3	21	0	42	11	0	2	
SÎWA	120	7	14	03	0	6	CS	19.1	+4.2	18	29	-2	14	+1	60	10	0	2	8
BAHARÎYA	40	1	35	02	1	2	Cu	20.0	+5.8	18	29	-3	13	-1	73	13	0	dr.	7
FARAFRA	20	5	35	02	1	6	CS	19.8		18	30		14		52	8	0	1	
DAKHLA	340	25	50	01	1	3	Ci	19.1	+6.0	21	32	-3	18	+2	41	7	0	0	
KHARGA	360	9	15	02	2	3	Ci	17.4	+5.0	20	32	-3	18	0	56	11	0	dr	
SUEZ	40	2	35	00	0	4	Cu	19.8	+6.3	20	27	-3			64	13	0	45	16
TÔR	310	19	35	01	1	2		16.6	+5.0	22	33	+4			57	13	0	Rain	13
HURGHADA	320	26	18	02	0	0	—	15.6	+3.3	21	28	+2	18	+1	61	13	0	7	
QUSEIR	360	19	15	02	0	0	—	14.8	+3.3	23	28	-1	22	+1	65	16	0	12	4
PORT SUDÂN																			
WÂDI HALFA	10	14	30	02	0	0	—	14.4		25									
ABU HAMAD	360	11	10	07	0	1	AC			30						1	0		
KAREIMA																			
ʿATBARA	350	9	10	05	1	1	AC	8.0		31	43		26		15	1	0		
KHARTÛM	300	3	30	02	0	1	AC	8.4		32	43		26		41	17	0		
KASSALA	00	0	30	02	2	7	AC, CS	8.2		30	40		24		46	17	0		
WAD MEDANI	360	9	35	02	0	2	CS	10.6		29			20		32	18	3		
RENK																			
ROSEIRES	230	1	35		1	3	Cu	9.4		30					49	18	0		
EL OBEID	280	9	30	02	1	5	CS	7.0		29	42		24		44	17	0		
EL FÂSHER	30	1	30	02	0	0	—			27	43		22		58	18	0		
GENEINA	50	7	7	06	0	0	—			27	41		24		14	-3	0		
MALAKÂL																			
WÂU	110	4	30	02	2	6	AC	10.2		24	38		22				dr.		
JUBA	180	6	50	01	5	3	AC, Cc	10.8		25			21		42	11	11		

HUMIDITY % Mean of day

Station	on 26th	Diff. from normal
Alexandria	64	0
Ezbekiya	53	+1
Giza	65	+11
Helwan	56	+17

GÎZA GRASS MINIMUM TEMP. on 27th 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

Cairo AIRPORT — On 26th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	132	26		350	11
950					
900					
850	1529	13		310	11
800					
700	3132	7		300	26
600					
500	5815	-11		280	43
400	7506	-21		280	58
300	9566	-37		280	73
200	12240	-57			

Khartum AIRPORT — On 27th At 05h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950		24		300	27
900	1008	28		340	17
850	1515	25		360	19
800	2045	22		20	20
700	3179	13		80	12
600	4450	2		60	14
500	5895	-6			
400	7602	-17		330	41
300	9699	-31		290	

AIRPORT — On At

Pressure 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		Matruh		Alex. A.P.		Port Said		El Arish		Minya		Asyut		Aswan		Siwa		Dakhla		Hurghada		Kharga			
Time	14		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	16	330	15	340	18	340	16	330	16	350	12	340	29	320	12	340	8	350	17	340	23	360	20		
600	330	14	330	17	330	24	330	16	310	17	340	14	340	42	300	25	340	10	350	23	340	42	360	24		
1000	330	14	320	16	340	29	320	16	290	17	340	16	340	17	300	12	330	14	360	26	330	26	360	27		
1500	330	19	310	16			280	23	260	17			350	26	290	17	340	22			300	25				
2000	330	26					280	20	270	17					280	8	330	28			280	24				
3000	320	36							270	31							340	33								
4000																	330	53								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	SÎDI BARÂNI		MATRÛH		Alex AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÀN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	8		8		8		8				7 45		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	150	12	90	6	20	5	360	10			40	20	10	14	360	23							40	6
600	170	10	90	7	70	4	10	8			30	31	40	12									40	6
1000	180	3	30	4	60	10	40	7			50	26	20	10	360	23							30	14
1500	350	9	330	12	40	10	40	7			50	30	10	13	360	23							360	19
2000	350	14	330	17	360	17	60	8					350	15	350	12							350	19
3000	330	16	340	10			80	6					330	16									340	22
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	7		8		8		8				3								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	60	10	10	10	10	13																
600	100	11	60	11	20	14	10	13															50	4
1000	60	7	50	10	20	23	20	23			30	25							270	15			170	2
1500	360	15	50	14	50	13	10	24			40	8							350	8	80	11	150	7
2000	360	14	40	14																				
3000	340	15									330	11							70	25	60	23	110	11
4000	310	21																						
5000	320	21									200	11												
6000											290	17									10	31	20	16
7000																								
8000																								

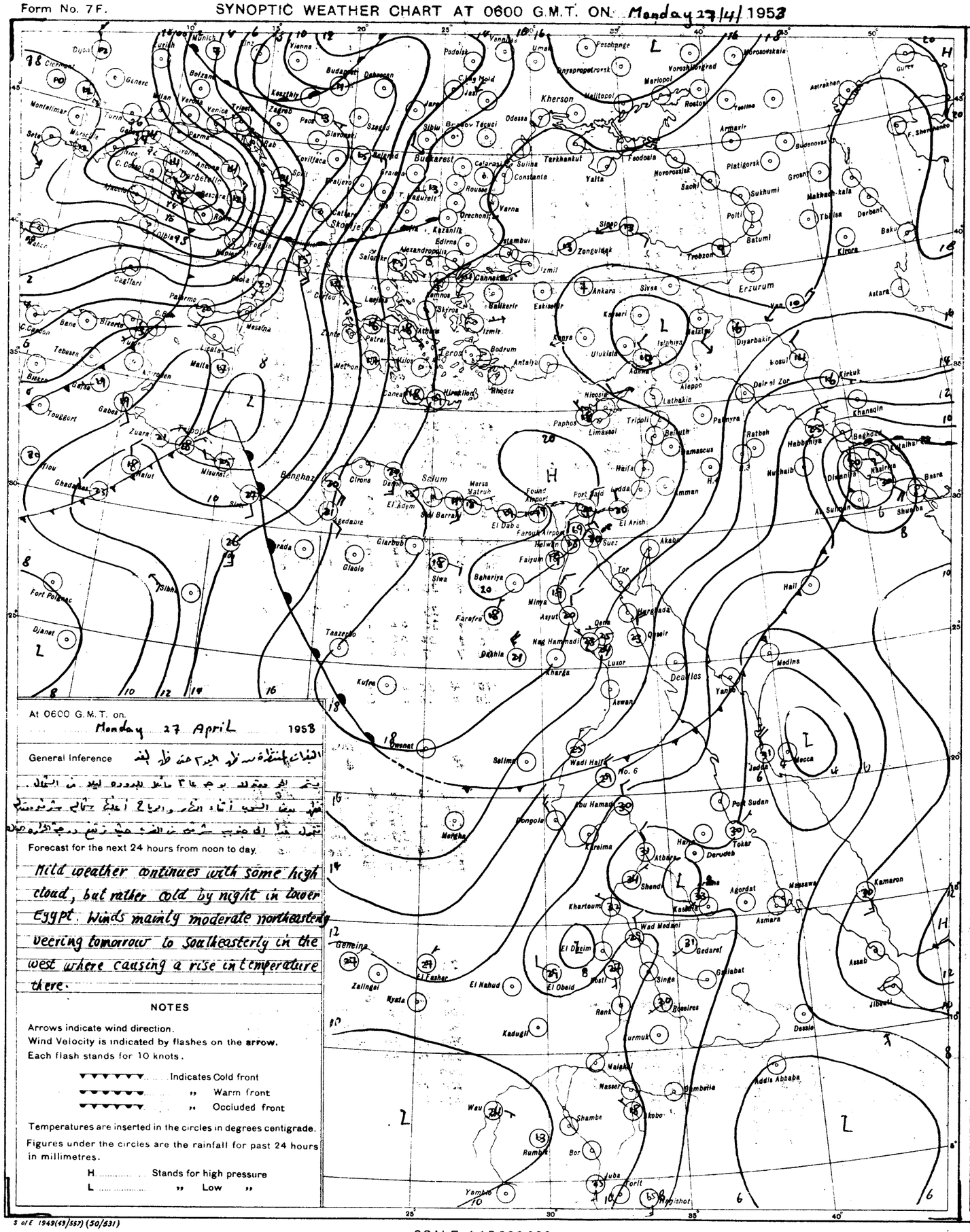
Remarks:
1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles).
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note All times are G.M.T.

Printed by the Survey of Egypt 1949 149,551 (53/531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 27/4/1953



At 0600 G.M.T. on Monday 27 April 1953

General Inference

الضغط المنخفض من الجو الدافئ ظل لفترة
يتحرك الجو حتى الآن بوجه عام ماعدا بالدوره ليلا من الشمال
فهو يبقى السحب أثناء النهار والرياح أغلب شمالي شرقية
تميل قليلا إلى جنوب شرقية من الغرب حيث ترتفع درجة الحرارة

Forecast for the next 24 hours from noon to day.

Mild weather continues with some high cloud, but rather cold by night in lower Egypt. Winds mainly moderate northeasterly veering tomorrow to southeasterly in the west where causing a rise in temperature there.

NOTES

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

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

Temperatures are inserted in the 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 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: Tuesday 28th 1952 3

At 1200 on Monday 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	SALÛM	110	9	35	03	2	6	CS	16.8	24	54	14
	303	SÎDI BARÂNI	80	12	35	02	0	2	Ci	17.2	21	65	14
	306	MATRÛH	40	11	30	01	1	2	Ci	17.9	23	57	14
	309	EL DAB'A	70	6	35	01	1	2	Cu	17.9	21	57	12
		ALEXANDRIA	60	6	50	03	2	7	Sc, Cs	19.1	20	64	13
	318	FÛKA (Airport)	360	5	18	02	2	6	CS	18.5	22	61	14
	330	DAMIETTA	20	2	35	01	1	2	Cu	19.0	21	74	16
	333	PORT SA'ÎD	30	9	30	02	0	2	Cu	19.1	22	65	15
	336	EL 'ARISH	30	4	30	01	1	0	—	17.8	21	57	12
Lower Egypt	339	DAMANHUR	40	5	15	02	1	2	Ci	18.2	25	47	13
	342	MANŞURA	360	3	35	02	1	2	Cu	18.0	26	37	10
	348	TANTA	360	2	35	03	2	6	Cu, Ci	16.4	26	42	12
	354	ZAGAZIG	320	1	50	02	0	0	—	18.0	26	42	12
	440	ISMA'ILIA	20	2	35	03	1	3	Cu	17.5	25	34	8
Cairo Area	366	FÂRÛQ (Airport)	90	12	14	03	2	5	Ac, Ci	17.1	25	39	10
	372	ALMÂZA	40	11	30	02	2	4	Ci	16.9	26	30	7
		EZBEKÎYA	40	2	18	03	1	6	Ci	17.0	26	37	10
		GÎZA	40	2	18	03	1	6	Ci	17.1	26	37	10
	378	HELWÂN	20	5	35	03	1	5	Ci	17.0	26	25	4
Upper Egypt	381	FAIYÛM	360	8	35	02	2	6	Ci	16.7	27	33	9
	387	MINYA	350	15	10	02	1	2	Ci	15.5	29	20	4
	393	ASYÛT MANQABÂD	340	10	30	02	1	2	Ci	13.9	31	10	-4
	399	NAG' HAMMÂDI	360	1	7	01	1	3	AC	11.8	34	18	6
	402	QENA	270	1	50	03	1	3	Ci	12.0	34	32	15
	405	LUXOR	330	9	30	02	1	2	Ci	11.9	33	8	-6
	414	ASWÂN	320	3	50	01	1	2	Ci	9.6	34	22	9
Oases	417	SÎWA	140	7	14	02	2	5	CS	18.6	28	23	5
	420	BAHARÎYA	40	2	35	02	2	2	AC	17.5	27	52	16
	423	FARAFRA	20	20	35	02	1	6	CS	17.3	28	22	4
	432	DAKHLA	50	9	35	01	1	3	Ci	14.3	29	19	3
	435	KHARGA	360	5	15	02	2	5	Ci	13.9	30	21	5
Red Sea	450	SUEZ	310	7	50	01	0	2	Cu	16.7	26	30	7
	459	TÔR	310	13	35	01	1	3	AC	15.0	24	69	18
	462	HURGHÂDA	350	11	30	02	0	0	—	14.6	24	41	10
	465	QUSEIR	360	13	15	02	0	0	—	13.1	25	58	16
	641	PORT SÛDÂN	40	13	30	02	0	0	—	9.7	31	66	24
North Sûdân	600	WÂDI HALFA		4	30	02	0	2		7.9	35	10	-1
	640	ABU HAMAD		4	30	02	0	0	—		41	7	-2
	560	KAREIMA	70		30	02	0	0	—	5.1	41	6	-4
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sûdân	751	WÂD MEDANI	130	5	35	01	1	3	CS	5.9	38	21	12
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	300	4	30	03	0	6	Sc	3.4	38	22	13
	760	EL FÂSHER	90		30	02	0	0	—		39	8	-2
	770	GENEINA	40	15	10	05	0	0	—		38	6	-5
S. Sûdân	840	MALAKÂL	230	4	30	00	2		Cu, AC	5.1	36	29	15
	880	WÂU	110	8		03	2	5	AC, Ci	5.0	36	29	15
	941	JUBA	20		50	03	1	5	Ns, AS		35	37	18

At 1800 on Monday 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
SALÛM	90	5	15	01	0	0	—	14.7	19	73	14	0
SÎDI BARÂNI	100	6	14	02	0	0	—	15.2	18	73	13	0
MATRÛH	90	6	18	01	1	0	—	15.5	17	88	15	0
EL DAB'A	70	4	7	01	1	1	Cu	17.0	17	77	13	0
ALEXANDRIA	60	14	50	00	0	0	—	18.7	18	83	15	0
FÛKA (Airport)	30	8	12	02	1	5	Cu, Ci	17.8	18	78	14	0
DAMIETTA												
PORT SA'ÎD	40	10	18	02	0	1	Ci	17.9	19	78	15	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	18.0	18	73	13	0
MANŞURA	40	5		03	2	6		17.9	19	73	14	0
TANTA	360	2	35	01	2	4	Cu	17.2	20	73	15	0
ZAGAZIG	320	6	35	02	0	0	—	17.2	19	73	14	0
ISMA'ILIA	20	5	35	03	2	8	AC	16.0	19	64	12	0
FÂRÛQ (Airport)	70	17	12	01	2	4	Ci	16.1	21	65	14	0
ALMÂZA	50	11	12	01	1	2	Ci	16.0	22	47	10	0
EZBEKÎYA	70	8	10	01	2	2	Ci	16.5	22	50	11	0
GÎZA	70	8	10	01	2	2	Ci	16.4	22	50	11	0
HELWÂN	20	16	15	01	1	1	Ci	16.2	22	44	9	0
FAIYÛM	00	0	35	01	1	4	Ci	14.7	23	38	8	0
MINYA	350	4	8	02	1	0	—	14.6	20	46	8	0
ASYÛT MANQABÂD	280	12	12	01	1	1	Ci	13.3	22	36	6	0
NAG' HAMMÂDI	00	0		00	1	0	—	12.0	24	54	14	0
QENA	00	0	7	00	0	0	—	11.0	22	57	13	0
LUXOR	240	3	12	01	1	1		10.9	27	13	-4	0
ASWÂN	360	3	50	01	1	3	AS	9.6	31	22	7	0
SÎWA	90	3	10	03	2	6	CS	16.3	25	26	4	0
BAHARÎYA	00	0	15	02	0	2	AC	15.8	23	44	10	0
FARAFRA	00	0	15	02	1	6	CS	15.7	24	26	3	0
DAKHLA	360	9	35	00	0	0	—	13.5	26	18	0	0
KHARGA	00	0	15	02	2	4		12.3	26	18	0	0
SUEZ	310	5	15	01	0	0	—	13.8	21	57	12	0
TÔR	310	5	15	03	1	4	AC	12.3	24	69	18	0
HURGHÂDA	330	14	12	03	1	4	CS	11.3	24	61	16	0
QUSEIR	330	5	15	02	0	0	—	10.0	23	61	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 Tuesday 28th April, 1953

Station	Wind 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	140	4	15	03	2	8	As	12.3	-1.1	22	25	-1	16	+2	83	19	0	37	
SÎDI BARÂNI	150	9	10	02	2	6	Cs	13.2		21	22		13		74	16	0	104	
MATRÛH	120	12	14	01	1	4	Ac, Ci	14.4	+0.1	20	24		11		78	16	0	52	
EL DAB'A	110	7	15	01	1	1	Cu	15.5		18	22		9		83	15	0	95	
ALEXANDRIA	110	16	50	03	1	4	Cu	16.8	+2.7	19	22	-3	15	-1	73	14	0	125	163
FÛKA (Airport)											22	-2							138
DAMIETTA	70	5	7	01	1	1	AC	17.2	+3.2	20			15	0	73	15	0	56	103
PORT SA'ÎD	80	11	14	01	1	1	Sc	17.3	+2.8	20	22	-1	17	-1	69	14	0	61	
EL 'ARISH	80	2	30	01	1	1	Ci	16.4	+1.7	19			12		73	14	0	46	
DAMANHÛR	40	13	15	02	1	1	Ci	17.2	+3.2	17	26	-2	13	-1	68	11	0	43	98
MANSÛRA	90	3	15	00	1	0	—	17.0	+2.6	20	27	-2	13	-1	73	15	0	48	52
TANTA	90	2	35	02	0	0	—	17.4	+3.2	17	27	-3	11	-2	88	15	0	18	40
ZAGAZIG	00	0	35	02	0	0	—	16.7	+2.4	18	28	-2	12	-1	73	13	0	29	26
ISMAILIA	70	5	35	03	1	3	Ci	16.4		19	26		12		64	12	0	32	
FÂRÛQ (Airport)	80	13	14	01	3	6	Cs	15.9		18	27		12		68	12	0	7	
ALMÂZA	40	11	12	03	0	4	Ci	15.7	+0.9	18	27	-4	13	-3	64	11	0	8	
EZBEKÎYA	20	2	10	01	1	2	Ci	15.4	+1.5	19	28	-2	14	-1	64	12	0	15	24
GÎZA	20	2	10	01	1	2	Ci	15.8	+1.9	20	28	-2	15	+3	56	11	0	43	24
HELWÂN	40	8	15	02	1	7	Ci	15.0	+1.5	21	27	-3	15	0	33	4	0	3	27
FAIYÛM	360	6	35	02	2	6	Ci	15.0	+1.4	20	28	-4	13	-2	46	8	0	14	8
MINYA	330	6	10	03	2	6	Cs	14.6	-0.2	18	30	-2	14	0	64	11	0	1	
ASYÛT MANQABÂD	280	4	12	03	1	7	Ac, Cs	14.5	+1.6	19	32	-1	15	-2	52	9	0	2	
NAG' HAMMÂDI	00	0		01	0	4	Sc	13.9	+1.7	20	35	+1	14	-2	56	11	0	0.3	
QENA	270	1	35	03	1	3	Ci	13.1	+1.6	27	36	-1	15	-3	42	13	0	2	
LUXOR	340	14	30	02	1	2	Ci	12.6	+0.8	24	34		16		28	4	0	1	
ASWÂN	360	4	50	01	1	3	Ci	12.2	+0.6	24	35	-2	19	-2	32	6	0	2	
SÎWA	90	5	14	02	1	3	Ci	15.2	+0.4	20	29	-3	14	0	43	7	0	2	8
BAHARÎYA	40	1	35	02	2	6	AC	16.0	+1.8	21	28	-4	16	+2	50	10	0	dr.	7
FARAFRA	00	0	35	02	1	6	Cs	15.9		20	30		16		41	6	0	1	
DAKHLA	340	15	50	01	1	4	Ci	15.4	+2.4	20	31	-4	16	-1	33	3	0	0	
KHARGA	00	0	15	02	1	2	AC	13.3	+1.0	22	31	-4	17	-1	44	9	0	dr.	
SUEZ	360	3	35	00	0	0	—	14.7	+1.2	19	27	-3			52	9	0	45	16
TÔR	310	4	35	01	1	6	Ci	12.8	+1.3	22	24	-5	15	-3	74	17	0	Rain	13
HURGHADA	320	18	18	02	0	0	—	12.2	+2.1	21	24	-2	17	-1	57	12	0	7	
QUSEIR	20	9	15	02	0	0	—	11.9	+0.5	24	26	-3	20	-1	47	12	0	12	4
PORT SÛDÂN																			
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA	50	7	30	02	0	0	—	9.3		24	42		23		11	-5	0		
'ATBARA	120	5	30	02	0	1	AC	7.7		32	43		25		34	14	0		
KHARTÛM	360	2	30	02	0	0	—	7.8		36	42		25		9	-2	0		
KASSALA	120	2	30	01	2	1	Cs	6.8		33	42		25		36	16	3		
WÂD MEDANI	130	9	35	02	0	0	—	7.8		32	40		25		41	17	0		
RENK																			
ROSEIRES																			
EL OBEID	10	9	10	05	0	1	Ci	8.7		29	39		23		12	-3	dr.		
EL FÂSHER																			
GENEINA																			
MALAKÂL																			
WÂU																			
JUBA	310	7	30	21	6	8	Sc, Cu	11.8		23	36		23		89	21	2		

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	74	+5
Ezbekiya	54	+3
Giza	55	+1
Helwan	51	+12

GÎZA
GRASS MINIMUM TEMP
ON 28th 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

Almaza AIRPORT — On 27th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	149	24			
950					
900					
850	1537	12			
800					
700	3161	8			
600					
500	5865	-7			
400	7567	-19			
300	9642	-34			

AIRPORT — On At

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

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 27th

Station	Matruh		Alex. A.P.		Port Said		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga		Hurghada		S.Barani		Minya	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	9	30	12	20	9	40	6	350	15	350	14	350	13	120	6	360	11	10	17	350	19	110	10	10	19
600	40	8	40	12	30	9	40	5	350	14	350	15	340	12	120	9	360	7	10	22	330	19	150	9	20	19
1000	320	4	120	7	10	4	50	6	10	15	360	14	20	8	120	10	20	8	10	25	310	19	190	9	20	16
1500	190	6	70	5	60	3	10	9	20	11	360	19	260	10	30	4	20	20	10	29	300	26	10	7	10	7
2000			10	10	360	16	350	19			10	25	70	9	30	8	360	16					30	7	350	9
3000			360	15											340	13							320	7		
4000															310	13							300	16		
5000															300	16							300	25		
6000																							300	27		
7000																							300	42		
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sîdi Barâni		Matrûh		Alex Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	8		8						4		7 45		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.	Dir.	Vel.
300	160	23	120	10							50	24	350	4	290	12					300	7		
600	150	16	110	10					70	15	60	11	10	6	310	9					40	9	10	17
1000	130	17	120	9					70	15	60	25	40	4	350	6					100	6	60	16
1500	220	12	130	7					50	7	60	26	10	4	20	8					180	1	50	8
2000	270	14	290	11					20	2			30	6	340	10					190	6	30	12
3000	280	21	290	10									10	7									360	5
4000	290	19																					320	5
5000	260	25																						
6000																							250	16
7000																								
8000																							220	16

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8		4		3								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	22	40	3	350	5	10	11	10	11														
600	140	20	30	3	20	10	10	16	40	11													160	17
1000	160	15	40	6	20	20	20	12	50	15									20	17	360	8	200	7
1500	170	4	30	5	40	11	70	5	100	5	90	13							40	31	50	11	300	1
2000	270	10	10	6	20	15	20	20	160	7														
3000	260	10							270	2	220	7									80	4	40	3
4000	290	21																					50	17
5000	280	20							270	13	230	13												
6000									290	10	10	14									40	24		
7000																								
8000											130	17												

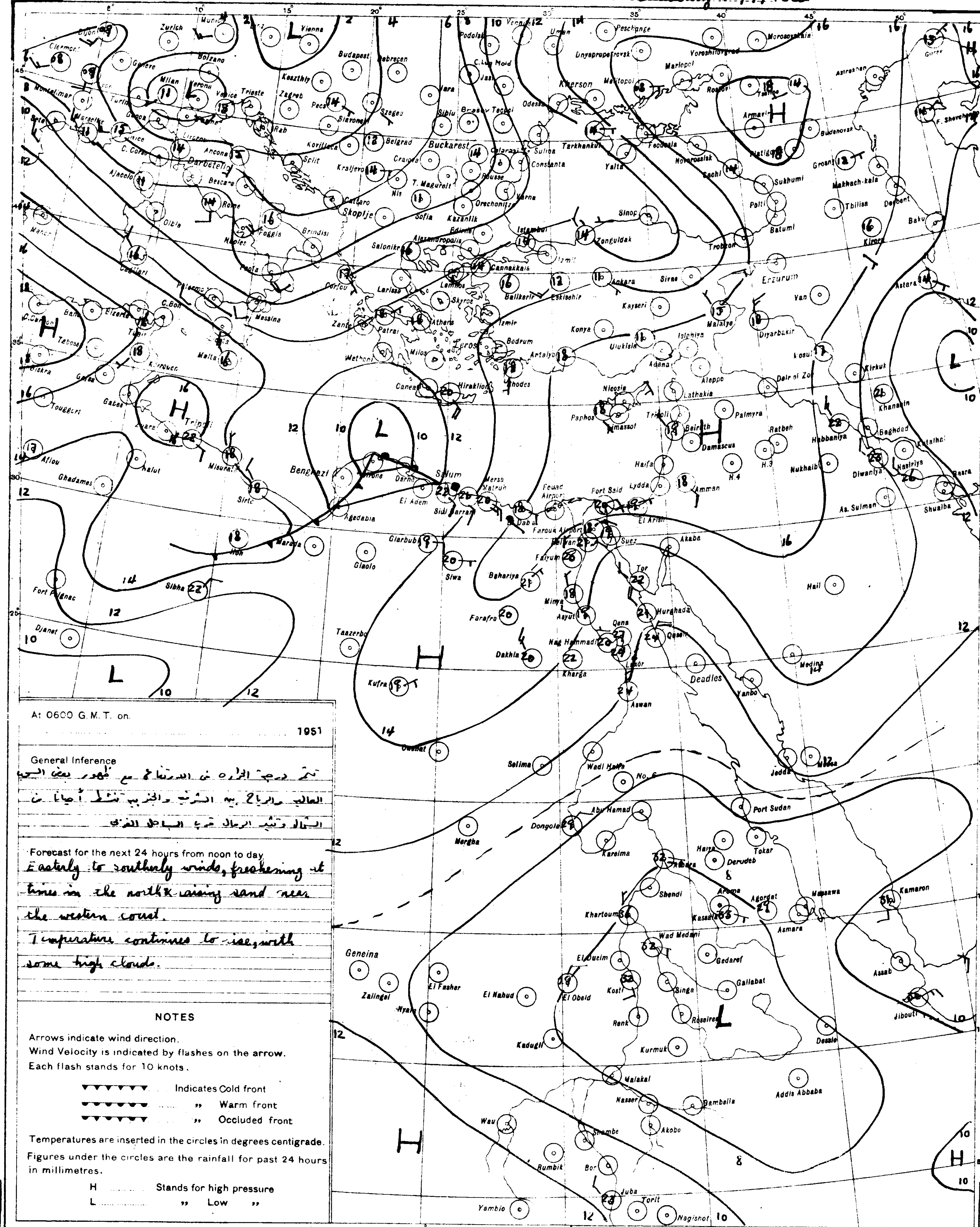
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 28/4/1952



At 0600 G.M.T. on. 1951

General Inference

تستمر درجة الحرارة في الارتفاع مع ظهور بعض السحب
العالي والرياح بين الشرقي والجنوبي تنشط أحياناً في
الشمال وتثير الرمال قرب الساحل الغربي

Forecast for the next 24 hours from noon to day

Easterly to southerly winds, freshening at times in the north & raising sand near the western coast.

Temperature continues to rise, with some high clouds.

NOTES

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

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

Temperatures are inserted in the 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	S
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	(S)
Mist	10	≡
Shallow fog	12	≡
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(ꓘ)
During past hour and not at time of observation: Squalls	18	∀
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	•∇]
,, ,, hail	27	△∇]
Fog	28	≡]
Thunderstorm	29	ꓘ]
Duststorm or Sandstorm	31	S
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	•∇
,, ,, hail	87	△∇
Rain / Thunderstorm during the past hour	91	ꓘ]•
Hail / Thunderstorm during the past hour	93	ꓘ]△
Thunderstorm with rain	95	•ꓘ
,, ,, hail	96	△ꓘ
,, ,, Sandstorm	98	Sꓘ

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 15 G. M. T.

" " Sunset 16 31 G. M. T.

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

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 29th April, 1952 3

At 1200 on Tuesday 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	140	9	35	02	1	2	Ci	10.7	32	38	16
	303	SIDI BARANI	80	16	18	01	2	1	Ci	12.1	24	54	14
	306	MATRUH	80	12	14	02	1	2	Ci	13.3	25	45	12
	309	EL DABA	70	6	35	02	1	4	Cu	14.0	22	57	13
		ALEXANDRIA	20	16	50	02	2	6	AC	15.0	21	74	16
	318	[illegible] (Airport)											
	330	DAMIETTA	20	5	35	03	1	5	AC, Ci	15.5	22	65	15
	333	PORT SA'ID	50	13	30	02	0	4	Ci	15.2	21	74	16
	336	EL 'ARISH	30	6	30	03	1	2	Ci	14.0	21	69	15
Lower Egypt	339	DAMANHUR	130	9	15	02	1	1	Ci	14.3	29	29	9
	342	MANSURA	40	3	35	03	2	6	As	14.7	28	33	10
	348	TANTA	110	5	35	01	1	2	Ci	14.2	29	29	9
	354	ZAGAZIG	40	1	50	02	1	3	Ci	14.0	29	29	9
	360	ISMA'ILIA	40	5	35	03	2	8	Ci	13.6	29	23	6
Cairo Area	366	[illegible] (Airport)	70	12	18	01	2	3	Ci	13.2	30	21	5
	372	ALMAZA	60	13	30	01	1	4	Ci	12.8	29	18	2
		EZBEKIYA	30	3	18	02	6	2	Ci	13.2	30	21	5
		GIZA	30	3	18	02	0	2	Ci	12.8	31	18	4
	378	HELWAN	20	8	15	02	1	3	Ci	13.6	31	12	-1
Upper Egypt	381	FAIYUM	00	0	35	01	1	3		13.4	32	15	2
	387	MINYA	360	4	12	02	2	6	Ci	12.0	30	24	7
	393	ASYUT MANGABAD	340	6	30	02	2	6	Cs	11.2	30	18	3
	399	NAG' HAMMADI											
	402	QENA	270	1	50	02	1	5	Ci	9.9	35	32	16
	405	LUXOR											
	414	ASWAN	340	6	50	03	2	4	AC	7.6	36	13	4
Oases	417	SIWA	150	5	14	01	1	3	Ci	13.4	32	13	0
	420	BAHARIYA	360	2	35	02	2	6	AC	13.3	30	16	1
	423	FARAFRA	360	5	35	02	1	6		13.1	30	25	8
	432	DAKHLA	340	4	35	01	2	4	Ci	11.4	33	12	0
	435	KHARGA	00	0	15	02	2	7	AC, Ci	10.6	34	18	6
Red Sea	450	SUEZ	00	0	35	03	0	6	Cu	12.8	31	22	7
	459	TOR	220	5	35	03	1	8	Cs	11.0	[illegible]	42	13
	462	HURGHADA	360	9	30	01	1	5	Ci	10.6	29	65	18
	465	QUSEIR	360	13	15	03	1	0		10.6	26	62	18
	541	PORT SUDAN	50	11	50	02	0	1	Cu	8.3	30	49	18
North Sudan	600	WADI HALFA	350	4	30	03	0	2	Ci	7.6	36	9	-2
	640	ABU HAMAD	00	0	30	02	0	0	—		40	19	12
	660	KAREIMA	320	4	30	02	0	0	—	3.5	41	6	0
	680	ATBARA	340	1	30	03	0	3	Cu	2.9	41	16	10
	721	KHARTUM	300	5	30	03	0	2	Cu	2.8	41	15	9
	730	KASSALA	220	1	30	03	1	4	Cu	2.1	39	21	13
Central Sudan	741	WAD MEDANI											
	801	RENK	230	9	35	02	2	6			39	36	21
	802	ROSEIRES	340	2	35	01		3	Cu	2.4	40		
	771	EL OBEID	90	12	30	02	0	0	—	2.3	39	12	4
	760	EL FASHER	120	3	15	02	0	0	—		38	11	3
	770	GENEINA	100	7	30	03	0	1	Cu		37	13	4
S. Sudan	840	MALAKAL	230	7	30	03	2	7	Cu, AC	5.6	37	31	17
	860	WAU	160	5	30	15	9	8	SC	8.4	27	70	21
	941	JUBA	310	8	30	01	2	6	Cb, Cs	7.7	30	59	21

At 1800 on Tuesday 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	90	5	15	03	1	5	Ci	8.3	27	42	13	0
SIDI BARANI	90	5	14	03	0	5	Ci	9.3	20	69	14	0
MATRUH	110	12	12	03	1	3	Sc, Cu	11.3	18	88	16	0
EL DABA	110	3	7	01	1	1	Cu	12.6	18	83	15	0
ALEXANDRIA	60	8	35	00	0	0	—	13.5	19	83	16	0
[illegible] (Airport)	40	3	14	01	2	3	Cc	12.8	19	78	15	0
DAMIETTA	40	5	7	03	1	7	Ci	13.5	20	73	15	0
PORT SA'ID	80	14	14	02	1	6	AC, Cs	13.4	20	73	15	0
EL 'ARISH	360	2	14	03	1	3	Cs	13.6	18	83	15	0
DAMANHUR	130	9	15	02	1	1	Ci	13.5	19	64	12	0
MANSURA	40	3		03	2	6	As	13.5	20	64	13	0
TANTA	90	5	35	01	1	4	Cu	13.1	21	57	12	0
ZAGAZIG	00	0	35	02	1	0	—	12.7	20	64	13	0
ISMA'ILIA	40	5	35	03	2	8	As	12.8	21	57	12	0
[illegible] (Airport)	70	17	12	02	2	6	Cs	12.2	23	36	7	0
ALMAZA	50	11	12	02	2	7	Ci	12.5	22	41	8	0
EZBEKIYA	20	3	10	03	0	4	Ci	12.6	23	41	9	0
GIZA	20	3	10	03	0	4	Ci	12.8	24	36	8	0
HELWAN	40	16	15	02	2	6	Cs	12.5	23	38	8	0
FAIYUM	00	0	35	03	2	6	Ci	11.8	26	30	7	0
MINYA	00	0	8	01	2	5	Ci	10.7	24	38	9	0
ASYUT MANGABAD	280	2	8	02	2	7	As	9.0	25	26	4	0
NAG' HAMMADI												
QENA	00	0	7	02	1	4	Ci	9.2	23	61	15	0
LUXOR												
ASWAN	00	0	50	01	1	3	Ci	8.3	33	16	4	0
SIWA	120	4	10	03	0	2	Ci	10.8	28	15	-1	0
BAHARIYA	00	0	15	02	2	0	—	12.3	24	32	6	0
FARAFRA	00	0	15	00	1	0	—	12.3	26	25	4	0
DAKHLA	340	9	35	00	0	0	—	10.8	27	15	-2	0
KHARGA	00	0	15	00	0	0	—	9.4	27	15	-2	0
SUEZ	310	3	15	03	0	7	Cu	11.6	24	32	6	0
TOR	310	5	15	03	1	8	As	11.0	23	44	10	0
HURGHADA	330	8	12	02	1	6	Ci	10.2	24	41	10	0
QUSEIR	20	9	15	01	1	0	—	10.6	24	54	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 Wednesday 29th April, 1953

Station	Wind 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	—	12.0	2.4	19	34	+8	16	+1	73	14	0	37	
SIDI BARANI	280	12	13	02	2	6	St	10.1		19	30		17		78	15	0	109	
MATRUH	320	5	30	02	0	0	—	9.6	-4.7	20	27		14		73	15	0	52	
EL DABA	162	10	15	03	0	0	—	9.5		20	26		13		56	11	0	15	
ALEXANDRIA	110	11	50	01	1	3	Ci	11.1	-3.0	20	25	0	17	+1	64	13	0	125	183
[illegible] (Airport)	100	10	18	02	1	4	AC	11.1	-3.8	20	23	-2	16	+1	78	16	0	122	138
DAMIETTA	140	5	35	01	1	4	AC, Ci	11.8	-2.1	21	23	-1	18	+2	74	16	0	56	103
PORT SA'ID	80	15	18	02	0	3	AC	11.9	-2.5	20	22	-2	18	0	78	16	0	61	
EL 'ARISH	100	5	30	01	2	5	As	11.0	-3.7	21	22		14		74	16	0	46	
DAMANHUR	130	13	15	02	1	1	Ci	11.8	-2.2	17	30	+2	13	-1	68	11	0	43	98
MANSURA	40	3	15	03	2	4	Cu	11.4	-2.7	22	29	0	15	+1	65	15	0	48	52
TANTA	90	8	35	01	1	2	Cu	11.1	-3.1	21	30	0	13	0	65	14	0	18	40
ZAGAZIG	40	3	35	02	0	0	—	11.4	-2.9	21	30	0	14	+1	74	16	0	29	26
ISMA'ILIA	40	5	35	01	1	6	AC	11.0		20	29		14		64	13	0	32	
[illegible] (Airport)	70	12	18	02	2	4	AC, Ci	10.9		20	31		15		56	11	0	7	
ALMAZA	40	12	14	02	1	3	AC, Ci	10.9	-3.8	22	30	-1	15	-1	88	7	0	8	
EZBEKIYA	40	2	10	02	1	4	Ci	10.2	-3.7	22	31	+1	15	0		10	0	15	24
GIZA	40	2	10	02	1	4	Ci	10.7	-3.2	22	31	+1	14	+2	44	9	0	43	24
HELWAN	40	5	7	01	1	5	AC, Ci	10.3	-3.2	24	32	+2	15	-1	26	3	0	3	27
FAIYUM	00	0	35	02	0	0	—	10.2	-3.3	22	33	+1	15	0	50	11	0	14	8
MINYA	00	0	8	02	0	0	—	9.7	-5.0	21	30	-2	12	-2	57	12	0	1	
ASYUT MANGABAD	00	0	12	00	1	0	—	10.0	-2.8	24	32	-1	18	+1	32	6	0	2	
NAG' HAMMADI	00	0		01	1	2	Ci	9.5	-2.6	30			15	-1	27	9	0	0.3	
QENA	270	1	35	00	0	0	—	9.5	-1.9	28	36	-1	15	-3	40	13	0	2	
LUXOR	00	0	30	02	1	1	Ci	9.3	-2.5	27			18		22	3	0	1	
ASWAN	340	6	50	00	0	0	—	9.1	-2.4	27	38	+1	20	-1	37	11	0	2	
SIWA	120	5	14	01	1	1	Ci	9.9	-4.9	21	34	+2	14	0	26	1	0	2	8
BAHARIYA	360	1	35	02	2	2	AC	10.6	-3.8	23	32	0	14	-1	61	15	0	dr.	7
FARAFRA	00	0	35	00	0	0	—	9.9		20	32		12		17	-6	0	1	
DAKHLA	110	11	50	00	0	0	—	10.3	-2.7	21	33	-3	15	-2	23	-1	0	0	
KHARGA	00	0	15	00	0	0	—	9.4	-2.8	25	34	-2	14	-4	28	5	0	dr.	
SUEZ	360	4	35	00	0	0	—	9.3	-4.1	23	34	+4			28	8	0	45	16
TOR	270	5	35	01	1	2	Ci	8.4	-3.1	23	28	-1	18	0	44	10	0	Rain	13
HURGHADA	330	12	18	02	0	0	—	8.4	-3.6	24	26	-1	18	0	54		0	7	
QUSEIR	270	2	15	02	0	0	—	7.7	-3.5	27	27	-2	20	-1	37	11	0	12	4
PORT SUDAN																			
WADI HALFA																			
ABU HAMAD																			
KAREIMA	340	3	30	02		7	CS	7.7		27	42		23		10	-7	0		
ATBARA	320	2	30	03	2	8	CS	5.7		32	43		27		12	-1	0		
KHARTUM	230	4	30	02	6	3	AC, CS	7.6		31	42		31		8	-7	dr.		
KASSALA	200	9	10	08	0	0	—	7.6		32	41		26		36	15	0		
WAD MEDANI	230	13	35	02	2	8	AS	5.2		31	42		26		43	17	0		
RENK																			
ROSEIRES																			
EL OBEID																			
EL FASHER	00	0	30	03	0	2				25	39		19		19	0	0		
GENEINA																			
MALAKAL	00	0	30	02	6	7	AC	10.1			38		23			21	2		
WAU	00	0	30	01	2	8	AC	9.9		25	35		23		79	21	1		
JUBA	170	6	30	02	2	7	AC, Ci	10.4		26	31		22		74	21	0.5		

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	on 28th	Diff. from normal
Alexandria	77	+8
Ezbekiya	47	-4
Giza	45	-9
Helwan	30	-9

GIZA GRASS MINIMUM TEMP. ON 29th 12.2 °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 — [illegible] AIRPORT — On ... At ...

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

RAWINSONDE — AIRPORT — On ... At ...

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

RAWINSONDE — AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 28th

Station	S. Barani Dir.	S. Barani Vel.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.
Time	14		14		14		14		14		14		14		14	30	14		14		14		14		14	
Height m.																										
300	150	16	130	10	20	16	20	16	80	18	350	9	110	10	310	6	330	9	150	16	340	17	360	11		3
600	170	17	150	15	40	14	10	15	70	16	360	11	150	10	290	9	330	8	150	16	360	17	360	14	320	2
1000	180	24	160	17	40	14	340	8	270	17	350	6	140	12	280	6	310	5	160	22	360	15	360	10	340	5
1500	190	17	180	9	40	13	320	3	70	17	360	14	140	15	290	7	210	15	170	16	350	15	360	22	290	17
2000	200	15	190	4	30	9	360	4	30	3	40	2	110	8	240	11	220	17	160	8					290	13
3000			260	14	340	9	340	13	100	11	20	3	90	16	250	13			290	23						
4000			270	17			290	8											260	17						
5000																			280	34						
6000																			290	35						
7000																										
8000																										

UPPER WIND OBSERVATIONS on 29th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	[illegible] Airport Dir.	[illegible] 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	8		8				2		4		7		8		8						8			
Height m.																								
300	310	19	280	4			60	19			80	6	320	2	260	2					340	7		
600	310	17	220	10			70	24	40	16	100	4	320	2	220	1					90	2		
1000			220	10			60	23	20	12	110	6	40	2	00	0					260	10		
1500			220	9			40	12	30	14	130	7	210	4	230	1					320	9		
2000			230	9			40	15	30	12	190	6	240	3	240	3								
3000			220	23					340	17	200	10	250	10	310	10								
4000			260	26							270	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	7		8		8		8																	
Height m.																								
300	170	14	200	2	120	3	160	3																
600	200	16	200	3	180	3	30	4																
1000	320	18	240	4	160	4	90	5																
1500	340	16	190	5	200	3																		
2000	240	12	150	3																				
3000	250	13																						
4000	240	17																						
5000	240	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.

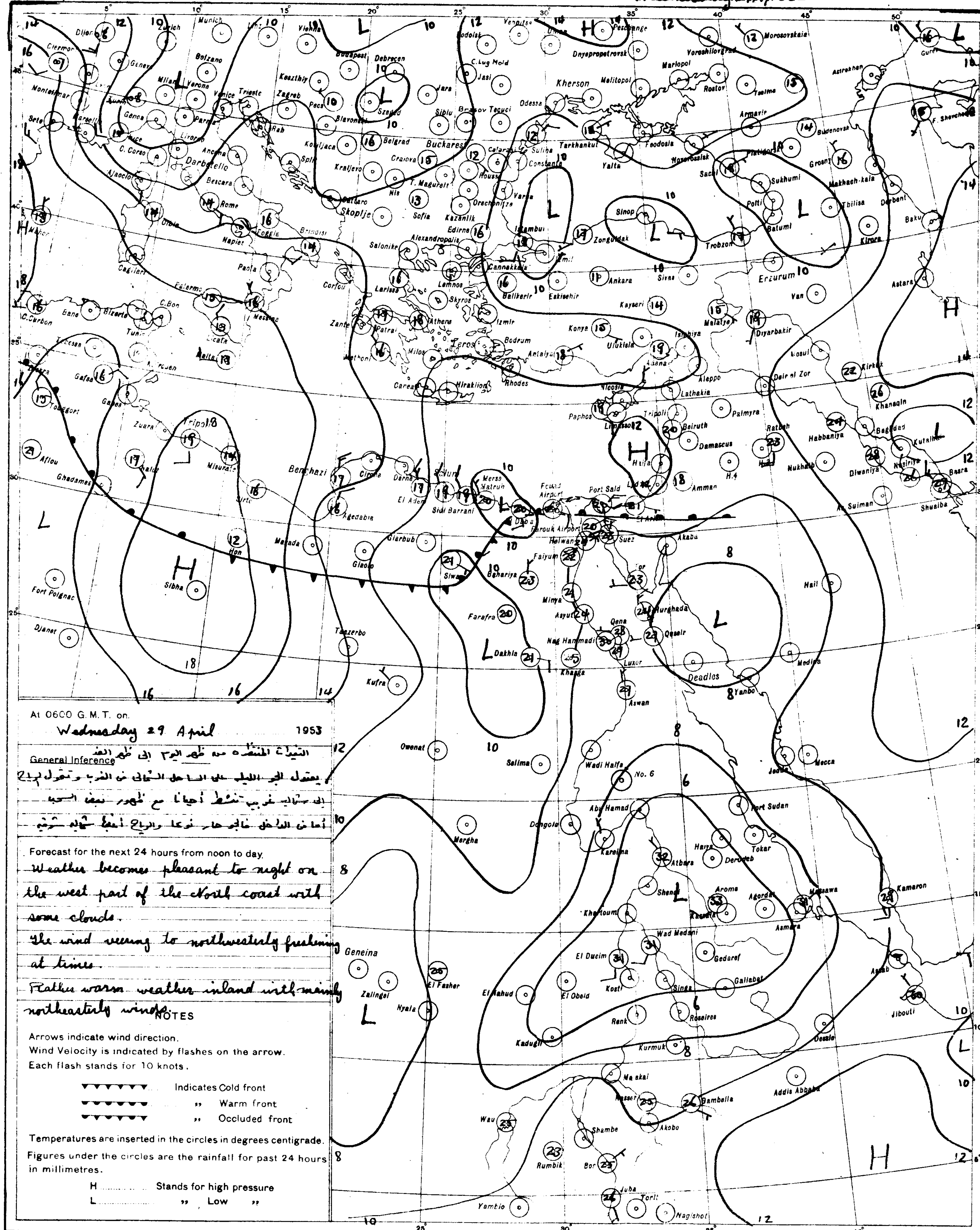
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49,552) (50/531)

Annual Subscription [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 29/4/1953



At 0600 G.M.T. on.

Wednesday 29 April 1953

التنبؤات المنتظره من ظهر اليوم الى ظهر الغد

General Inference

يعتدل الجو الليلة على الساحل الشمالي فى الغرب وتتحول الرياح
الى شمالية غربية تنشط أحيانا مع ظهور بعض السحب
أما فى الداخل فالجو حار نوعا والرياح أغلبها شمالية شرقية

Forecast for the next 24 hours from noon to day.

Weather becomes pleasant to night on the west part of the North coast with some clouds.
The wind veering to northwesterly freshening at times.
Rather warm weather inland with mainly northeasterly winds.

NOTES

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

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

Temperatures are inserted in the 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(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise ... 03 14 G.M.T.
" " Sunset ... 16 31 G.M.T.

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

Form 7 F.

DAILY WEATHER REPORT

Date: Thursday 30th April, 1952 3

At 1200 on Wednesday 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	62030	SALUM	20	19	35	00	0	0	—	10.0	23	61	15
	303	SIDI BARANI	300	11	3	02	2	1	Sc	9.7	20	73	15
	306	MATRUH	320	13	14	02	0	0	—	9.6	20	83	17
	309	EL DABA	20	11	35	00	0	0	—	9.4	28	82	17
		ALEXANDRIA	60	16	50	00	0	0	—	9.9	27	48	15
	318	Alex (Airport)	360	5	14	02	0	0	—	9.2	27	52	16
	330	DAMIETTA	70	5	35	01	1	1	Ci	10.2	25	41	13
	333	PORT SAID	60	11	30	02	0	2	Sc, Ci	9.7	22	69	16
	336	EL 'ARISH	30	6	30	03	1	2	Sc, Cu	8.8	23	65	16
Lower Egypt	339	DAMANHUR	130	5	15	02	0	0	—	8.8	32	28	11
	342	MANSURA	90	5	35	00	1	0	—	9.4	31	28	10
	348	TANTA	90	2	35	02	0	0	—	8.6	32	24	9
	354	ZAGAZIG	40	1	15	02	0	0	—	8.6	31	28	10
	360	ISMAILIA	70	2	35	03	1	4	Ac	8.7	31	12	-1
Cairo Area	366	Cairo (Airport)	70	11	18	00	0	0	—	8.7	33	26	11
	372	ALMAZA	60	8	30	00	1	0	—	8.1	32	17	4
		EZBEKIYA	40	2	18	00	0	0	—	7.8	34	15	4
		GIZA	40	2	18	00	0	0	—	7.8	34	14	3
		HELWAN	220	2	35	02	0	0	—	7.4	35	8	-4
Upper Egypt		FAIYUM	00	0	35	02	0	1	Ci	7.4	33	16	4
		MINYA	150	2	10	02	1	3	Ci	6.1	36		
		ASYUT MANQABAD	00	0	30	01	1	0	—	6.7	37	8	-3
		NAG' HAMMADI	00	0	7	02	1	7	Cu, Ac	7.1	36	25	13
		QENA	270	1	50	03	1	3	Ci	6.6	38	24	14
		LUXOR											
		ASWAN	200	3	50	01	1	2	Ci	5.4	38	13	5
Oases		SIWA	320	7	14	00	0	0	—	9.1	34	18	6
		BAHARIYA	320	1	35	02	0	0	—	8.6	35	15	5
		FARAFRA	00	0	35	00	0	0	—	7.9	36	6	-7
		DAKHLA	50	4	50	00	0	0	—	7.5	38	6	-5
		KHARGA	00	0	15	00	0	0	—	6.8	36	20	10
Red Sea		SUEZ	360	1	50	01	0	2	Ci	7.9	33	12	0
		TOR	220	5	35	02	1	0	—	7.6	29	59	20
		HURGHADA	70	5	30	02	0	3	Ci	7.8	27	66	20
		QUSEIR	40	2	15	02	0	0	—	7.4	27	62	19
		PORT SUDAN	70	9	30	02	2	7	Cu, Cs	7.1	30	84	27
Sudan		WADI HALFA	20	10	30	02	0	1	Ci	5.0	39	6	-5
		ABU HAMAD	00	0	30	02	2	6	Cu, Ac		41	11	5
		KAREIMA	140	3	30	02	2	7	Cs	3.6	39	11	3
		ATBARA	90	1	30	03	2	8	Cu, Cs	1.6	42	9	2
		KHARTUM	310	6	30	02	2	7	Cu, Cs	3.0	41	10	3
		KASSALA	180	6				5	Cu	2.1	39	24	15
Equatorial		WAD MEDANI											
		RENK											
		ROSEIRES	130	2	35	02	1	4	Cu	6.2	39	34	20
		EL OBEID	60	9	30	03	0	1	Ci	3.6	37		
		EL FASHER	70	1	30	02	1	3	Cs		37	7	-5
		GENEINA	40	1	30	03	2	8	Cu, Cs		37	24	13
		MALAKAL			30	03	2		Cu, Ac	6.7	33	28	12
		WAU	230	4	30	02	2	7	Cs	5.3	35	30	15
		JUBA											

At 1800 on Wednesday 29th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	340	19	15	00	0	0	—	11.5	19	73	14	0
SIDI BARANI	320	10	12	02	2	4	Sc	11.1	17	83	14	0
MATRUH	300	9	10	02	2	8	Sc	9.6	18	78	14	0
EL DABA	340	7	7	02	1	5	Sc	8.9	19	88	17	0
ALEXANDRIA	60	13	35	00	0	0	—	9.4	19	88	17	0
Alex (Airport)	360	3	12	02	0	0	—	8.8	20	69	14	0
DAMIETTA	70	5		00	0	0	—	8.7	20	83	17	0
PORT SAID	40	14	14	02	0	0	—	8.8	20	83	17	0
EL 'ARISH	360	3	14	02	1	3	Cu, Sc	8.1	19	88	17	0
DAMANHUR												
MANSURA	40	5		00	0	0	—	8.4	21	57	12	0
TANTA	00	0	35	02	0	0	—	9.3	23	65	16	0
ZAGAZIG	40	2	35	02	0	0	—	8.6	21	65	14	0
ISMAILIA	20	5	35	01	0	0	—	8.7	21	65	14	0
Cairo (Airport)	70	21	12	00	0	0	—	7.8	25	39	10	0
ALMAZA	50	12	12	00	0	0	—	8.0	26	25	4	0
EZBEKIYA			10	00	0	0	—	7.9	27	33	9	0
GIZA			10	00	0	0	—	7.9	26	35	9	0
HELWAN	20	17	15	02	0	0	—	7.0	27	33	9	0
FAIYUM	00	0	35	01	0	0	—	7.0	26	30	7	0
MINYA	00	0	8	02	0	0	—	6.1	25	34	8	0
ASYUT MANQABAD	280	4	8	03	0	1	Ci	6.1	30	12	-2	0
NAG' HAMMADI	00	0		00	1	0	—	6.4	29	23	6	0
QENA	270	1	7	00	0	0	—	6.7	30	35	13	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	5.0	34	18	6	0
SIWA	10	12	7	03	0	3	Ci	10.6	27	35	10	0
BAHARIYA	00	0	15	02	0	0	—	9.5	28	27	7	0
FARAFRA	20	6	15	00	0	0	—	6.3	26	16	-2	0
DAKHLA	00	0	35	00	0	0	—	6.2	33	12	0	0
KHARGA	00	0	15	00	0	0	—	5.9	30	21	5	0
SUEZ	310	7	15	01	0	1	Cu	7.8	26	37	10	0
TOR	140	9	15	02	0	0	—	7.0	25	70	17	0
HURGHADA	30	6	12	02	0	0	—	6.5	24	44	11	0
QUSEIR	120	2	15	02	0	0	—	5.9	25	70	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 Thursday 30th April, 1953

Station	Wind 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	03	2	7	Cs	12.2	-1.1	18	28	+2	14	-1	60	10	0	37	
SIDI BARANI	320	11	13	02	2	7	Sc, Ci	12.0		18	21		16		68	12	0	109	
MATRUH	300	12	18	02	2	7	Sc	11.5	-2.7	18	21		16		73	13	0	52	
EL DABA	340	10	15	02	1	1	Sc	11.3		19	29		15		73	14	0	95	
ALEXANDRIA	360	10	50	03	1	4	Cu, Ci	10.4	-3.7	19	30	+5	17	+1	83	16	0	125	183
Alex (Airport)	340	4	18	03	1	3	Sc, Ci	10.3	-4.5	20	31	+6	16	+1	83	17	0	122	138
DAMIETTA	40	9	15	00	0	0	—	9.8	-4.1	21	26	+1	14	-2	74	16	0	56	103
PORT SAID	20	13	14	02	0	0	—	9.2	-5.1	22	24	0	18	0	74	17	0	61	
EL 'ARISH											24								
DAMANHUR	40	9	15	02	1	1	Cu	10.3	-3.7	23			16	+2	61	15	0	43	98
MANSURA	40	3	15	00	0	0	—	9.1	-5.0	22	32	+3	15	+1	65	15	0	48	52
TANTA	310	2	35	02	0	0	—	9.1	-5.0	20	33	+3	12	-1	73	15	0	18	40
ZAGAZIG	00	0	35	02	0	0	—	9.0	-5.2	23	34	+4	13	0	61	15	0	29	26
ISMAILIA	20	2	35	01	0	0	—	9.3		22	33		14		57	13	0	32	
Cairo (Airport)	360	9	12	03	0	1	Ci	9.0		20	34		15		69	14	0	7	
ALMAZA	30	6	14	03	0	1	Ci	9.3	-5.3	20	34	+3	15	-1	69	14	0	8	
EZBEKIYA	20	2	10	00	0	0	—	8.6	-5.2	20	35	+5	16	+1	69	14	0	15	24
GIZA	20	2	10	00	0	0	—	9.4	-4.4	20	34	+4	14	+2	73	15	0	43	24
HELWAN	320	11	7	02	0	0	—	9.1	-4.3	19	36	+6	17	+1	73	14	0	3	27
FAIYUM	360	6	35	02	0	0	—	8.8	-4.6	24	36	+4	15	0	47	12	0	14	8
MINYA	360	3	8	02	0	1	Ci	7.9	-6.7	22	37	+4	13	-1	50	11	0	1	
ASYUT MANQABAD	290	4	14	02	1	1	Ci	7.5	-5.3	24	38	+4	19	+2	22	1	0	2	
NAG' HAMMADI	00	0		00	1	0	—	7.5	-4.5	25	38	+4	18	+2	34	8	0	0.3	
QENA	00	0	35	00	0	0	—	7.2	-4.2	29	39	+2	17	-1	35	12	0	2	
LUXOR																			
ASWAN	00	0	50	00	0	0	—	7.2	-4.3	28	39	+2	23	+2	45	15	0	2	
SIWA	30	6	14	01	1	3	Cu, Cs	13.1	-1.7	16	36	+4	13	-1	88	14	0	2	8
BAHARIYA	360	2	35	02	0	0	—	10.2	-3.8	21	37	+4	17	+2	65	14	0	dr.	7
FARAFRA	350	10	35	02	1	2	Ci	10.4		22	39		18		50	11	0	1	
DAKHLA	340	19	50	01	1	4	Ci	9.3	-4.6	25	40	+4	18	+1	11	-8	0	0	
KHARGA	00	0	35	02	0	2	As	8.2	-5.9	26	38	+2	17	-1	18	0	0	dr.	
SUEZ	360	3	35	00	0	0	—	9.0	-4.3	23	35	+5			38	8	0	45	16
TOR	180	2	35	02	0	0	—	7.1	-4.3	25	30	+1	18	0	74	20	0	Rain	13
HURGHADA	300	5	18	02	0	0	—	7.3	-4.6	25	29	+2	17	-1	51	14	0	7	
QUSEIR	20	2	15	02	0	0	—	7.8	-3.6	25	31	+2	20	-2	47	13	0	12	4
PORT SUDAN	180	1	30	02	2	4	Cu	7.5		31	31		27		79	27	0		
WADI HALFA	00	0	30	02	0	1	Ci	7.2		28	40		19		16	0	0		
ABU HAMAD	00	0	30	03	0	1	Ci			31	42		17		17	3	0		
KAREIMA	70	9	30	02	0	0	—	6.8		28	41		21		12	-4	0		
ATBARA																			
KHARTUM	290	3	30	01	2	7	Cs	6.9		32	41		23		17	4	0		
KASSALA	200	2	30	01	9	7	As, Cs	6.8		31	40		20		41	16	3		
WAD MEDANI																			
RENK																			
ROSEIRES																			
EL OBEID																			
EL FASHER	360	1	30	02	2	8	Cs			21	36		17		17	-5	0		
GENEINA	50	7	30	01	2	6	Cs			25	39		18		9	-11	0		
MALAKAL	220	6	30	01	2	8	Ac, Cs	9.6		26	35		23		70	20	1		
WAU	200	7	30	02	2	8	Ac, Cs	9.7		25	37		23		74	20	0		
JUBA	180	10	30	00	8	8	Cb, Ac	10.4		25	35		23		79	21	dr.		

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

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

Remarks

RAWINSONDE

Cairo Airport — On 29th At 15h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	70	34		30	13
950					
900					
850	1503	20		310	4
800					
700	3138	8		250	17
600					
500	5716	-11		250	23
400	7387	-24		270	30
300	9435	-39		270	39

Khartum Airport — On 30th At 05h.

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950		31		310	15
900	993	27		350	13
850				20	13
800	2021	20		10	9
700	3155	12		100	3
600	4413	0		150	3
500	5547	-5		330	10
400	7565	-17		310	17
300	9342	-33		260	28
200		-59			

Airport — On ... At ...

Pressure 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.	S. Barani Dir.	S. Barani Vel.	Alex. A.P. Dir.	Alex. A.P. Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Aswan Dir.	Aswan Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.	El Arish Dir.	El Arish Vel.
	14		14		14		14		14		14		14		14		14		15		14		20		20	
300	320	30	290	9	20	14	30	15	330	3	280	4	250	4	320	23	280	10	220	3	140	6	10	8		
600	320	16	240	7	20	10	50	12	330	3	220	2	360	6	320	27	270	8	230	9	10	4	40	6	40	18
1000			220	2	40	10	40	13	320	2	220	4	340	4	310	14	270	10	240	8	330	8	40	2	20	11
1500			320	2	50	9	350	5	260	6	260	9	350	7	340	10	260	8	280	10	350	12	240	10	110	7
2000			260	4	80	5	240	3	260	6	260	10	330	6	350	8	260	14	260	3					190	5
3000			270	3	70	5	220	8			260	16			270	4									240	15
4000			280	19			240	16							270	13										
5000							250	25							320	16										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 30th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Alex. Airport Dir.	Alex. 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		8				4		7	15	8		8								8	
300	320	26	290	16	40	9					330	13	10	8	330	3							30	4	30	3
600	330	17	330	14	220	2			40	9	40	12	10	10	80	11							140	6	30	17
1000	330	17			320	2			300	2	50	6	350	8	40	10							130	5	30	4
1500	320	16							260	9	90	2	350	10	90	3							170	26	20	4
2000									280	18	160	1	300	3	180	3							200	19	220	5
3000									250	25	240	13	210	4	170	9										
4000											220	19														
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	7		8		8		8				3		4										4	
300	20	10	360	8	320	14	60	2																
600	10	16	350	8	320	15	350	5			20	24	30	11									190	12
1000	350	26	350	8	310	19	330	5			20	21	30	18									160	12
1500	340	19	10	9			300	5			20	9	40	10									170	9
2000	240	22	360	11							220	3											70	3
3000	310	16	350	8							200	9	170	18									70	5
4000	310	7																					30	17
5000											240	16												
6000											300	19												
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds 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.

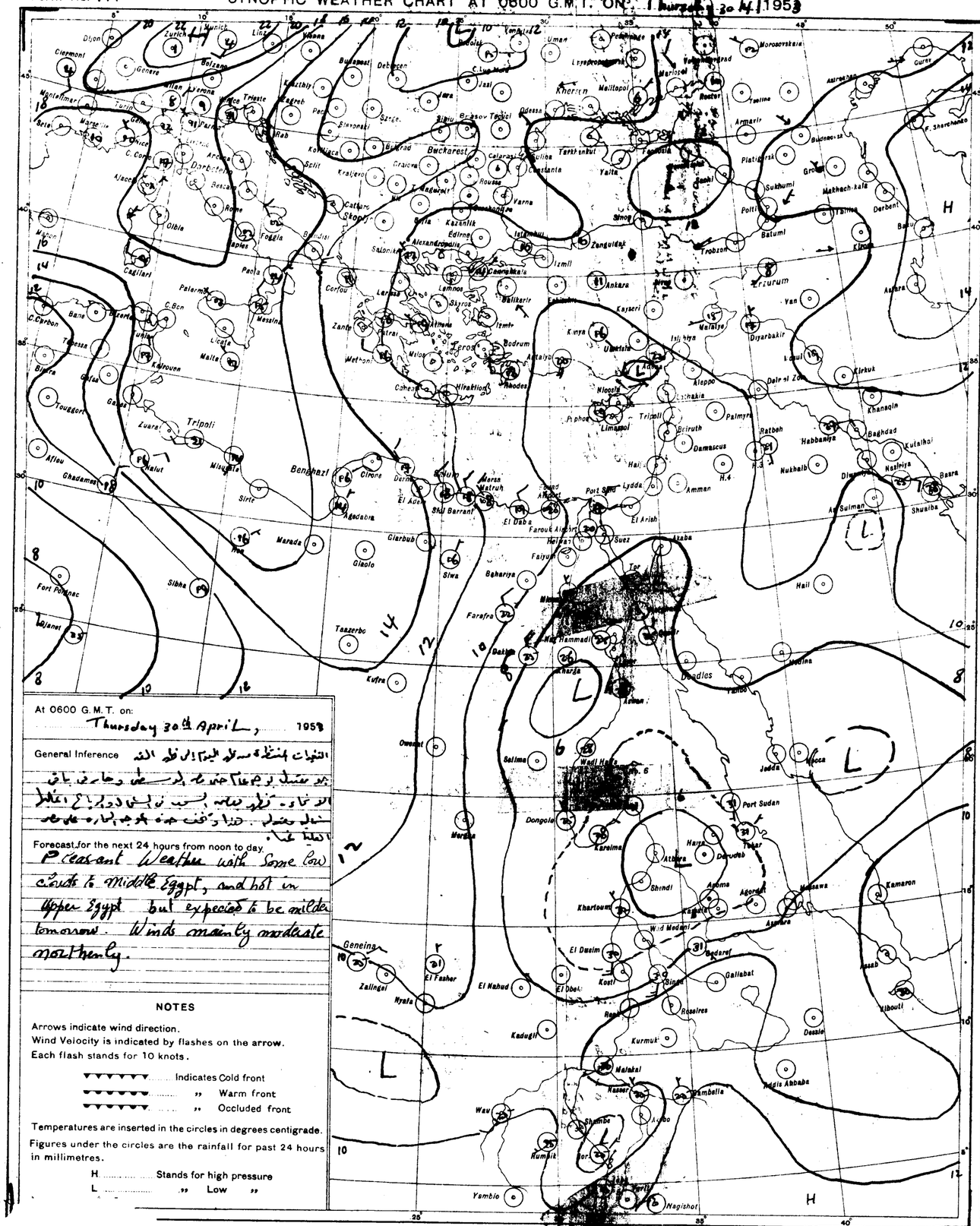
Printed by the Survey of Egypt 1949 149.55 (50/531)

QC
991
.E3
D3
1953
(Jan.-Apr.)

LIBRARY
APR 18 1960
WEATHER BUREAU

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 30.4.1953



At 0600 G.M.T. on: Thursday 30th April, 1953

General Inference

التغيرات المنتظمة من يوم اليوم الى يوم الذي
بعد يستمل بوجه عام جنوبا جنوبا غربي وجنوب باقي
الانحاء. تكون بحالة بسبب ان الى دوران الطقس
مستمل بعضها. حيث وتقف جبهة الوجه الباردة على
الحالة هنا.

Forecast for the next 24 hours from noon to day.

Pleasant Weather with Some low clouds to Middle Egypt, and hot in Upper Egypt but expected to be milder tomorrow. Winds mainly moderate northerly.

NOTES

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

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

Temperatures are inserted in the 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 / 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

Eng. Complete April 953